



Gannett Fleming

*Excellence Delivered **As Promised***

Prepared for

NATIONAL PRESTO INDUSTRIES, INC.

EAU CLAIRE, WISCONSIN

ANNUAL INTERIM REMEDIAL ACTION

STATUS REPORT FOR 2016

PROJECT #34283.000

NOVEMBER 2017

Office Location:

GANNETT FLEMING, INC.
8025 Excelsior Drive
Madison, Wisconsin 53717-1900

Office Contacts:

Cliff Wright, P.E., P.G.
Dennis F. Kugle
(608) 836-1500



Gannett Fleming

Excellence Delivered *As Promised*

November 27, 2017

File #34283.000

Mr. Howard Caine
Remedial Project Manager
Waste Management Division
USEPA Region 5
77 West Jackson Blvd., 6th Floor
Chicago, IL 60604-3590

Ms. Mae Willkom
Wisconsin Department of Natural Resources
Remediation and Redevelopment Program
1300 W. Clairemont Avenue
P.O. Box 4001
Eau Claire, WI 54701

Re: Annual Interim Remedial Action Status Report - 2016
National Presto Industries, Inc., Eau Claire, Wisconsin
USEPA CERCLIS ID WID006196174
WDNR BRRTS 02-09-000267 and FID 609038320

Dear Howard and Mae:

At your request, Gannett Fleming, Inc. (GF) is submitting the referenced annual report for the National Presto Industries, Inc. (NPI) site in Eau Claire, Wisconsin. The report documents the effectiveness of the past and on-going active soil and groundwater remediation at the site. In addition, this report provides analytical results from the samples collected from select water supply wells at the Eau Claire Municipal Well Field (ECMWF) and its water treatment system during 2016, conclusions based on the historical groundwater monitoring data, and a list of activities to be completed in 2017.

Executive Summary

During 2016, NPI continued to monitor groundwater and three soil vapor extraction (SVE) systems: one associated with the Melby Road Disposal Site (MRDS) (former Plume 3/4), and two in the Southwest Corner (SWC) (Plume 1/2), in accordance with the agency-approved sampling plans. Dissolved-phase volatile organic compounds of concern at the site are limited to trichloroethylene (TCE), 1,1,1-trichloroethane (TCA), tetrachloroethylene (PCE), 1,1-dichloroethane (DCA), and 1,1-dichloroethylene (DCE). For the purpose of this report, they will hereafter be referred to as NPI volatile organic compounds (NPI VOCs).

Groundwater data from 2016 show that concentrations of NPI VOCs were below NR 140 Enforcement Standards (ESs)/Maximum Contaminant Levels (MCLs) in all monitoring wells associated with the site. Extraction well EW-6, installed in 2011 to help capture groundwater migrating from a newly identified VOC source area that we believe is likely located beneath the

L:\CLERICAL\projects\34200\34283_NPI\reports\Annual Report 2016_ccw\R34283_016.docx

Gannett Fleming, Inc.

8025 Excelsior Drive, Madison, WI 53717-1900

t 608.836.1500 • f 608.831.3337

www.gannettfleming.com

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-2-

NPI main building, continues to capture and remove VOC-impacted groundwater in that area of the site.

SVE vent well VW-1, installed inside the NPI main building in late 2014 to remove vapor phase VOCs from the suspected source area beneath the building, became operational in January 2015. Since startup of this vent well, NPI VOC concentrations in groundwater samples collected from MW-76A, the water table monitoring well immediately downgradient from the newly identified source area beneath the building, have decreased. All five VOCs were detected in samples collected from MW-76A from June 2011 through June 2014. By August 2016, NPI VOC concentrations were all below detection limits.

Cadmium (Cd) concentrations in groundwater continue to be above the 5.0 micrograms per liter ($\mu\text{g}/\ell$) ES/MCL in two on-site monitoring wells (MW-10A and MW-34A) south of the main building. Like the NPI VOC concentrations in MW-76A, however, overall Cd concentrations continue to show a decreasing trend. In addition, supplemental sampling completed in 2015 confirmed that Cd concentrations above the ES/MCL in groundwater are confined to a relatively small area immediately adjacent to former Lagoon #1, which includes MW-10A and MW-34A.

In summary, VOC concentrations in virtually all the wells used to monitor the original plumes associated with the NPI site are stable or decreasing, and a significant number of wells no longer contain detectable concentrations of TCE. There were no exceedances of the ES/MCL for TCE of $5 \mu\text{g}/\ell$ or any other NPI VOC in any monitoring wells either on site or off site in 2016. Since project inception, this is the first time that TCE concentrations were $<5 \mu\text{g}/\ell$ in all sampled wells throughout Plume 1/2 for an entire year.

Site Description, Hydrogeological Setting, and Conceptual Site Model

The site is relatively flat and abuts a sandstone ridge to the south. Areas to the north, east, and west are also relatively level, generally sloping gradually toward the Chippewa River, which is located approximately 2 miles north and west of the site. Lake Hallie, an impounded remnant of a former channel of the Chippewa River, lies approximately 1 mile north of the site.

Extending northward from the northwestern portion of the site to Lake Hallie and westerly from the site to the Chippewa River are buried pre-glacial valleys within which alluvial sand and gravel deposits serve as a primary drinking water aquifer in the Eau Claire area. Approximately 2 miles west of the NPI site, for example, the ECMWF draws groundwater from more of these

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-3-

buried deposits and provides drinking water for the City of Eau Claire. The direction of groundwater flow is controlled by the sandstone and granite bedrock valleys beneath the sand and gravel, which carry groundwater to the northwest towards Lake Hallie and to the west towards the Chippewa River and the ECMWF. The depth to bedrock is at or near the surface at the sandstone ridge in the extreme south central portion of the NPI site and dips to the north and west. The top of bedrock is at least 100 feet below the ground surface (bgs) at the north and west property boundaries. The average depth to water under NPI's main building and the MRDS is about 70 feet bgs.

Past waste-handling practices related to the manufacturing activities on the NPI site have included the use of dry wells and seepage lagoons. Manufacturing wastes were also discharged to a former sand and gravel pit. The major waste stream was waste forge compound. NPI discharged wastewater containing significant amounts of waste forge compound to Lagoon #1, a remnant of the former sand and gravel pit. From 1966 to 1969, waste forge compound was also landfilled at the MRDS.

The conceptual site model is that contaminants observed in the source areas on the NPI property migrated vertically through the unconsolidated soils to the groundwater and then traveled within the aquifer following the buried valleys. These valleys, which trend westerly toward the Chippewa River and ECMWF (Plume 1/2) and northwesterly toward Lake Hallie (former Plumes 3/4 and 5), control the direction of groundwater flow in the unconsolidated deposits in the area. Figure 1 is a 24-inch x 36-inch area-wide map showing the approximate location of Plume 1/2 and the former locations of Plume 3/4 and Plume 5, as defined by select VOCs in 1993. The outlines of the current/former plumes define a groundwater flow divide that bisects the NPI site along a northwesterly line. The average groundwater flow velocity in the alluvial deposits in the area is approximately 12.5 feet/day, with an average gradient of about 0.015 in Plume 1/2 that stretches from the NPI site to the ECMWF. Figure 2 provides an 11-inch x 17-inch on-site groundwater flow map for convenience.

Table 1 is a summary of the construction information for all monitoring and extraction wells associated with the NPI site. This summary table also identifies with which plume/former plume each well is/was associated and provides the grid coordinates for each well shown on Figure 1.

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-4-

General Status of the Remedial Program

Most of the selected interim and final remedies for the site were implemented in the mid- to late-1990s. These included:

- The excavation and off-site disposal of >5,000 BTU/lb waste forge compound from Lagoon #1 and impacted soil from several other waste management areas of concern, including Dry Wells #2 and #5, the swale between former Lagoons #3 and #4, the southwest corner of former Lagoon #2, and the Loading Dock Area. TCA was the primary VOC associated with the waste forge compound removed from Lagoon #1.
- The installation of four groundwater extraction wells and two associated cascade aerators for groundwater capture, control, and treatment. These interim systems were designed to operate continuously as long as they were needed.
- The construction of an engineered landfill with a multi-layer cap and SVE system at the MRDS for the long-term management of residual waste forge compound and impacted soil. Excavated material placed at the MRDS prior to installation of the cap included waste forge compound mixed with soil from Lagoon #1 with <5,000 BTU/lb, soil contaminated with waste forge compound from Drainage Ditch #3, and impacted material from the East Extension of Lagoon #1 and East Disposal Site. The final remedy for the MRDS is the multi-layer cap and SVE system. Over time, it has become apparent that the MRDS SVE no longer needs to operate continuously since the cap has essentially eliminated the vertical migration of contaminants due to the infiltration of precipitation and proven to provide reliable protection of groundwater quality.

However, two supplemental, relatively small TCE source areas have been identified in what is known as the SWC: the MW-34/70 area and an area beneath the main building. SVE systems have been installed and are currently operating at both of these areas to remove VOCs in the soil and provide a barrier to migration of these chemicals to groundwater.

All active remediation systems onsite are effective in protecting human health and the environment. Three of the four groundwater extraction wells (EW-1R, EW-2, and EW-5) and one of the cascade aerators (CAS-1) are no longer in use as a result of the effectiveness of the remedial actions that have been implemented.

Current and planned future activities at the site include:

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-5-

- Maintenance of the cap at the MRDS. This activity is ongoing, and annual inspections are conducted to document conditions and monitor progress. No further reference to cap maintenance is provided in this remedial action report. However, copies of the annual inspection reports are available upon request.
- Operation and maintenance (O&M) of the three SVE systems and extraction well EW-6.
- Sampling of the exhaust gas from the MRDS, MW-34/70 area, and main building SVE systems and select on- and off-site groundwater monitoring wells/piezometers, EW-6, cascade aerator CAS-2R, manhole MH-18, city water supply wells, and unit operations at the ECMWF.

SVE System O&M and Sampling

The NPI site currently has three separate SVE systems in operation, as shown on Figure 3. The purpose of these systems is to remove VOCs from the subsurface and provide a vapor barrier to protect/improve groundwater quality. The largest SVE system is at the MRDS where 12 vent wells are located within the capped landfill, which primarily contains waste forge compound from historic disposal operations there and the on-site remedial excavations described in the previous section. In 2016, the MRDS SVE system operated in “low-flow” mode January through March, at normal flow April through the first week of December, and started a 6-month trial seasonal shutdown on December 6. See GF’s April 2016 *Modified Cold Weather Operation* and August 2017 *MRDS SVE System Trial Seasonal Shutdown Assessment* reports for additional details.

In the SWC, the MW-34/70 area SVE system is used to address residual VOC contamination from TCE degreaser sludge that was buried there in the mid-1900s. This system currently includes six vent wells and operates only during warm weather when the ground is not frozen and the average ambient air temperature is above freezing (i.e., the MW-34/70 area SVE system operates seasonally). When temperatures are below freezing, it is more difficult to keep the system running because the condensate that collects in the knock-out tanks freezes. Furthermore, when frost is in the ground, there is virtually no vertical migration from precipitation. Consequently, running the system when the ground is frozen provides little, if any, benefit. Analytical results to date confirm that this remedial approach is effective in protecting groundwater quality.

The main building SVE system is being used to address VOC impacts from a source area beneath the main building at NPI. The exact location and size of this source area is not known. The main building SVE system includes just one vent well (VW-1) screened from 15 to 45 feet below the top of the concrete floor, located near the center of Building 103. The intent of this system is to

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-6-

maintain a vapor barrier that helps improve and protect local groundwater quality. Figure 4 shows the locations of VW-1, its blower and condensate knock-out tank, extraction well EW-6, and downgradient monitoring well nests MW-76 and MW-77. As shown on Figure 4, the vacuum blower, its knock-out tank, and the well-head connection to VW-1 are all located indoors. As a result, it is relatively easy for this SVE system to operate continuously, 365 days a year.

The exhaust gas from each of the three SVE systems is discharged directly into the atmosphere through a stack less than 25 feet high. Exhaust gas samples are collected quarterly from the MRDS and main building SVE systems. The samples are analyzed for TCE, 1,1,1-TCA, PCE, and 1,1-DCA. The MW-34/70 area SVE system is sampled annually and only for TCE. The exhaust gas samples are collected in Summa canisters supplied by the laboratory and analyzed using Method TO-15. Analytical results are used for performance and compliance monitoring and available upon request.

Table 2A summarizes compound-specific emission thresholds, as defined in Table A of NR 445.07, when stack heights are less than 25 feet. Table 2B summarizes estimated emissions from each of the three SVE systems for 2013-2016, when operating. Based on the relatively low estimated maximum emission rate (i.e., 0.0035 lb/hr from the main building SVE system) and cumulative emission mass (i.e., 10.1 lb from the main building SVE system) for total VOCs in 2016, the compound-specific emissions of TCE and all other compounds were also below their respective limits, as summarized in Tables 2A/B. GF's May 2016 *Annual Remedial Action Status Report -2015* provides additional detail.

General Groundwater Monitoring Information

Groundwater samples were collected for NPI VOC analysis at least once from a total of 87 monitoring wells/piezometers, the 4 on-site extraction wells, and 5 city production wells during the four routine quarterly sampling rounds completed in 2016. In addition to collecting samples from the above wells/piezometers and manhole MH-18, samples were also collected of the combined pumpage from the production wells in the City's north well field, both before and after the air strippers and following routine water treatment and chlorination by the City. The data from the ECMWF and within the treatment system were used to evaluate the impact of blending the water from several production wells on the TCE concentration and the efficiency of the air strippers in removing TCE from the pumped water. Samples were also collected from 12 monitoring wells/piezometers in the SWC and from the 2 extraction wells in the SWC (EW-5 and EW-6) for analysis of dissolved Cd.

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-7-

Figure 1 shows the locations of all the groundwater monitoring points that have been sampled during the course of this project. Wells that have been abandoned are shaded.

Ms. Marcia A. Kuehl, M.A. Kuehl Company, Green Bay, Wisconsin, validated the data from each of the four quarterly sampling rounds in 2016. Marcia used the EPA guidance documents *National Functional Guidelines for Organic Data Review*, dated October 1999, EPA-540/R99/008, and the EPA Region V *Standard Operating Procedure for Validation of CLP Organic Data*, April 1991, Revised, November 2002. The reviews were based on Level II data packages supplied by the analytical laboratory. All the VOC and cadmium data reported for 2016 were determined to be usable for assessing groundwater quality. The CD in Appendix A contains a copy of the text of the 2016 quarterly data validation reports.

Water levels were measured in all on-site wells and piezometers quarterly, whether or not they were scheduled to be sampled. Water levels were measured in virtually all monitoring wells and piezometers, regardless of whether they were sampled, during the second quarter sampling round to provide a more complete set of groundwater elevations to allow preparation of a comprehensive groundwater flow map for the project.

Table 3 lists the water level measurements for all four 2016 sampling rounds. Figure 1 includes an area-wide groundwater flow map. Figure 2 is an 11-inch x 17-inch on-site groundwater flow map. To provide the most complete groundwater flow maps, both figures are based on the water level measurements made during the June 2016 sampling round when virtually all project wells were measured. Site datum is mean sea level (MSL).

Note that water levels were relatively high in 2016. For example, consider MW-10A located in the SWC between the south end of the main building and former Lagoon #1. Groundwater elevations in the well ranged from 827.16 to 828.35 feet MSL between December 2014 and 2015, respectively. By December 2016, the measured water level elevation in MW-10A had increased nearly 2 feet to 830.30 feet MSL. GF's November 16, 2016, *EW-5 Status Report and Work Plan for a 12-Month Trial Shutdown of EW-6* provides additional detail on the general increase in water levels in the SWC since April 2013.

Gannett Fleming

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-8-

Groundwater Sampling Methods

Since March 2012, passive diffusion bags (PDBs) have been used almost exclusively to collect groundwater samples for VOC analysis. In March 2012, NPI also received approval from the USEPA to use HydraSleeve® bags for sampling at the NPI site. These bags are used primarily to collect groundwater samples for Cd analysis, but can also be used to collect samples for VOC analysis. Other sampling methods have also been approved for use at this site, but these two are the primary methods currently in use, as described in the *Groundwater Monitoring Plan* for the site (last revised January 2012). In addition, an updated quality assurance plan (QAPP) was submitted on October 30, 2017, for review at Howard's request. Once approved by the agencies, the updated QAPP will supersede all prior QAPPs prepared for the site. The updated QAPP basically formalizes the January 2012 monitoring plan, with several minor changes in protocol to reduce the project's environmental footprint, optimize work flow, and continue to protect human health and the environment.

Groundwater Extractions Wells

MRDS Extraction Wells

Extraction wells EW-1R and EW-2 at the MRDS remained shut down in 2016. Likewise, both wells did not operate in 2015, with the exception of about 15 minutes in March and June to purge the wells prior to the collection of groundwater samples from them. In September 2015, the field team wasn't able to collect a sample from EW-1R, so NPI pulled the pump. Because the collar between the motor and pump was damaged due to corrosion, as approved by both agencies, NPI:

- Left the pump out of EW-1R and pulled the pump from EW-2 (to avoid the type of corrosion evident at EW-1R).
- Stockpiled the standpipe and one operable pump in the MRDS equipment building.
- Hung PDBs in EW-1R and EW-2 for quarterly sampling, instead.

A new replacement pump for EW-1R and two local drillers are readily available to get both extraction wells back online promptly (i.e., in one week or less) if VOC rebound occurs.

Southwest Corner Extraction Wells

Extraction well EW-5 in the SWC remained shut down in 2016, as approved by both agencies. Like EW-1R and EW-2 at the MRDS, the pump was pulled and PDBs were hung in EW-5 for

Gannett Fleming

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-9-

quarterly sampling instead, starting in 2015. At Mae's request, multi-level PDBs were installed at 10-foot intervals in EW-1R, EW-2, and EW-5 to assess NPI VOC concentrations over the full saturated screen length. GF's November 16, 2016, *EW-5 Status Report and Work Plan for a 12-Month Trial Shutdown of EW-6* provides additional detail regarding EW-5.

Extraction well EW-6 operated continuously in 2016 with one exception. On August 11, EW-6 automatically stopped pumping groundwater for several hours due to heavy rain (e.g., 2.56 inches at the nearby Chippewa Valley Regional Airport). A float switch located in a manhole turned the pump in EW-6 off temporarily to lower water levels in the storm sewer network downstream of NPI.

See the 2016 monthly progress reports that were submitted for the two groundwater pump-and-treat systems for more details.

Southwest Corner and Off-Property Groundwater Quality (Plume 1/2)

Volatile Organic Compounds

Figure 4 is a groundwater flow map for the SWC that was prepared using the groundwater elevations measured in the water table wells in this area of the site in June 2016. The groundwater contours show the general flow of groundwater to be northwesterly and then turning to the west. Table 3 contains all of the 2016 groundwater elevations.

Table 4 summarizes the analytical results for the samples collected from EW-5 and EW-6, the one SWC extraction well that operated in 2016. (Note: All tables attached to this report containing analytical results only include data from the last four years to minimize the size of the report. Appendix A contains a CD with Excel workbooks summarizing all historical analytical data for all wells associated with the site. Starting in 2009, the data tables identify the method used for collecting each sample for reference.) Each of the extraction wells in the SWC was sampled quarterly in 2016. The TCE concentrations in these extraction wells ranged from 0.33U to 0.75J $\mu\text{g}/\ell$ in EW-5 and 0.70J to 0.81J $\mu\text{g}/\ell$ in EW-6. These concentrations are all well below the 5 $\mu\text{g}/\ell$ ES/MCL and generally lower than those in 2013-2014, confirming a continued decreasing trend in these wells.

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-10-

On-Site Monitoring/Extraction Wells

Table 5 contains the last four years of historical analytical results for samples collected from the on-site monitoring wells in the SWC area of the site, as well as off-site, downgradient monitoring wells in Plume 1/2. All the laboratory reports and chain of custody records from the quarterly sampling done in 2016 are provided on the CD in Appendix A.

The TCE concentration in groundwater samples collected from all monitoring wells in Plume 1/2 were below the ES/MCL of 5.0 µg/ℓ in all four sampling rounds in 2016. This continues the downward trend in Plume 1/2 TCE concentrations and reflects positively on the remedial efforts that have and continue to take place onsite. Appendix B contains TCE concentration versus time graphs for all historically impacted Plume 1/2 wells (i.e., TCE ≥ 5 µg/ℓ) and other select wells of interest or concern. These graphs include best-fit exponential trend lines generated using Excel, and they depict the overall decreasing to stable TCE concentrations in the Plume 1/2 wells.

Figure 5 is an SWC TCE concentration map for December 2015 through December 2016. As stated above, none of the wells had a TCE concentration above the ES/MCL of 5.0 µg/ℓ. TCE concentrations in MW-70A, located about 120 feet north-northwest of the TCE degreaser sludge area, ranged from 0.41J to 0.74J µg/ℓ in March and June 2016, respectively. One possible explanation for the slight increase in TCE is that rising water levels “flushed out” residual TCE previously located below the degreaser sludge source area and trapped in or just above the capillary fringe and/or bedrock/overburden interface.

City of Eau Claire Monitoring Wells

Four of the five remaining City of Eau Claire monitoring wells (EC wells) were sampled in 2016. EC-1 was sampled four times, while EC-2, EC-5, and EC-6 were each sampled once. EC-7 was approved for abandonment several years ago but was retained at the request of the City for its internal use. However, it is no longer being sampled by NPI. The TCE concentrations in the samples collected from EC-2, EC-5, and EC-6 were all below the laboratory’s limit of detection. Well EC-1 was once again the only EC well that contained detectable concentrations of TCE, ranging from 1.2 to 1.6 µg/ℓ. Table 5 includes the analytical data for these wells.

City of Eau Claire Production Wells

Historically, the City of Eau Claire collected and analyzed monthly water samples for VOCs from five of its production wells (CW-11, CW-15 to CW-17, and CW-19) in the north well field. In the

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-11-

fall of 2013, their laboratory instrument broke, and the City contracted the analyses to the Eau Claire County Health Department (County) beginning in December 2013. In May 2014, the City notified GF that they would no longer collect and analyze monthly samples from the above city wells and that the April 2014 samples would be the last ones collected and analyzed by the City. NPI will continue to sample these wells quarterly and have the samples analyzed using drinking water Method 524.2. City staff continue to accompany GF field staff during the collection of quarterly samples from these wells.

Table 6 contains analytical results of the raw water samples that GF collected in 2016 from the individual city production wells; the commingled untreated raw water prior to the two air stripping towers; the commingled treated water after each of the towers, but before chlorination; and the commingled treated water after sand filtration and chlorination. All of the quarterly samples collected from CW-11, CW-16, and CW-17 by GF in 2016 and analyzed by Pace's Green Bay, Wisconsin, lab had TCE concentrations below the laboratory's detection limit, which ranged from 0.044 to 0.14 µg/l.

Samples collected from CW-15 contained detectable concentrations of TCE ranging from 0.15J to 0.19J µg/l.

CW-19 is the northern-most city production well. Based on historical data, we believe that this well, when pumping, intercepts virtually all the TCE in Plume 1/2 that reaches the city well field. All four samples collected from this well and analyzed by Pace contained detectable concentrations of TCE, ranging from 1.8 to 2.1 µg/l, all well below the 5.0 µg/l ES/MCL.

The samples of comingled water from all city production wells contained TCE at concentrations ranging from 0.6 to 0.94 µg/l. None of the samples collected following the stripping towers contained TCE at concentrations above the limit of detection, which ranged from 0.044 to 0.14 µg/l. The final product delivered to the public, following further conventional treatment, did not contain detectable concentrations of TCE in any of the four quarterly samples in 2016.

Eau Claire Municipal Well Field and Revised Groundwater Clean-Up Goal

In December 2009, the USEPA issued an Explanation of Significant Differences (ESD) that revised the groundwater clean-up goal for the ECMWF and NPI sites from the PALs to the ESs/MCLs. This change in the groundwater clean-up goal, to be consistent with NR 140 and the MCL, led to a meeting with the City and ultimately to a short-term sampling program at several of the city

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-12-

wells, the two air stripper towers, and within the water treatment plant. The sampling was done on four days in late November and early December 2011. The data from the sampling program documented that, while TCE was detectable in three of the four samples of the finished water entering the city distribution system, the concentrations were an order of magnitude below the 5.0 µg/ℓ ES/MCL.

Based on historical monitoring data and that from the 2011 city well system sampling program, the USEPA issued an August 1, 2012, letter to the City of Eau Claire confirming that operation of the air strippers to remove VOCs prior to distribution to its customers would no longer be required. The City has subsequently chosen to continue operation of the strippers at its own cost. If the City ever decides to turn the strippers off, the USEPA letter requires that they be kept in operating condition until the USEPA either deletes the NPI site from the National Priorities List (NPL) or until USEPA's review of future NPI site groundwater monitoring data allows it to determine that the strippers can be permanently dismantled prior to the deletion of the NPI site from the NPL. On April 5, 2015, the USEPA issued a Final Closeout Report (FCOR) for the ECMWF site.

Cadmium Monitoring

Historically, dissolved Cd has been present in a few monitoring wells in the SWC. The Cd concentrations in several wells (MW-10A&B and MW-34A) have often been above the 5.0 µg/ℓ NR 140 ES/MCL. The agencies requested during the December 13, 2012, annual on-site meeting that an expanded list of monitoring wells be sampled for Cd during each of the first two quarters of 2013. The agencies wanted to use the data to assist in determining whether additional investigation or remedial action was needed. A total of 15 monitoring wells and the 2 extraction wells in the SWC were sampled for Cd at least twice in 2013. As expected, most of the Cd concentrations in the samples collected from monitoring wells MW-10A&B and MW-34A were above the ES/MCL. One of the four samples collected from monitoring well MW-70B also was above the ES/MCL. At least one sample from five other wells (MW-4B, MW-34B&C, MW-68, and MW-76A) and extraction well EW-5 contained a Cd concentration above the PAL. Of the remaining seven wells, only one contained a Cd concentration above the 0.38 µg/ℓ limit of detection. Table 7 contains the last four years of results for the wells in the SWC that were routinely sampled for Cd analysis in 2016. Appendix A includes summary tables with all historical Cd analytical data on a CD.

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-13-

In 2014, at least one round of groundwater samples was collected from 22 additional monitoring wells in Plume 1/2 between the NPI property boundary and the city well field to confirm that Cd has not historically migrated off site. The results demonstrated that Cd is not currently migrating off site at detectable concentrations.

Metals are relatively immobile in the subsurface. In 2015, additional sampling for Cd in the SWC continued. At least one sample was collected from each of ten on-site monitoring wells and the two extraction wells. Groundwater samples collected from MW-10A (3 samples), MW-10B (3 samples), MW-34A (2 samples), and MW-75 (2 samples) contained Cd at a concentration above the 5 µg/l ES/MCL. This data continue to confirm that, while there are exceedances of the ES/MCL for Cd in groundwater, the extent of groundwater with Cd concentrations above the ES/MCL is restricted to a relatively small area around former Lagoon #1. They also show that it has not migrated significantly horizontally or vertically at the site within the aquifer. See Figure 4 for a groundwater flow map of the SWC.

As agreed, GF compiled and analyzed all historical Cd data associated with the NPI site in 2015. Based on this data, a remedial alternatives analysis was completed and submitted to the WDNR and USEPA on June 23, 2015. The report concluded that former Lagoon #1, which was remediated in the late 1990s, was the primary source of Cd in groundwater and that the Cd concentrations in groundwater were exhibiting a decreasing trend. It recommended continued monitoring of Cd in groundwater with a re-evaluation as part of the 2016 annual report.

In 2016, groundwater quality directly below and downgradient of former Lagoon #1 continued to improve. As described previously, groundwater samples from MW-10A, MW-10B, MW-34A, and MW-75 contained Cd at a concentration above the 5 µg/l ES/MCL in 2015. By 2016, samples from only two of the four wells (MW-10A and MW-34A) contained Cd at a concentration above the 5 µg/l ES/MCL (see Table 7). Consequently, our recommendation for continued routine monitoring of Cd remains unchanged.

Melby Road Disposal Site (Former Plume 3/4)

The installation and startup of the groundwater extraction wells (EW-1 and EW-2) at the MRDS in March 1994 was an interim remedial action that was intended to be used until the final remedy for this area of the site was developed and implemented. The final remedy was the engineered multi-layer cap over the MRDS and the SVE system that was installed beneath the cap, both completed in 1998. Since 1998, both extraction wells were operated continuously with the

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-14-

exception of down time for pump repairs. None of the groundwater samples collected from the on-site wells under the cap have contained detectable concentrations of TCE since at least 2001, documenting that the final remedy had eliminated the need to continue operation of the interim remedial action (pumping from EW-1R [a replacement for EW-1] and from EW-2).

In 2010, NPI prepared and submitted a draft Restrictive Use Covenant (RUC) for the MRDS as requested by the USEPA, and subsequently the USEPA approved an 18-month trial shutdown of EW-1R and EW-2 to determine whether these wells were needed to protect groundwater quality beneath and downgradient from the site. The trial shutdown occurred from October 2010 through April 2012.

Throughout the shutdown, groundwater quality at and immediately downgradient from the MRDS remained stable or improved slightly. The analytical results from the final sampling round were submitted to the USEPA and WDNR in a May 23, 2012, report. The report recommended approval of the long-term shutdown of the MRDS extraction wells. Both agencies verbally approved the long-term shutdown of extraction wells EW-1R and EW-2 during a December 13, 2012, meeting with NPI.

The groundwater contours at and near the MRDS are shown on Figures 1 and 2 and represent groundwater elevations measured in the monitoring wells in June 2016.

Table 8 contains the last four years of analytical results for the groundwater monitoring wells at the MRDS and downgradient monitoring wells in former Plume 3/4. Concentrations of all VOCs in most of the wells in the MRDS area have been below the laboratory limit of detection for many years. A total of 13 of the 20 existing wells in the MRDS area and downgradient in former Plume 3/4 were sampled at least once in 2016. VOC concentrations in 10 of the 13 wells were below the laboratory limit of detection. There were no exceedances of the TCE ES of 5.0 µg/ℓ in the 2016 groundwater samples collected from any of the former Plume 3/4 wells, and none of the analytical results represented an increasing trend in TCE concentration. The only remaining monitoring wells in former Plume 3/4 with detectable concentrations of TCE in 2016 were MW-26B and MW-65B&C, with concentrations ranging from 0.36J to 0.68J µg/ℓ. These three wells are all located off site and north of the MRDS.

Table 9 contains the last four years of analytical results for the groundwater samples collected from the two MRDS extraction wells (EW-1R and EW-2). They were sampled three times in 2016.

Gannett Fleming

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-15-

None of the samples collected from these two wells in 2016 contained detectable concentrations of any VOCs and haven't since August 2001.

Appendix C contains TCE concentration versus time graphs for all monitoring wells in the MRDS area with detectable TCE in 2016 and other select wells of interest or concern, both on and off site. These graphs provide a visual representation of TCE concentrations over time and provide further evidence that TCE concentrations in groundwater at and downgradient from the MRDS area are well below the ES/MCL and that the trend in those wells that do have detectable TCE concentrations is stable or decreasing.

East Disposal Site (Former Plume 5)

Groundwater samples collected from monitoring wells associated with the East Disposal Site (EDS) had not contained detectable concentrations of TCE for a number of years. Following approval by the USEPA, all of the EDS monitoring wells, with the exception of two, were abandoned in 2011. Two "Plume 5" wells (MW-7 and MW-8) formerly associated with the EDS, but located immediately up- or side-gradient of the MRDS, were retained for future water level measurements and "re-classified" as Plume 3/4 monitoring wells.

Extraction Well Pumping Volumes and Cascade Aerator Removal Efficiencies

Extraction wells EW-1R and EW-2 at the MRDS and EW-5 and EW-6 in the SWC are components of the interim remedial action for groundwater, as described in the September 30, 1991, Record of Decision (ROD). The extraction wells have been used since 1994 to remove contaminated groundwater and provide hydraulic gradient control in these two areas of the site (as noted above, the MRDS wells and EW-5 have now been turned off). Groundwater pumped from these wells is directed to cascade aeration systems CAS-1 and CAS-2R, respectively. The goal of the cascade aerators is to remove, by volatilization, a minimum of 25 percent of the VOCs from the pumped groundwater before it is discharged to a storm sewer that in turn discharges to the Chippewa River via a subsurface diffuser.

As discussed above, EW-1R, EW-2, and EW-5 are now considered "non-active". Extraction well EW-6 operated continuously throughout the year, except for a few hours on August 11, 2016.

Samples of the groundwater pumped from EW-6 were collected four times in 2016 prior to the groundwater's discharge to CAS-2R. PDBs were used to collect quarterly samples from EW-5.

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-16-

As required by the WPDES permit for this discharge, four samples were also collected of the treated effluent from CAS-2R in 2016. These samples are collected from manhole MH-18, which is within 60 feet of CAS-2R and receives its discharge. Because EW-1R and EW-2 were “non-active”, discharge samples were not collected from CAS-1 in 2016.

Table 10 provides the annual volumes of groundwater pumped from the MRDS extraction wells (EW-1R and EW-2) to CAS-1 and from the SWC extraction wells (EW-5 and EW-6) to CAS-2R, and the cumulative volume of treated groundwater discharged to the storm sewer from the inception of the system through 2016. Due to the trial shutdown of MRDS extraction wells EW-1R and EW-2 during the first quarter of 2012 and the fact that these wells were not turned back on following the trial shutdown, we continued to treat them as non-discharging wells for 2016. There were no detectable concentrations of NPI VOCs in the samples collected from extraction wells EW-1R and EW-2 in 2016.

In 2016, the total volume of treated groundwater discharged to the storm sewer was 96.44 million gallons. The volume removed from all the extraction wells since March 1994 now totals over 4.3 billion gallons.

Tables 11 and 12 list the concentrations of TCA and TCE, respectively, in the groundwater pumped from the extraction wells. The tables also include all historical TCA and TCE effluent concentrations for each of the cascade aerators, the aerators’ calculated removal efficiencies, and the effluent concentration of the combined effluent discharged from the cascade aerators. Because extraction wells EW-1R and EW-2 were not operating in 2016, there is no need to calculate the removal efficiency for CAS-1. Table 11 shows that the TCA removal efficiency of CAS-2R in 2016 ranged from 33 to 42 percent. Table 12 shows that the TCE removal efficiency of CAS-2R in 2015 ranged from 20 to 36 percent. The lower end of this range is below the removal efficiency goal of 25 percent. The fact that the influent and effluent samples were collected at different times, relatively low concentrations, and J values of both sets of samples are likely the reasons for the lower-than-goal removal efficiencies in June and December.

The discharge from both cascade aerators flows to manhole MH-18 in the southwest corner of the NPI property, from there to the City of Eau Claire storm sewer system, and ultimately discharges to the Chippewa River through a subsurface diffuser. The discharge from the cascade aerators is regulated by the WDNR at MH-18. Sampling of the discharge occurs quarterly for the chlorinated compounds of concern and annually for several metals, pH, hardness, and PAHs. Discharge monitoring reporting (DMR) forms are submitted to the WDNR on a quarterly basis, and an

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-17-

annual summary report is also submitted to the WDNR and USEPA. Table 13 contains the analytical results of all the MH-18 samples collected during the last four years. There have never been any exceedances of the limitations established by the WDNR. The DMRs for the discharge to MH-18 are submitted to the WDNR manager of the Superfund program rather than the manager of the wastewater program, in accordance with a March 12, 2008, WDNR directive.

Groundwater Sampling Schedule for 2017

Table 14 shows the 2017 groundwater sampling schedule for the site. It is basically the same as the 2016 schedule; however, it also includes the wells that are only sampled in odd numbered years.

Findings and Conclusions

As described in our September 24, 2015, *Remedial Alternatives Analysis for the MW-34/70 Area TCE Degreaser Sludge* report, operation of the MW-34/70 area SVE system has removed a substantial mass of TCE. The residual TCE in this area has been shown to be bound relatively tightly to the sludge. However, NPI will continue to operate both mid-depth SVE wells and will rotate the four shallow SVE wells (two at a time) seasonally. Geoprobe sampling will be conducted in the area in 2023 to re-evaluate the effectiveness of the system.

Based on the success of the MW-34/70 area SVE system, seasonal operation of the MRDS SVE system is also proposed to eliminate condensate production and reduce the project's environmental footprint. Continued full-time operation of the system for the protection of groundwater quality appears unnecessary. See GF's August 2017 *MRDS SVE System Trial Seasonal Shutdown Assessment* reports for additional details.

Although the location of the TCE/TCA source area beneath the building has not been completely defined, installation and operation of groundwater extraction well EW-6 reduced TCE/TCA concentrations in groundwater in- and downgradient from this area of the site. The data from monitoring wells and past Geoprobe investigations document that TCE and TCA concentrations in the groundwater at the property boundary remain far below the applicable ESs/MCLs. The installation of SVE vent well VW-1 (began 24/7 operation in January 2015) inside the main building to remove VOCs from the vadose zone beneath the building and improve groundwater quality in that area of the site has been successful. TCE concentrations in monitoring well MW-76A, directly downgradient, decreased an order of magnitude in 2015 and were below the PAL

Gannett Fleming

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-18-

in 2016. In addition, the continued operation of SWC extraction well EW-6 provides hydraulic control and prevents the off-site migration of residual dissolved-phase TCE.

As a result of all remedial activities completed through 2016:

- The general trend of TCE concentrations in Plume 1/2 wells is decreasing and, in 2016, TCE concentrations in all sampled Plume 1/2 wells were below its 5.0 µg/ℓ ES/MCL.
- All NPI VOCs were virtually non-existent in the sampled Plume 3/4 wells, EW-1R, and EW-2. In 2016, for example, TCE was the only NPI VOC present at concentrations above its limit of detection, TCE was detected in samples from just three off-site wells, and all three of those concentrations were below the limit of quantitation.
- Cd concentrations above its ES/MCL of 5 µg/ℓ are confined to a relatively small area immediately adjacent to former Lagoon #1, which includes MW-10A and MW-34A.

Planned Work (2017)

NPI plans the following work in 2017:

- Continue to operate the SVE systems at the MRDS, the shallow and mid-depth wells in the MW-34/70 area, and VW-1 inside the main building to remove additional TCE and protect groundwater quality. Both the MRDS and MW-34/70 area systems will operate seasonally. Field screen, sample, and report results from each system in accordance with agreed upon schedules.
- Continue to operate EW-6, monitor NPI VOCs in the SWC to assess the need to restart extraction well EW-5, sample EW-6 and manhole MH-18, and submit DMRs in accordance with agreed upon schedules.
- Continue to operate and maintain CAS-2R and, if the MRDS extraction wells are restarted, CAS-1.
- Continue to conduct routine quarterly groundwater monitoring. These activities will include the measuring of water levels and sampling of select on- and off-site monitoring wells/piezometers, city production wells, and unit operations at the ECMWF in

Gannett Fleming

Mr. Howard Caine
U.S. Environmental Protection Agency
Ms. Mae Willkom
Wisconsin Department of Natural Resources
November 27, 2017

-19-

accordance with the approved groundwater sampling schedule and QAPP/monitoring plans for the analysis of NPI VOCs and Cd.

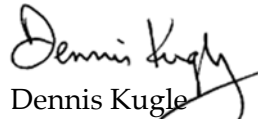
If you have any questions during your review of the report, please call.

Sincerely,

GANNETT FLEMING, INC.



Cliff Wright, P.E., P.G.
Project Engineer



Dennis Kugle
Sr. Project Manager

CCW/jec
Enc.

Electronic cc: Derrick Paul (NPI)
Mark Wichman (USACOE)
Jeff Pippinger (City of Eau Claire)
LeAnne Addy (Village of Lake Hallie)

FIGURES

<u>No.</u>	<u>Description</u>
1	24" x 36" Water Table Groundwater Contour Map (June 2016) with 1993 Plume Locations
2	11" x 17" On-site Groundwater Flow Map (June 2016)
3	11" x 17" Site Plan with Three Existing SVE System Locations
4	11" x 17" Main Building SVE Well and June 2016 SWC Groundwater Contour Map
5	11" x 17" Southwest Corner TCE Concentrations Map (Dec. 2015 – Dec. 2016)

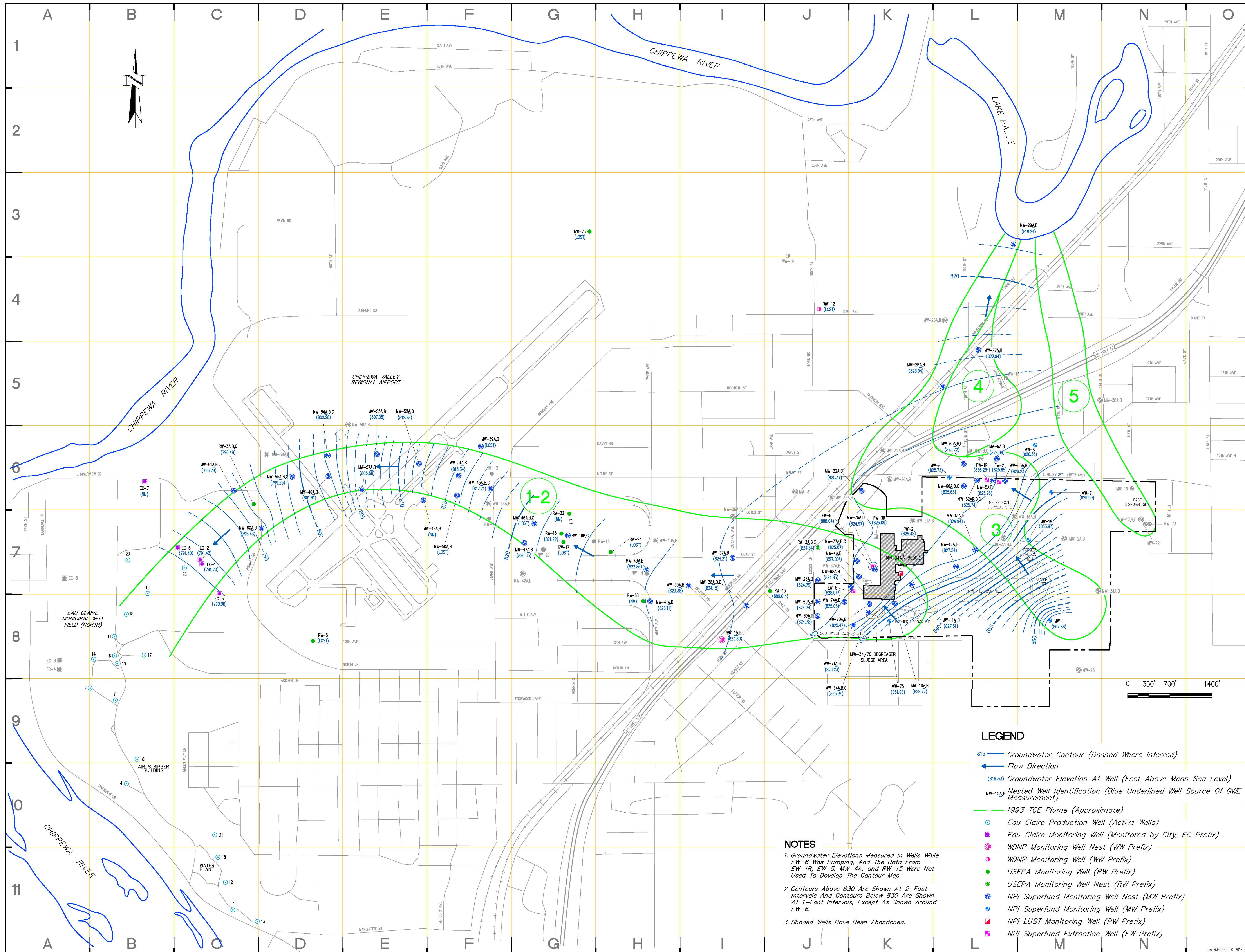
TABLES

<u>No.</u>	<u>Description</u>
1	Well Construction Information
2A	Emission Threshold Information from NR 445.07, Table A, for Detected VOCs in Exhaust Gas Samples
2B	Summary of Air Emissions from TCE Removal by NPI SVE Systems (2013-2016)
3	Water Level Measurements for 2016
4	Analytical Results from the Southwest Corner Extraction Well Samples (2013-2016)
5	Analytical Results from Plume 1/2 Monitoring Wells (2013-2016)
6	Analytical Results from City of Eau Claire Production Wells (2013-2016)
7	Dissolved Cadmium Analytical Results (2013-2016)
8	Analytical Results from Former Plume 3/4 Wells (2013-2016)
9	Analytical Results from Melby Road Extraction Wells (2013-2016)
10	Annual Pumpage from the Four Groundwater Extraction Wells
11	TCA Concentrations in Extraction Wells and Discharge from Cascade Aerators
12	TCE Concentrations in Extraction Wells and Discharge from Cascade Aerators
13	Results from Manhole MH-18 Sampling (2013-2016)
14	2017 Groundwater Sampling Schedule

APPENDICES

A	CD Containing Text of the 2016 Quarterly Data Validation Reports, Historical Analytical Data Summary Tables, and 2016 Laboratory Reports
B	TCE Concentration vs Time Graphs (Plume 1/2)
C	TCE Concentration vs Time Graphs (Former Plume 3/4)

FIGURES



No.	REVISIONS	DATE	BY
0	PRELIMINARY DRAFT.	08/25/17	CJP
1	FIRST DRAFT.	09/25/17	MCM

AREA SITE PLAN WITH WELL AND 1993 PLUME LOCATIONS, INC. AND NATIONAL PRESTO INDUSTRIES, INC. AND EAU CLAIRE MUNICIPAL WELL FIELD
EAU CLAIRE, WISCONSIN



HARRISBURG, PENNSYLVANIA MADISON, WISCONSIN

THIS DRAWING IS AND SHALL REMAIN THE PROPERTY OF GANNETT FLEMING ENGINEERS AND PLANNERS; REUSE ON PROJECT EXTENSIONS OR ANY OTHER PROJECT, OR ALTERATIONS OR ADDITIONS TO THIS PROJECT SHALL BE AT THE USER'S SOLE RISK, AND WITHOUT LIABILITY TO GANNETT FLEMING ENGINEERS AND PLANNERS.

PROJECT
2016 ANNUAL REPORT
NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TITLE
WATERTABLE GROUNDWATER CONTOUR MAP (JUNE 2016) WITH 1993 PLUME LOCATIONS



HARRISBURG, PENNSYLVANIA	MADISON, WISCONSIN
DRAWN BY MCM	SCALE 1" = 700'
DESIGNED BY MCM	PROJECT No. 34283.000
APPROVED BY CCW	DRAWING No.
DATE SEPTEMBER 2017	FIGURE 1

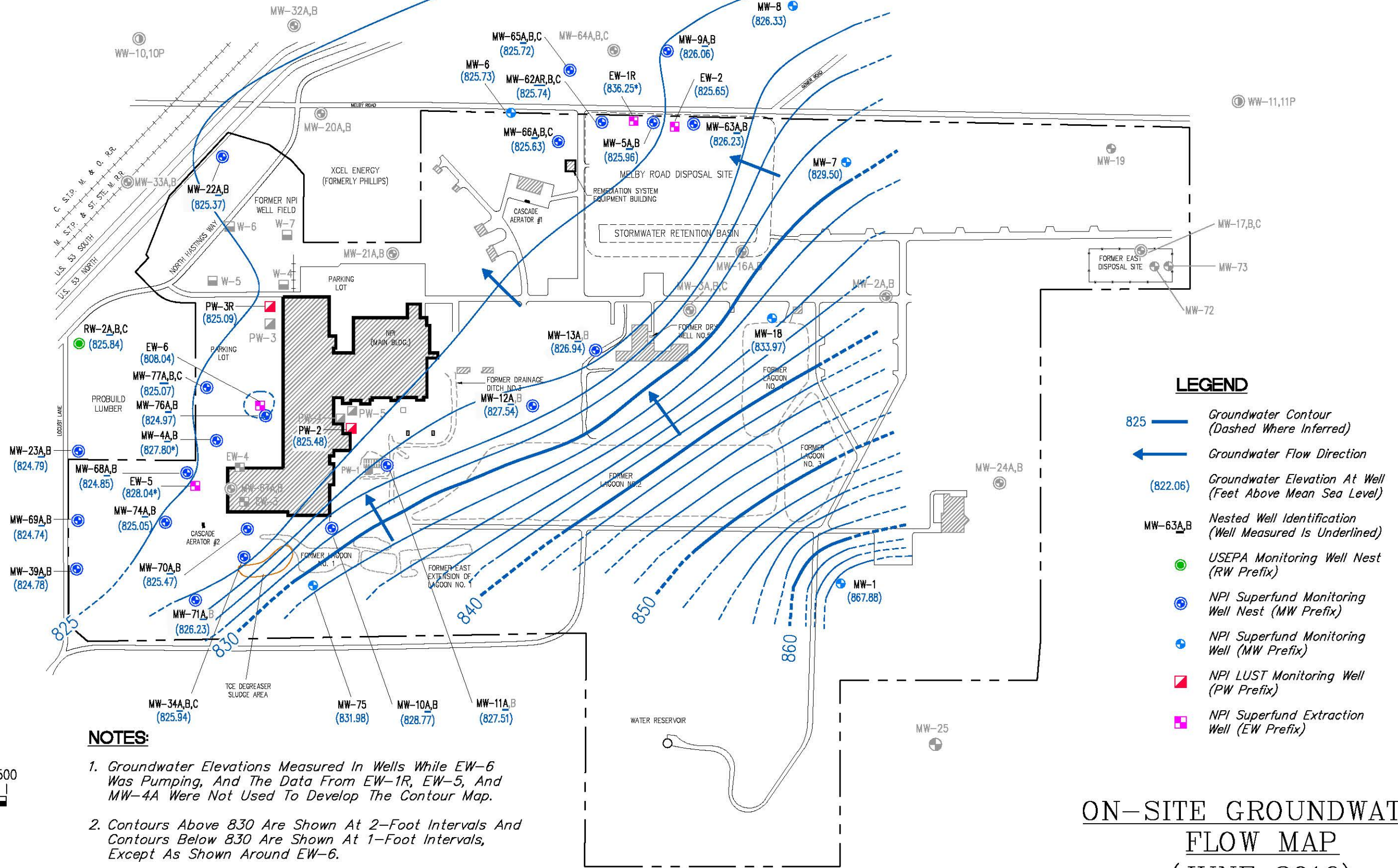
LEGEND

- 815 — Groundwater Contour (Dashed Where Inferred)
- ← Flow Direction
- (816.33) Groundwater Elevation At Well (Feet Above Mean Sea Level)
- MW-10A,B Nested Well Identification (Blue Underlined Well Source Of GWE Measurement)
- 1993 TCE Plume (Approximate)
- Eau Claire Production Well (Active Wells)
- Eau Claire Monitoring Well (Monitored by City, EC Prefix)
- WDNR Monitoring Well Nest (WW Prefix)
- WDNR Monitoring Well (WW Prefix)
- USEPA Monitoring Well (RW Prefix)
- USEPA Monitoring Well Nest (RW Prefix)
- NPI Superfund Monitoring Well Nest (MW Prefix)
- NPI Superfund Monitoring Well (MW Prefix)
- NPI LUST Monitoring Well (PW Prefix)
- NPI Superfund Extraction Well (EW Prefix)

NOTES

1. Groundwater Elevations Measured In Wells While EW-6 Was Pumping, And The Data From EW-16, EW-5, MW-4A, and RW-15 Were Not Used To Develop The Contour Map.
2. Contours Above 830 Are Shown At 2-Foot Intervals And Contours Below 830 Are Shown At 1-Foot Intervals, Except As Shown Around EW-6.
3. Shaded Wells Have Been Abandoned.

092517
ccw_154083-000_2017_01AR_10

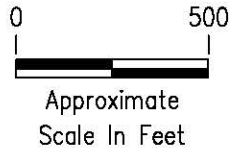


LEGEND

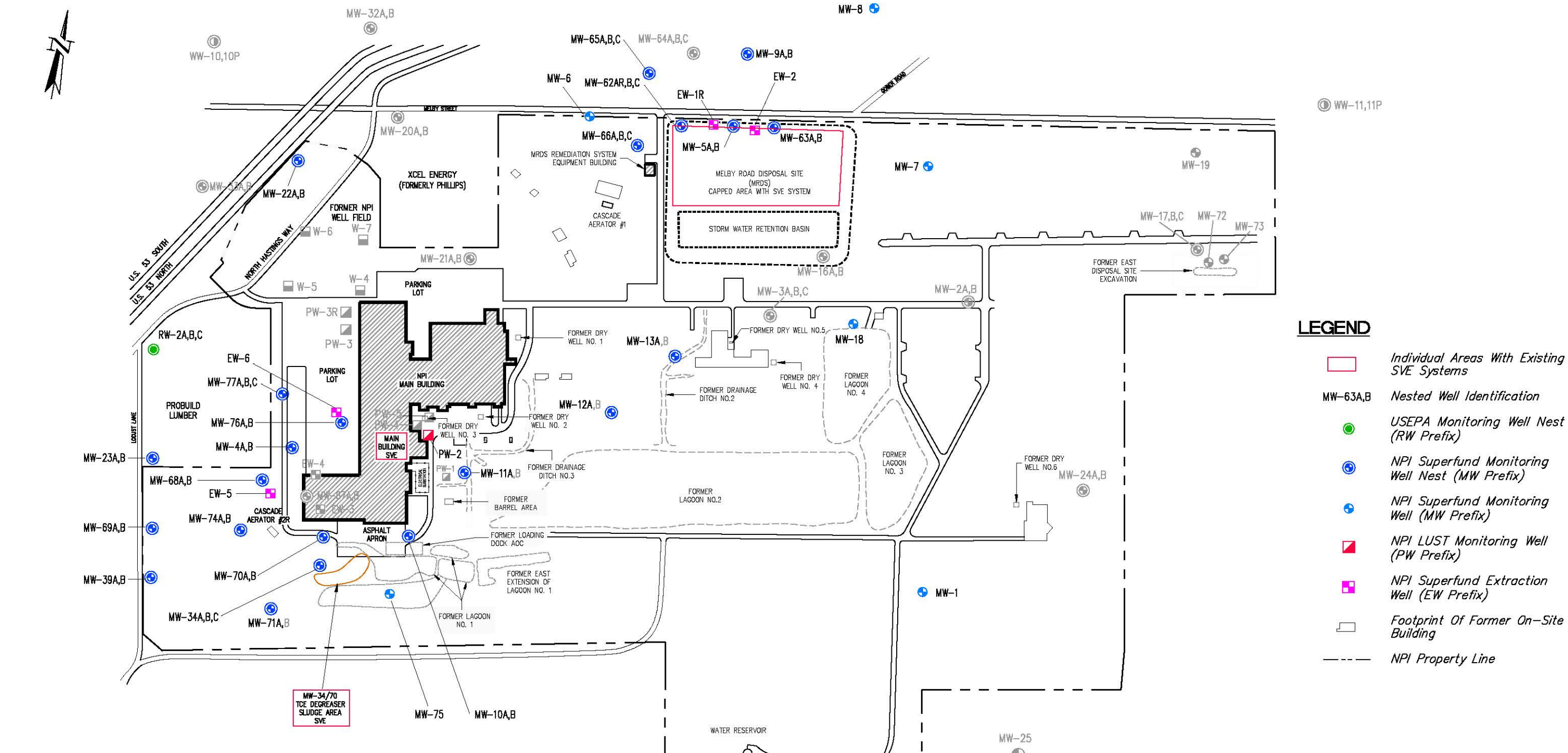
- 825 — Groundwater Contour (Dashed Where Inferred)
- ← Groundwater Flow Direction
- (822.06) Groundwater Elevation At Well (Feet Above Mean Sea Level)
- MW-63A,B Nested Well Identification (Well Measured Is Underlined)
- USEPA Monitoring Well Nest (RW Prefix)
- ⊕ NPI Superfund Monitoring Well Nest (MW Prefix)
- ⊕ NPI Superfund Monitoring Well (MW Prefix)
- ▣ NPI LUST Monitoring Well (PW Prefix)
- ⊕ NPI Superfund Extraction Well (EW Prefix)

NOTES:

1. Groundwater Elevations Measured In Wells While EW-6 Was Pumping, And The Data From EW-1R, EW-5, And MW-4A Were Not Used To Develop The Contour Map.
2. Contours Above 830 Are Shown At 2-Foot Intervals And Contours Below 830 Are Shown At 1-Foot Intervals, Except As Shown Around EW-6.
3. Shaded Wells Have Been Abandoned And Shaded Buildings Have Been Removed.
4. EW-3 Was Replaced By EW-5 On January 7, 2004, And EW-4 Was Replaced By EW-6 On September 22, 2011.



**ON-SITE GROUNDWATER
 FLOW MAP
 (JUNE 2016)**
 2016 ANNUAL REPORT
 NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN

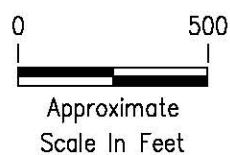


LEGEND

- Individual Areas With Existing SVE Systems
- MW-63A,B Nested Well Identification
- USEPA Monitoring Well Nest (RW Prefix)
- ⊕ NPI Superfund Monitoring Well Nest (MW Prefix)
- ⊕ NPI Superfund Monitoring Well (MW Prefix)
- NPI LUST Monitoring Well (PW Prefix)
- NPI Superfund Extraction Well (EW Prefix)
- Footprint Of Former On-Site Building
- - - - - NPI Property Line

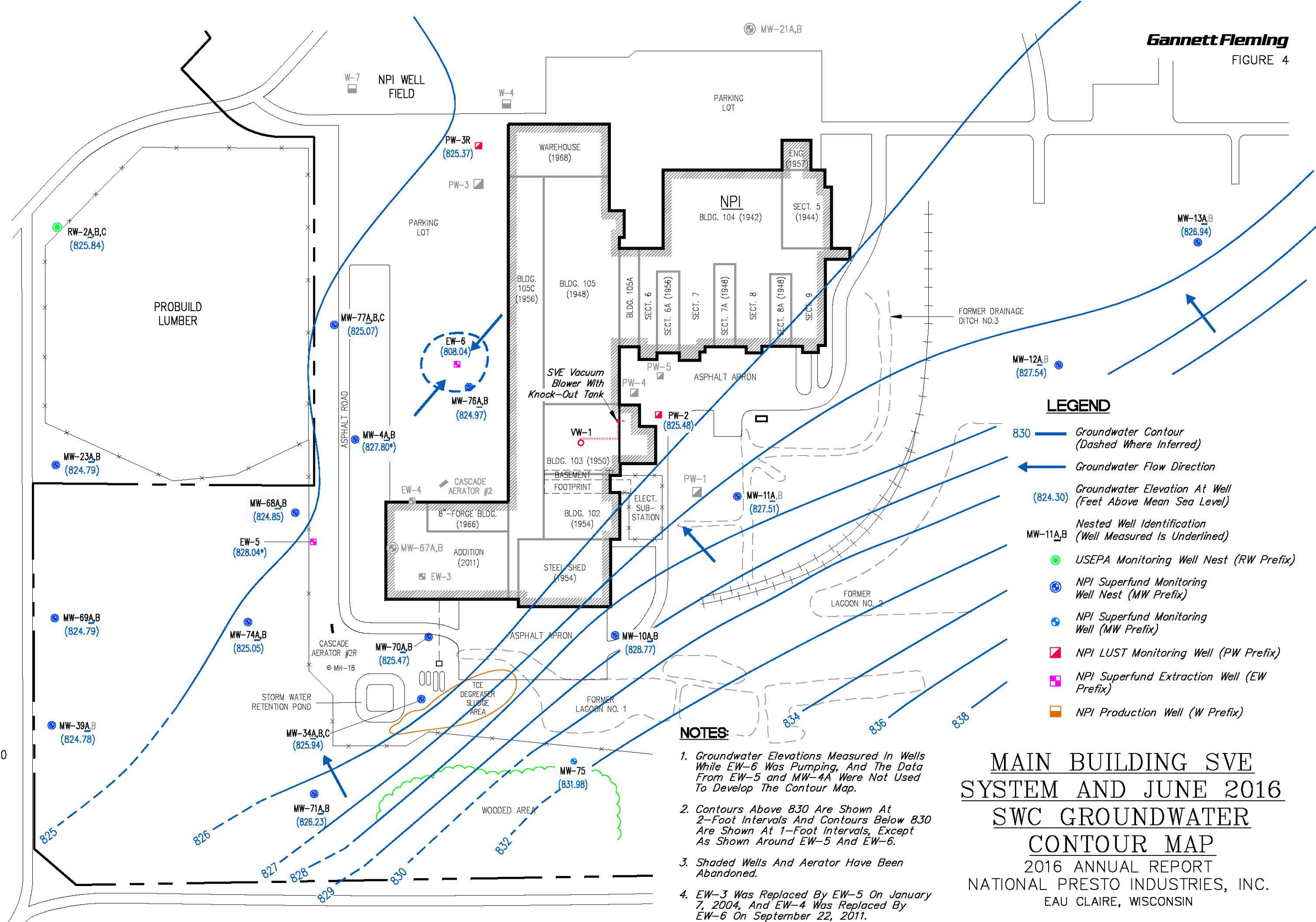
NOTES:

1. Except For The South Half Of Lagoon No.1, Which Was Simply Backfilled With Clean Sand In 1981 At The Request Of WDNR, All Other Former Disposal Areas Were Excavated Prior To Being Backfilled With Clean Sand And/Or Regraded.
2. Shaded Wells Have Been Abandoned And Shaded Buildings Have Been Demolished And Removed.



SITE PLAN WITH THREE EXISTING SVE SYSTEM LOCATIONS

2016 ANNUAL REPORT
NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN



LEGEND

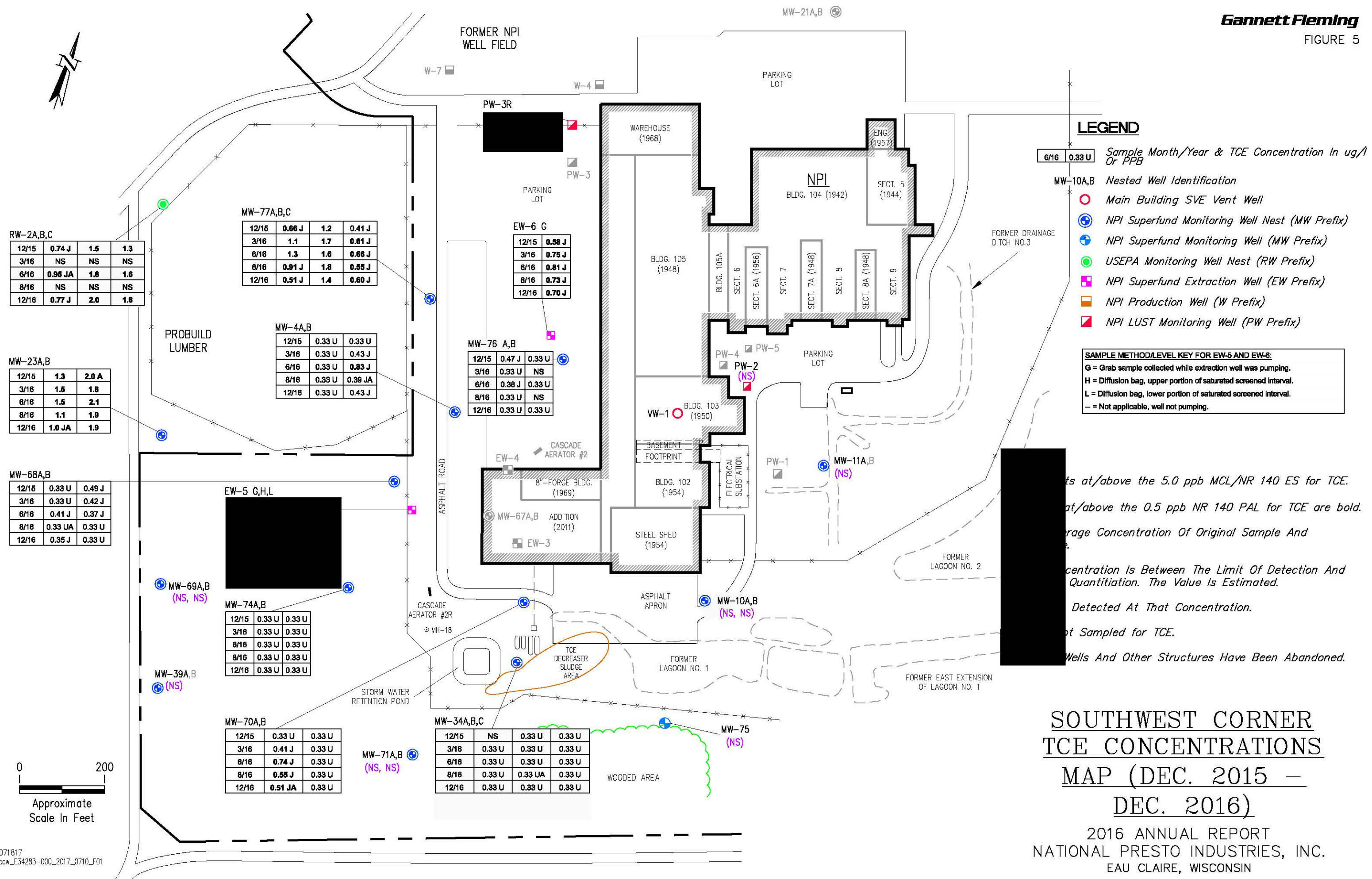
- 830 — Groundwater Contour (Dashed Where Inferred)
- ← Groundwater Flow Direction
- (824.30) — Groundwater Elevation At Well (Feet Above Mean Sea Level)
- MW-11A,B — Nested Well Identification (Well Measured Is Underlined)
- — USEPA Monitoring Well Nest (RW Prefix)
- ⊙ — NPI Superfund Monitoring Well Nest (MW Prefix)
- ⊕ — NPI Superfund Monitoring Well (MW Prefix)
- ▣ — NPI LUST Monitoring Well (PW Prefix)
- — NPI Superfund Extraction Well (EW Prefix)
- — NPI Production Well (W Prefix)

NOTES:

1. Groundwater Elevations Measured In Wells While EW-6 Was Pumping, And The Data From EW-5 and MW-4A Were Not Used To Develop The Contour Map.
2. Contours Above 830 Are Shown At 2-Foot Intervals And Contours Below 830 Are Shown At 1-Foot Intervals, Except As Shown Around EW-5 And EW-6.
3. Shaded Wells And Aerator Have Been Abandoned.
4. EW-3 Was Replaced By EW-5 On January 7, 2004, And EW-4 Was Replaced By EW-6 On September 22, 2011.

MAIN BUILDING SVE SYSTEM AND JUNE 2016 SWC GROUNDWATER CONTOUR MAP
 2016 ANNUAL REPORT
 NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN





...ts at/above the 5.0 ppb MCL/NR 140 ES for TCE.

...at/above the 0.5 ppb NR 140 PAL for TCE are bold.

...verage Concentration Of Original Sample And

...centration Is Between The Limit Of Detection And Quantitation. The Value Is Estimated.

...Detected At That Concentration.

...ot Sampled for TCE.

...Wells And Other Structures Have Been Abandoned.

**SOUTHWEST CORNER
TCE CONCENTRATIONS
MAP (DEC. 2015 –
DEC. 2016)**

2016 ANNUAL REPORT
NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLES

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 1

WELL CONSTRUCTION INFORMATION

Well/Piezometer ID (description/comment)	Plume	Grid Coord.	FN	Drilling Method	Completion Date or Year	Screened Interval (ft bgs)	Screened In (description of material)	Casing Dia- meter (inches)	Well Top Type	Casing/ Screen Material	Top of Casing Elevation (ft MSL)	Date of Abandonment
CW-10 (city production well)	1/2	B8		CT	1945	65-95	Gravel	20		Bronze	--	NA
CW-11	1/2	B8		CT	1947	56-90	Gravel	20		Bronze	--	NA
CW-14	1/2	B8		CT	1968	63-99	Gravel packed	16		SS	--	NA
CW-15	1/2	B8		CT	1968	62-87	Gravel packed	16		SS	--	NA
CW-16	1/2	B8		CT	1975	75-110	Gravel	20		SS	--	NA
CW-17	1/2	B8		CT	1975	65-100	Gravel	20		SS	--	NA
CW-19	1/2	B7		CT	1992	72-97	Gravel	20		SS	--	NA
CW-22	1/2	C7		CT	2017	54-100	Gravel	20		SS	--	NA
CW-23	1/2	B7		CT	2017	55-80	Gravel	20		SS	--	NA
EC-1 (city monitoring well)	1/2	C7		--	12/16/82	90-100	--	4	P	Steel	813.95	NA
EC-2	1/2	C7		--	12/20/82	18-28	--	4	P	Steel	814.44	NA
EC-3	1/2	A8		--	12/23/82	53-75	--	6	P	Steel	799.58	09/04/08
EC-4	1/2	A8		--	01/31/83	9-19	--	4	P	Steel	800.84	09/04/08
EC-5	1/2	C7		--	12/23/82	17-27	--	4	P	Steel	813.56	NA
EC-6	1/2	C7		--	01/04/83	15-25	--	4	P	Steel	813.19	NA
EC-7 (approved for abandonment-kept by city)	1/2	B6		--	01/05/83	19-29	--	4	P	Steel	816.22	NA
EC-8	1/2	A7		--	01/07/83	20-30	--	4		Steel	812.93	09/04/08
EW-1 (fka MW-14)	3/4	L6	1	AR	03/05/87	62.5-97.5	Alluvium	5		Steel	896.00	08/25/95
EW-1R (replaced EW-1)	3/4	L6		HSA/CT	08/25/95	75-100	Alluvium	6	F	SS	900.08	NA
EW-2 (fka MW-15)	3/4	L6		AR	02/26/87	69-104	Alluvium	8	F	Steel	901.45	NA
EW-3 (Last sampled 7/22/03)	1/2	K8		MR	09/01/92	65.2-85.2	Alluvium	6	Vault	Steel	897.22	06/24/10
EW-4	1/2	K7		MR	09/03/92	72-92	Alluvium	6	Vault	Steel	898.23	10/14/10
EW-5	1/2	K7		MR	07/10/03	70-90	Alluvium	6	Vault	Steel/SS	889.90	NA
EW-6	1/2	K7		Sonic	08/06/11	70.3-100.3	Alluvium	6	Vault	Steel/SS	894.89	NA
MW-1	3/4	M8	2	HSA	10/26/76	39.5-49.5	Alluvium	2	P	PVC	910.26	NA
MW-2A	3/4	M7	2,4	HSA	10/27/76	45-55	Bedrock	2		PVC	905.19	07/15/88
MW-2B	3/4	M7	2	HSA	10/27/76	6-16	Alluvium	2		PVC	905.19	07/15/88
MW-3A	3/4	L7	2,4	HSA	10/28/76	69-72	Bedrock	2		PVC	899.95	07/15/88
MW-3B	3/4	L7	2,4	HSA	10/28/76	73-76	Bedrock	2		PVC	899.95	07/15/88
MW-3C	3/4	L7	2,4	HSA	10/28/76	77-80	Bedrock	2		PVC	899.95	07/15/88
MW-4A	1/2	K7	2	HSA	10/28/76	70-80	Alluvium	2	P	PVC	898.42	NA
MW-4B	1/2	K7		MR	05/24/90	95-105	Alluvium	2	P	PVC	894.39	NA
MW-5A	3/4	L6	2	HSA	02/27/84	64-81	Alluvium	2	P	PVC	902.60	NA
MW-5B	3/4	L6	2	MR	12/05/86	87-97	Alluvium	2	P	PVC	902.39	NA
MW-6	3/4	L6	2	HSA	01/10/85	73.8-88.8	Alluvium	2	P	PVC	904.70	NA
MW-7	3/4	M6	2,4	MR	01/08/85	62-77	Bedrock	2	P	PVC	897.73	NA
MW-8	3/4	M6	2	HSA	01/11/85	75-90	Alluvium	2	P	PVC	904.24	NA
MW-9A	3/4	L6	2	MR	03/28/85	80-90	Alluvium	2	P	PVC	905.30	NA
MW-9B	3/4	L6	2,4	HSA	03/28/85	98-113	Bedrock	2	P	PVC	905.30	NA
MW-10A	1/2	K8	4	HSA	11/14/86	56-71	Both	2	P	PVC	894.84	NA
MW-10B	1/2	K8	4	MR	11/14/86	90.5-100.5	Bedrock	2	P	PVC	894.91	NA
MW-11A	1/2	K7		HSA	11/15/86	58-73	Alluvium	2	P	PVC	896.03	NA
MW-11B	1/2	K7	4	MR	11/17/86	77-87	Bedrock	2	P	PVC	896.27	11/23/11
MW-12A	1/2	L7		HSA	11/18/86	58-73	Alluvium	2	P	PVC	897.09	NA
MW-12B	1/2	L7	4	MR	11/18/86	77.5-87.5	Bedrock	2	P	PVC	897.20	11/23/11
MW-13A	3/4	L7		HSA	11/21/86	58.5-73.5	Alluvium	2	P	PVC	896.86	NA
MW-13B	3/4	L7	4	HAS	11/21/86	81-91	Bedrock	2	P	PVC	?	11/23/11
MW-14 (nka EW-1)	3/4	L6	1	AR	03/05/87	62.5-97.5	Alluvium	2		Steel	896.00	03/05/87
MW-15 (nka EW-2)	3/4	L6		AR	02/26/87	69-104	Alluvium	2		Steel	895.81	02/26/87
MW-16A	3/4	M7	4	HSA	11/25/86	58-73	Bedrock	2		PVC	896.62	08/21/98
MW-16B	3/4	M7	4	MR	11/24/86	83.5-93.5	Bedrock	2		PVC	896.51	08/21/98
MW-17	5	N7	4	HSA	12/03/86	25-40	Both	2	P	PVC	898.91	11/23/11
MW-17B	5	N7	4	HSA	12/04/86	50-60	Bedrock	2	P	PVC	899.12	11/23/11
MW-17C	5	N7	4	MR	05/20/88	70-80	Bedrock	2	P	PVC	899.50	11/23/11
MW-18	3/4	M7	4	HSA	05/19/88	58-73	Bedrock	2	P	PVC	898.38	NA
MW-19	5	N6	4	HSA	05/17/88	58-73	Bedrock	2	P	PVC	898.89	11/30/11

TABLE 1

WELL CONSTRUCTION INFORMATION

Well/Piezometer ID (description/comment)	Plume	Grid Coord.	FN	Drilling Method	Completion Date or Year	Screened Interval (ft bgs)	Screened In (description of material)	Casing Dia- meter (inches)	Well Top Type	Casing/ Screen Material	Top of Casing Elevation (ft MSL)	Date of Abandonment
MW-20A	3/4	K6		HSA	05/25/88	65.5-80.5	Alluvium	2		PVC	897.82	04/15/95
MW-20B	3/4	K6		HSA	06/01/88	92-102	Alluvium	2		PVC	896.74	04/15/95
MW-21A	3/4	K7		HSA	05/23/88	67-82	Alluvium	2		PVC	899.27	04/07/10
MW-21B	3/4	K7		MR	05/20/88	92-102	Alluvium	2		PVC	898.95	04/07/10
MW-22A	3/4	K6		HSA	06/03/88	66.5-81.5	Alluvium	2	P	PVC	900.79	NA
MW-22B	3/4	K6		HSA	06/01/88	91.5-101.5	Alluvium	2	P	PVC	900.75	NA
MW-23A	1/2	J7		HSA	06/04/88	65-80	--	2	P	PVC	895.99	NA
MW-23B	1/2	J7		HSA	06/03/88	90-100	--	2	P	PVC	895.95	NA
MW-24A	3/4	M7	4	MR	05/25/88	45-60	Bedrock	2		PVC	915.66	09/05/08
MW-24B	3/4	M7	4	MR	05/23/88	70-80	Bedrock	2		PVC	915.57	09/05/08
MW-25	3/4	M8	4	HSA	05/17/88	39-54	Both	2		PVC	930.35	09/05/08
MW-26A	3/4	L5		HSA	06/22/89	63-78	Alluvium	2	F	PVC	890.17	NA
MW-26B	3/4	L5		MR	06/20/89	109-119	Alluvium	2	F	PVC	890.03	NA
MW-27A	3/4	L5		HSA	06/21/89	62-77	Alluvium	2	F	PVC	890.20	NA
MW-27B	3/4	L5		MR	06/20/89	85.3-95.3	Alluvium	2	F	PVC	890.15	NA
MW-28A	3/4	L4		HSA	06/08/89	65-80	Alluvium	2		PVC	892.86	06/15/99
MW-28B	3/4	L4		MR	06/08/89	113-123	Alluvium	2		PVC	893.16	06/15/99
MW-29A	3/4	L3		HSA	05/25/89	69-84	Alluvium	2	P	PVC	892.72	NA
MW-29B	3/4	L3		MR	05/31/89	124-134	Alluvium	2	P	PVC	892.49	NA
MW-30A	5	M5		HSA	06/12/89	66-81	Alluvium	2		PVC	898.69	09/08/08
MW-30B	5	M5		MR	06/10/89	115-125	Alluvium	2		PVC	898.49	09/08/08
MW-31	1/2	J6		HSA	06/02/89	56-71	Alluvium	2		PVC	887.65	09/09/08
MW-32A	3/4	K6		HSA	06/23/89	59-74	Alluvium	2		PVC	887.83	04/08/95
MW-32B	3/4	K6		MR	06/21/89	90-100	Alluvium	2		PVC	887.77	04/08/95
MW-33A	1/2	J6		HSA	07/07/89	55-70	Alluvium	2		PVC	885.30	04/07/10
MW-33B	1/2	J6		MR	07/07/89	100-110	Alluvium	2		PVC	885.25	04/07/10
MW-34A (data per boring log)	1/2	K8		HSA	06/08/90	67-72	Alluvium	2	P	PVC	895.36	NA
MW-34B (data per boring log)	1/2	K8	4	MR	05/31/90	90-100	Both	2	P	PVC	895.28	NA
MW-34C	1/2	K8	4	--	--	?-102	Bedrock	2	P	PVC	895.25	NA
MW-35A	1/2	I7		HSA	05/31/90	59-74	Alluvium	2	P	PVC	888.28	NA
MW-35B	1/2	I7		MR	06/06/90	84-94	Alluvium	2	P	PVC	888.02	NA
MW-36A	1/2	I7		HSA	06/06/90	63.5-78.5	Alluvium	2	F	PVC	889.87	11/23/11
MW-36B	1/2	I7		MR	06/07/90	88.5-98.5	Alluvium	2	F	PVC	889.89	11/23/11
MW-37A	1/2	I7		HSA	12/18/90	55.7-70.7	Alluvium	2	F	PVC	885.55	NA
MW-37B	1/2	I7		HSA	02/12/91	68.5-73.5	Alluvium	2	F	PVC	885.27	NA
MW-38A	1/2	I8		HSA	12/16/90	54.5-69.5	Alluvium	2	F	PVC	884.89	NA
MW-38B	1/2	I8		HSA	02/05/91	97.5-107.5	Alluvium	2	F	PVC	884.82	NA
MW-38C	1/2	I8		MR	01/13/91	139.2-149.2	Alluvium	2	F	PVC	884.83	NA
MW-39A	1/2	J8		HSA	12/11/90	62.5-77.5	Alluvium	2	P	PVC	896.17	NA
MW-39B	1/2	J8		MR	01/26/91	114.8-124.8	Alluvium	2	P	PVC	896.38	11/29/11
MW-40A	1/2	H7		HSA	12/20/90	58-73	Alluvium	2		PVC	886.57	08/24/09
MW-40B	1/2	H7		MR	01/16/91	79-89	Alluvium	2		PVC	886.34	08/24/09
MW-41A	1/2	H8		HSA	12/19/90	56-71	Alluvium	2	F	PVC	884.04	NA
MW-41B	1/2	H8		MR	01/23/91	102.5-112.5	Alluvium	2	F	PVC	883.84	NA
MW-42A	1/2	G7		HSA	01/31/91	65.5-75.5	Alluvium	2	P	PVC	891.83	11/29/11
MW-42B	1/2	G7		MR	01/17/91	74.5-84.5	Alluvium	2	P	PVC	891.32	11/29/11
MW-43A	1/2	H7		HSA	02/12/91	61-76	Alluvium	2	F	PVC	885.34	NA
MW-43B	1/2	H7		MR	02/11/91	107.5-117.5	Alluvium	2	F	PVC	885.35	NA
MW-44A	1/2	F6		HSA	08/20/91	62-67	Alluvium	2	F	PVC	885.35	08/25/15
MW-44B	1/2	F6		HSA	08/24/91	114-124	Alluvium	2	F	PVC	885.34	08/25/15
MW-45A	1/2	F6		HSA	08/21/91	63-78	Alluvium	2	F	PVC	886.20	NA
MW-45B	1/2	F6		MR	09/11/91	101-111	Alluvium	2	F	PVC	886.26	NA
MW-45C	1/2	F6		MR	08/26/91	134-144	Alluvium	2	F	PVC	886.05	NA
MW-46A (not found)	1/2	G7		HSA	08/22/91	60-75	Alluvium	2	P	PVC	885.46	NA
MW-46B (not found)	1/2	G7		MR	09/12/91	99.5-109.5	Alluvium	2	P	PVC	885.42	NA
MW-46C (not found)	1/2	G7		MR	08/28/91	134.3-144.3	Alluvium	2	P	PVC	885.38	NA
MW-47A	1/2	G7		HSA	08/23/91	60-75	Alluvium	2	P	PVC	888.39	NA
MW-47B	1/2	G7		MR	09/04/91	100-110	Alluvium	2	P	PVC	888.24	NA
MW-48A	1/2	E6		HSA	09/07/91	66.5-81.5	Alluvium	2	F	PVC	885.15	12/01/11
MW-48B	1/2	E6		MR	09/06/91	93-103	Alluvium	2	F	PVC	885.40	12/01/11

TABLE 1

WELL CONSTRUCTION INFORMATION

Well/Piezometer ID (description/comment)	Plume	Grid Coord.	FN	Drilling Method	Completion Date or Year	Screened Interval (ft bgs)	Screened In (description of material)	Casing Dia- meter (inches)	Well Top Type	Casing/ Screen Material	Top of Casing Elevation (ft MSL)	Date of Abandonment
MW-49A	1/2	D6		HSA	09/10/91	78.5-91.5	Alluvium	2	F	PVC	883.04	NA
MW-49B	1/2	D6		MR	09/09/91	107-117	Alluvium	2	F	PVC	883.02	NA
MW-50A (not found)	1/2	F6		HSA	09/16/91	63.4-78.4	Alluvium	2	F	PVC	883.61	NA
MW-50B (not found)	1/2	F6		MR	09/15/91	95-105	Alluvium	2	F	PVC	883.57	NA
MW-51A	1/2	F6		HSA	09/17/91	63.5-78.5	Alluvium	2	F	PVC	884.02	NA
MW-51B	1/2	F6		MR	09/17/91	102-112	Alluvium	2	F	PVC	883.99	NA
MW-52A	1/2	F6		HSA	10/02/91	67.4-82.4	Alluvium	2	F	PVC	884.13	NA
MW-52B	1/2	F6		MR	10/02/91	113-123	Alluvium	2	F	PVC	884.12	NA
MW-53A	1/2	E6		HSA	10/05/91	76-91	Alluvium	2	F	PVC	887.93	NA
MW-53B	1/2	E6		MR	10/05/91	112-123	Alluvium	2	F	PVC	888.25	NA
MW-54A	1/2	D6		HSA	10/10/91	77-92	Alluvium	2	F	PVC	883.78	NA
MW-54B	1/2	D6		MR	10/11/91	112-122	Alluvium	2	F	PVC	883.87	NA
MW-54C	1/2	D6		MR	10/09/91	142-152	Alluvium	2	F	PVC	883.66	NA
MW-55A	1/2	D6		HSA	11/05/91	78-93	Alluvium	2	F	PVC	881.75	NA
MW-55B	1/2	D6		MR	11/26/91	118.5-128.5	Alluvium	2	F	PVC	882.08	NA
MW-55C	1/2	D6		MR	11/04/91	154-164	Alluvium	2	F	PVC	881.91	NA
MW-56A	1/2	E5		HSA	11/06/91	75.5-90.5	Alluvium	2		PVC	885.67	09/04/08
MW-56B	1/2	E5		MR	11/11/91	150-160	Alluvium	2		PVC	885.89	09/04/08
MW-57A	1/2	E6		HSA	11/23/91	76-91	Alluvium	2	F	PVC	886.31	NA
MW-57B	1/2	E6		MR	11/21/91	108-118	Alluvium	2	F	PVC	886.13	NA
MW-58A	1/2	D6		HSA	11/07/91	76-91	Alluvium	2	F	PVC	880.88	?
MW-58B	1/2	D6		MR	11/13/91	112-122	Alluvium	2	F	PVC	880.96	12/01/11
MW-59A (approved for abandonment, but can't find)	1/2	F6		HSA	11/08/91	62-77	Alluvium	2		PVC	882.00	NA
MW-59B (approved for abandonment, but can't find)	1/2	F6		MR	11/19/91	129-139	Alluvium	2		PVC	882.07	NA
MW-60A	1/2	D7		HSA	12/04/91	78.5-93.5	Alluvium	2	F	PVC	879.19	NA
MW-60B	1/2	D7		MR	12/08/91	104-114	Alluvium	2	F	PVC	879.09	NA
MW-61A	1/2	C6		HSA	12/05/91	78.5-93.5	Alluvium	2	F	PVC	879.37	NA
MW-61B	1/2	C6		MR	12/11/91	124-134	Alluvium	2	F	PVC	879.58	NA
MW-62A	3/4	L6		HSA	06/25/92	61-76	Alluvium	2		PVC	893.69	12/22/98
MW-62AR	3/4	L6		HSA	12/22/98	71-86	Alluvium	2	P	PVC	901.75	NA
MW-62B	3/4	L6		MR	06/30/92	96-106	Alluvium	2	P	PVC	901.79	NA
MW-62C	3/4	L6		MR	06/24/92	126.5-136.5	Alluvium	2	P	PVC	901.15	NA
MW-63A	3/4	M6		HSA	06/28/92	65-80	Alluvium	2	P	PVC	899.05	NA
MW-63B	3/4	M6		MR	06/27/92	95-105	Alluvium	2	P	PVC	899.13	NA
MW-64A	3/4	L6		HSA	07/08/92	63.5-78.5	Alluvium	2	P	PVC	894.89	05/08/14
MW-64B	3/4	L6		MR	07/08/92	103.8-113.8	Alluvium	2	P	PVC	895.24	05/08/14
MW-64C	3/4	L6		MR	07/01/92	139-149	Alluvium	2	P	PVC	894.75	05/08/14
MW-65A	3/4	L6		HSA	07/02/92	60.4-75.4	Alluvium	2	P	PVC	891.68	NA
MW-65B	3/4	L6		MR	07/08/92	100-110	Alluvium	2	P	PVC	891.62	NA
MW-65C	3/4	L6		MR	07/07/92	133.9-143.9	Alluvium	2	P	PVC	891.77	NA
MW-66A	3/4	L6		HSA	06/27/92	66.5-81.5	Alluvium	2	P	PVC	900.53	NA
MW-66B	3/4	L6		MR	07/01/92	111-121	Alluvium	2	P	PVC	900.26	NA
MW-66C	3/4	L6		MR	06/27/92	150-160	Alluvium	2	P	PVC	900.43	NA
MW-67A	1/2	K7		HSA	06/22/92	61-76	Alluvium	2		PVC	895.96	09/22/10
MW-67B	1/2	K7		MR	07/09/92	77.8-82.8	Alluvium	2		PVC	895.79	09/22/10
MW-68A	1/2	J7		HSA	07/08/92	63.5-78.5	Alluvium	2	P	PVC	896.47	NA
MW-68B	1/2	J7		MR	06/19/92	97-107	Alluvium	2	P	PVC	896.77	NA
MW-69A	1/2	J8		HSA	07/09/92	65-80	Alluvium	2	P	PVC	898.02	NA
MW-69B	1/2	J8		MR	06/21/92	108.8-118.8	Alluvium	2	P	PVC	898.23	NA
MW-70A	1/2	K8		HSA	06/22/92	62-77	Alluvium	2	P	PVC	895.68	NA
MW-70B	1/2	K8		HSA	07/10/92	77-82	Alluvium	2	P	PVC	895.67	NA
MW-71A	1/2	K8		MR	06/17/92	57-72	Alluvium	2	P	PVC	894.70	NA
MW-71B	1/2	K8	4	MR	07/09/92	79-89	Both	2	P	PVC	894.89	11/23/11
MW-72	5	N7		HSA	09/09/98	34-49	Both	2	P	PVC	899.26	11/23/11
MW-73	5	N7		HSA	09/09/98	32-47	Both	2	P	PVC	899.71	11/23/11
MW-74A	1/2	J8		HSA	07/08/03	66-76	Alluvium	2	P	PVC	896.08	NA
MW-74B	1/2	J8	4	MR	07/09/03	95-100	Bedrock	2	P	PVC	895.88	NA
MW-75	1/2	K8	4	HSA	07/11/03	56-66	Bedrock	2	P	PVC	890.61	NA

TABLE 1

WELL CONSTRUCTION INFORMATION

Well/Piezometer ID (description/comment)	Plume	Grid Coord.	FN	Drilling Method	Completion Date or Year	Screened Interval (ft bgs)	Screened In (description of material)	Casing Dia- meter (inches)	Well Top Type	Casing/ Screen Material	Top of Casing Elevation (ft MSL)	Date of Abandonment
MW-76A	1/2	K7		Sonic	09/22/10	65-80	Alluvium	2	F	PVC	894.80	NA
MW-76B	1/2	K7		Sonic	09/22/10	95-100	Alluvium	2	F	PVC	895.12	NA
MW-77A	1/2	K7		Sonic	09/22/10	65-80	Alluvium	2	F	PVC	895.22	NA
MW-77B	1/2	K7		Sonic	09/21/10	95-100	Alluvium	2	F	PVC	895.21	NA
MW-77C	1/2	K7		Sonic	09/21/10	115-120	Alluvium	2	F	PVC	895.18	NA
PW-1	1/2	K7		HSA	01/05/94	65-75	Alluvium	2		PVC	898.28	09/08/08
PW-2 (approved for aband.-kept for WL measurements)	1/2	K7		HSA	01/03/94	66-76	Alluvium	2		PVC	894.71	NA
PW-3	1/2	K7		HSA	07/12/94	69-79	Alluvium	2		PVC	898.83	06/15/96
PW-3R	1/2	K7		HSA	11/22/96	69-79	Alluvium	2	F	PVC	896.21	08/18/17
PW-4	1/2	K7		HSA	07/12/97	68-78	Alluvium	2		PVC	895.59	09/08/08
PW-5	1/2	K7		HSA	07/13/94	67-77	Alluvium	2		PVC	886.93	01/15/04
PW-67 (Owner: Joles)	5	M4		--	--	--	--	--		--	--	NA
PW-218 (Owner: Martens)	5	M4		--	--	--	--	--		--	--	NA
PW-230 (Owner: Ihlenfeld)	5	M4		--	--	--	--	--		--	--	NA
RW-1	1/2	F7		HSA	12/12/85	60.5-112.5	Alluvium	2		PVC	887.19	07/27/09
RW-2A	1/2	J7		HSA	01/03/86	69-79	Alluvium	2	P	PVC	897.18	NA
RW-2B	1/2	J7		HSA	01/04/86	91-101	Alluvium	2	P	PVC	896.78	NA
RW-2C	1/2	J7		HSA	12/15/85	108-118	Alluvium	2	P	PVC	897.57	NA
RW-3A	1/2	C6		HSA	12/19/85	79-89	Alluvium	2	P	PVC	881.78	NA
RW-3B	1/2	C6		HSA	01/07/86	96-106	Alluvium	2	P	PVC	881.48	NA
RW-3C	1/2	C6		HSA	01/05/86	108.5-118.5	Alluvium	2	P	PVC	881.30	NA
RW-4	1/2	H9	4	HSA	02/04/86	53-78	Both	2		PVC	884.65	09/10/08
RW-5 (approved for abandonment, but can't find)	1/2	D8		HSA	01/18/86	82-112	Alluvium	2		PVC	882.19	NA
RW-6	1/2	D7	4	HSA	02/11/86	78.5-103.5	Both	2		PVC	883.89	09/03/08
RW-7	1/2	H6		HSA	01/29/86	68-118	Alluvium	2		PVC	890.71	09/10/08
RW-8	1/2	G5		HSA	02/05/86	64-109	Alluvium	2		PVC	889.12	09/09/08
RW-9	1/2	D4		HSA	01/20/86	75.5-105.5	Alluvium	2		PVC	886.62	09/10/08
RW-10	1/2	D6		HSA	07/21/87	70-120	Alluvium	2		PVC	888.28	09/04/08
RW-11	1/2	E5		HSA	07/21/87	65-120	Alluvium	2		PVC	890.45	09/03/08
RW-12	1/2	F6		HSA	07/22/87	60-120	Alluvium	2		PVC	891.01	07/27/09
RW-13	1/2	F8	4	HSA	08/11/87	65-75	Bedrock	2		PVC	885.57	09/03/08
RW-14	1/2	H7		HSA	07/24/87	54-114	Alluvium	2		PVC	888.06	07/27/09
RW-15	1/2	J7		HSA	07/24/87	52-92	Alluvium	2	P	PVC	874.76	NA
RW-16	1/2	G7		HSA	07/28/87	63-73	Alluvium	2	P	SS	888.87	NA
RW-16B	1/2	G7		HSA	02/06/91	103-113	Alluvium	2	P	PVC	889.66	NA
RW-16C	1/2	G7		MR	01/31/91	142.5-152.5	Alluvium	2	P	PVC	890.01	NA
RW-17 (approved for abandonment, but can't find)	1/2	G7		HSA	07/29/87	60-70	Alluvium	2		SS	890.24	NA
RW-18 (PW-6 on Indianhead property?)	--	--	3	HSA	07/29/87	62-72	Alluvium	2		SS	890.62	Unknown
RW-19	1/2	G7		HSA	07/30/87	60-70	Alluvium	2	P	SS	888.57	12/01/11
RW-20	1/2	G7		HSA	07/30/87	64-74	Alluvium	2		SS	889.43	05/15/95
RW-21	1/2	G6		HSA	07/31/87	63-73	Alluvium	2		SS	890.39	02/15/95
RW-22	1/2	G7		HSA	07/31/87	62-72	Alluvium	2	P	SS	887.42	12/01/11
RW-23 (not found)	1/2	H7		HSA	07/31/87	61-71	Alluvium	2		SS	890.30	NA
RW-24	1/2	E6		HSA	08/01/87	66-76	Alluvium	2		SS	886.52	09/04/08
RW-25 (approved for abandonment, but can't find)	1/2	G3	4	HSA	08/13/87	55-65	Bedrock	2		PVC	926.22	NA
WW-1	--	--		HSA	08/08/85	30-40	--	2		PVC	945.05	10/16/01
WW-2	--	--		HSA	08/10/85	57.5-67.5	--	2		PVC	900.53	NA
WW-3	3/4	K5		HSA	07/27/85	63.2-73.2	--	2		PVC	891.45	12/12/91
WW-3B	3/4	K5		MR	06/19/89	138.5-148.5	Alluvium	2		PVC	888.98	12/12/91
WW-4	--	--		HSA	08/07/85	70-80	--	2		PVC	904.18	07/26/06
WW-5	3/4	K4		HSA	08/01/85	69-79	--	2		PVC	892.55	09/09/08
WW-5P	3/4	K4		HSA	10/01/85	104-109	--	2		PVC	892.69	09/09/08
WW-6	1/2	I6		HSA	07/31/85	57.8-67.8	--	2		PVC	889.46	09/09/08
WW-7	1/2	I4		HSA	08/08/85	15-25	--	2		PVC	893.19	09/08/08
WW-8	3/4	J2		HSA	08/01/85	16.75-26.75	--	2		PVC	846.94	09/08/08

TABLE 1

WELL CONSTRUCTION INFORMATION

Well/Piezometer ID (description/comment)	Plume	Grid Coord.	FN	Drilling Method	Completion Date or Year	Screened Interval (ft bgs)	Screened In (description of material)	Casing Dia- meter (inches)	Well Top Type	Casing/ Screen Material	Top of Casing Elevation (ft MSL)	Date of Abandonment
WW-9	3/4	N3		HSA	08/06/85	74.9-84.9	--	2		PVC	901.71	08/19/99
WW-9P	3/4	N3		HSA	07/25/85	105-115	--	2		PVC	901.63	08/19/99
WW-10	3/4	J6		HSA	10/02/85	60-70	--	2		PVC	889.10	05/07/99
WW-10P	3/4	J6		HSA	10/02/85	91.3-96.3	--	2		PVC	889.19	05/07/99
WW-11	5	N6		HSA	09/26/85	36.5-46.5	--	2		PVC	901.36	09/05/08
WW-11P	5	N6		HSA	09/30/85	72-77	--	2		PVC	901.16	09/05/08
WW-12 (not found)	3/4	J4		HSA	09/27/85	17-27	--	2		PVC	892.25	NA
WW-13	4	L5		HSA	10/01/85	67-77	--	2	P	PVC	905.45	11/29/11
WW-14	5	O4		HSA	05/07/85	70-80	--	2		PVC	899.72	09/10/08
WW-15	1/2	I8		HSA	10/03/85	53-63	Alluvium	2	P	PVC	882.61	NA
WW-15B	1/2	I8		HSA	02/06/91	95.6-105.6	Alluvium	2	F	PVC	879.97	11/23/11
WW-15C	1/2	I8		MR	02/01/91	137-147	Alluvium	2	F	PVC	879.76	11/23/11
WW-16	1/2	H8		HSA	10/02/86	57-67	--	2		PVC	885.63	09/10/08
WW-17	1/2	H5		HSA	10/01/85	13-23	--	2		PVC	887.21	09/08/08
WW-18	1/2	I5		HSA	10/01/85	16-26	--	2		PVC	890.84	09/08/08
WW-19	3/4	J3		HSA	09/28/85	20-30	--	2		PVC	894.02	11/30/11
Hallie Golf Course	110th Avenue			--	--	TD = 86	--	6.5		--	--	09/05/08
Don & Bonnie Berg	11265 16th Ave			--	--	TD = 73.4	--	4		--	--	09/09/08

TABLE 1

WELL CONSTRUCTION INFORMATION

NOTES:

Red font in the "Well/Piezometer ID" column indicates the well/piezometer is abandoned or lost/destroyed (109).

Purple font in the "Well/Piezometer ID" column indicates well is approved for abandonment (but 5 not found, EC-7 kept by City, and PW-2 kept for water level measurements).

Blue font in the "Plume" column indicates well not found (12).

Melby Rd. wells MW-62B/C and MW-5A/B and East Disposal Site wells MW-17A, MW-72, and MW-73 were resurveyed by Ayres in December 1998.

Site datum = Mean sea level (MSL)

AR = Air rotary

CT = Cable tool

CW = City production well

EC = City monitoring well

EW = NPI extraction well

F = Flush-mount well

FN = Footnote (see below)

HSA = Hollow stem auger

MR = Mud rotary

MW = NPI monitoring well

NA = Not abandoned

P = Pro top well

PW = NPI petroleum UST well

RW = EPA monitoring well

Screened Interval = Depth in feet below ground surface (ft bgs) of screened interval

SS = Stainless steel

WW = WDNR monitoring well

-- = Not available/unknown

FOOTNOTES:

(1) Converted to/replaced by EW-1R in August 1995.

(2) Pre-remedial investigation monitoring well.

(3) Well was lost/destroyed in year shown in "Date of Abandonment" column.

(4) Denotes a well screened in sandstone bedrock or both bedrock and alluvium (i.e., sand and gravel glacial outwash).

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 2A

EMISSION THRESHOLD INFO FROM TABLE A IN NR 445.07 FOR DETECTED VOCs IN SVE EXHAUST GAS SAMPLES

Hazardous Air Contaminant	Detected VOCs ^(1,2)			Emission Threshold ⁽³⁾ (lb/hr or lb/yr)	Time Period for Threshold	Control Requirement ⁽⁴⁾
	Main Bldg. SVE	MRDS SVE	MW-34/70 Area SVE			
Acetone	X	X	X	Not regulated	na	na
Benzene	X			228	Annual	LAER
2- Butanone (MEK)	X	X	X	Not regulated	na	na
Carbon disulfide	X			124,381	Annual	na
"	X			1.67	24-hr avg	na
Carbon tetrachloride	X			118	Annual	BACT
Chlorobenzene	X			2.47	24-hr avg	na
Chloroethane	X	X		14.2	24-hr avg	na
"	X	X		1,776,876	Annual	na
Chloroform	X			2.62	24-hr avg	na
"	X			77.3	Annual	BACT
Chloromethane	X			5.55	24-hr avg	na
1,1-Dichloroethane	X	X	X	21.7	24-hr avg	na
1,1-Dichloroethene	X			1.06	24-hr avg	na
1,2-Dichloroethene (combined)	X		X	42.6	24-hr avg	na
Ethylbenzene	X	X		23.3	24-hr avg	na
"	X	X		177,688	Annual	na
2-Hexanone	X			1.1	24-hr avg	na
Methylene chloride	X			9.33	24-hr avg	na
"	X			3,781	Annual	BACT
4-Methyl-2-pentanone (Methyl isobutyl ketone)	X			11	24-hr avg	na
Tetrachloroethene	X	X	X	9.11	24-hr avg	na
"	X	X	X	301	Annual	BACT
Toluene	X	X		71,075	Annual	na
"	X	X		10.1	24-hr avg	na
1,1,1-Trichloroethane	X	X	X	Not regulated	na	na
Trichloroethene	X	X	X	888	Annual	BACT
"	X	X	X	14.4	24-hr avg	na
Xylenes (mixtures and isomers, combined)	X	X		23.3	24-hr avg	na

NOTES:

Emission thresholds are in lb/hr or lb/yr based on time period shown.

NR 445.07 Table A thresholds are from Wisconsin Administrative Code updated March 2016, and the NR 406.04(2) emission limit for total VOCs is 5.7 lb/hr.

1,2-Dichloroethene = cis-1,2-Dichloroethene and trans-1,2-Dichloroethene concentrations, combined.

Xylenes = m&p-Xylene and o-Xylene concentrations, combined.

BACT = Best available control technology.

LAER = Lowest achievable emission rate.

na = Not applicable.

FOOTNOTES:

(1) For MRDS SVE - includes only those USEPA TCL VOCs historically detected at or above 0.1 µg/ℓ in one or more samples, as shown.

(2) For MW-34/70 Area SVE - includes only those USEPA TCL VOCs historically detected at or above 0.1 µg/ℓ in one or more samples.

(3) Listed thresholds are for emissions from stacks < 25 ft high.

(4) Control listed is required if emissions exceed threshold shown, unless other conditions are met.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 2B

SUMMARY OF AIR EMISSIONS FROM/TCE REMOVAL BY NPI SVE SYSTEMS (2013-2016)⁽¹⁾

Year	Main Building SVE ⁽²⁾				MRDS SVE ⁽³⁾				MW-34/70 Area SVE ⁽⁴⁾			
	TCE		Total VOCs		TCE		Total VOCs		TCE		Total VOCs	
	Hourly (lb/hr)	Annual (lb)	Hourly (lb/hr)	Annual (lb)	Hourly (lb/hr)	Annual (lb)	Hourly (lb/hr)	Annual (lb)	Hourly (lb/hr)	Annual (lb)	Hourly (lb/hr)	Annual (lb)
2013	NI	NI	NI	NI	NC	NC	0.0036	5.3	0.0035	13.7	0.0036	14.0
2014	NI	NI	NI	NI	NC	NC	0.0012	1.9	0.0011	5.1	0.0012	5.2
2015	0.00038	1.8	0.0033	16.2	NC	NC	0.00014	0.93	0.00075	3.4	0.00086	3.9
2016	0.00085	2.6	0.0035	10.1	NC	NC	0.00024	1.2	0.0013	5.7	0.0015	6.7

NOTES:

The exhaust gas from each of the three SVE systems is discharged directly into the atmosphere through a stack <25 feet high. SVE system exhaust gas samples were analyzed for the 34 volatile organic compounds (VOCs) on USEPA's target compound list (TCL) through 2015. Starting in 2016, exhaust gas samples were analyzed for:

TCE, TCA, PCE, and 1,1-DCA from the main building and MRDS SVE systems.

TCE from the MW-34/70 Area system.

NC = Not calculated because TCE was typically not detected in the MRDS SVE system exhaust gas.

NI = Not installed and operating.

DCA = 1,1,-Dichloroethane.

PCE = Tetrachloroethylene.

TCA = 1,1,1-Trichloroethane.

TCE = Trichloroethylene.

Total VOCs = Summation of detected TCL VOCs for 2013-2015.

Total VOCs = Summation of detected TCE, TCA, PCE, and 1,1-DCA in 2016 for the main building and MRDS SVE systems.

Total VOCs = TCE/0.85 in 2016 for the MW-34/70 Area SVE system, based on historical results.

FOOTNOTES:

(1) Hourly rates shown are the maximum estimated rate for the year. See Table 2A for compound-specific emission thresholds. The NR 406.04(2) emission limit for total VOCs is 5.7 lb/hr.

(2) The main building SVE system began full-time operation in January 2015.

(3) The MRDS system started a 6-month trial seasonal shut down on 12/06/16.

(4) The exhaust gas from the MW-34/70 area SVE system is sampled only annually and then typically during one of the warm summer months. Consequently, its total mass estimates are biased high.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 3

2016 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/21-22/2016		6/13--6/15/2016		08/29-8/30/2016		12/05-12/07/2016	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
Southwest Corner to the ECMWF (Plume 1/2)									
EW-5	889.90	62.20	827.70	61.86	828.04	61.18	828.72	67.01	822.89
EW-6	894.89	85.88	809.01	86.85	808.04	87.92	806.97	88.74	806.15
MW-4A	897.25	69.70	827.55	69.45	827.80	68.65	828.60	67.54	829.71
MW-4B	896.65	69.68	826.97	69.43	827.22	68.63	828.02	67.52	829.13
MW-10A	894.60	65.98	828.62	65.83	828.77	65.18	829.42	64.30	830.30
MW-10B	894.91	66.92	827.99	66.67	828.24	65.95	828.96	64.90	830.01
MW-11A	896.76	69.52	827.24	69.25	827.51	68.52	828.24	NM	NM
MW-23A	895.99	71.48	824.51	71.20	824.79	70.42	825.57	69.32	826.67
MW-23B	895.95	71.18	824.77	70.90	825.05	70.14	825.81	69.03	826.92
MW-34A	895.36	69.67	825.69	69.42	825.94	68.61	826.75	67.48	827.88
MW-34B	895.28	69.59	825.69	69.33	825.95	68.55	826.73	67.41	827.87
MW-34C	895.25	69.47	825.78	69.22	826.03	68.45	826.80	67.31	827.94
MW-35A	888.28	NM	NM	64.90	823.38	NM	NM	NM	NM
MW-35B	888.02	NM	NM	64.63	823.39	NM	NM	NM	NM
MW-37A	885.55	NM	NM	61.34	824.21	NM	NM	NM	NM
MW-37B	885.27	NM	NM	61.15	824.12	NM	NM	NM	NM
MW-38A	884.89	61.04	823.85	60.74	824.15	59.96	824.93	58.93	825.96
MW-38B	884.82	60.90	823.92	60.60	824.22	59.83	824.99	58.80	826.02
MW-38C	884.83	60.88	823.95	60.60	824.23	59.85	824.98	58.78	826.05
MW-39A	896.17	71.67	824.50	71.39	824.78	70.70	825.47	69.53	826.64
MW-41A	884.04	NM	NM	60.93	823.11	NM	NM	NM	NM
MW-41B	883.84	NM	NM	60.76	823.08	NM	NM	NM	NM
MW-43A	885.34	NM	NM	62.48	822.86	NM	NM	NM	NM
MW-43B	885.35	NM	NM	62.44	822.91	NM	NM	NM	NM
MW-44A	885.35	NM	NM	(2)	(2)	(2)	(2)	(2)	(2)
MW-44B	885.24	NM	NM	(2)	(2)	(2)	(2)	(2)	(2)
MW-45A	886.20	NM	NM	68.49	817.71	NM	NM	66.93	819.27
MW-45B	886.26	NM	NM	68.52	817.74	NM	NM	66.98	819.28
MW-45C	886.05	NM	NM	68.31	817.74	NM	NM	66.78	819.27
MW-47A	888.39	NM	NM	67.74	820.65	NM	NM	NM	NM
MW-47B	888.24	NM	NM	67.55	820.69	NM	NM	NM	NM
MW-49A	883.04	NM	NM	81.23	801.81	NM	NM	NM	NM
MW-49B	883.02	NM	NM	81.25	801.77	NM	NM	NM	NM
MW-51A	884.02	NM	NM	68.68	815.34	NM	NM	NM	NM
MW-51B	883.99	NM	NM	68.59	815.40	NM	NM	NM	NM
MW-52A	884.13	NM	NM	71.35	812.78	NM	NM	NM	NM
MW-52B	884.12	NM	NM	71.29	812.83	70.92	813.20	69.78	814.34
MW-53A	887.93	NM	NM	80.85	807.08	NM	NM	NM	NM
MW-53B	888.25	NM	NM	80.92	807.33	NM	NM	NM	NM
MW-54A	883.78	NM	NM	81.50	802.28	NM	NM	NM	NM
MW-54B	883.87	NM	NM	81.52	802.35	NM	NM	NM	NM
MW-54C	883.66	NM	NM	81.55	802.11	NM	NM	NM	NM
MW-55A	881.75	NM	NM	82.50	799.25	NM	NM	NM	NM
MW-55B	882.08	NM	NM	82.85	799.23	NM	NM	NM	NM

TABLE 3

2016 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/21-22/2016		6/13--6/15/2016		08/29-8/30/2016		12/05-12/07/2016	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
MW-55C	881.91	NM	NM	82.58	799.33	NM	NM	NM	NM
MW-57A	886.31	NM	NM	80.43	805.88	NM	NM	NM	NM
MW-57B	886.13	NM	NM	80.13	806.00	NM	NM	NM	NM
MW-60A	879.19	NM	NM	83.76	795.43	NM	NM	NM	NM
MW-60B	879.09	NM	NM	83.69	795.40	NM	NM	NM	NM
MW-61A	879.37	NM	NM	84.08	795.29	NM	NM	NM	NM
MW-61B	879.58	NM	NM	84.24	795.34	NM	NM	NM	NM
MW-68A	896.47	71.86	824.61	71.62	824.85	70.83	825.64	69.73	826.74
MW-68B	896.77	72.18	824.59	71.90	824.87	71.17	825.60	70.06	826.71
MW-69A	898.02	73.55	824.47	73.28	824.74	72.50	825.52	71.41	826.61
MW-69B	898.23	73.78	824.45	73.52	824.71	72.71	825.52	71.64	826.59
MW-70A	895.68	70.42	825.26	70.21	825.47	69.42	826.26	68.25	827.43
MW-70B	895.67	70.30	825.37	70.08	825.59	69.30	826.37	68.13	827.54
MW-71A	894.70	68.75	825.95	68.47	826.23	67.75	826.95	66.59	828.11
MW-74A	896.08	71.29	824.79	71.03	825.05	70.25	825.83	69.15	826.93
MW-74B	895.88	71.04	824.84	70.77	825.11	70.00	825.88	68.90	826.98
MW-75	890.61	59.81	830.80	58.63	831.98	57.93	832.68	57.01	833.60
MW-76A	894.80	70.08	824.72	69.83	824.97	69.06	825.74	67.93	826.87
MW-76B	895.12	70.43	824.69	70.18	824.94	69.41	825.71	68.26	826.86
MW-77A	895.22	70.45	824.77	70.15	825.07	69.38	825.84	68.30	826.92
MW-77B	895.21	70.42	824.79	70.12	825.09	69.38	825.83	68.26	826.95
MW-77C	895.18	70.38	824.80	70.08	825.10	69.34	825.84	68.25	826.93
PW-2	894.46	69.25	825.21	68.98	825.48	68.23	826.23	67.05	827.41
PW-3R	896.21	71.44	824.77	71.12	825.09	70.47	825.74	69.80	826.41
RW-2A	897.18	72.60	824.58	72.34	824.84	71.55	825.63	70.45	826.73
RW-2B	896.78	72.18	824.60	71.88	824.90	71.13	825.65	70.00	826.78
RW-2C	897.57	73.00	824.57	72.72	824.85	71.94	825.63	70.85	826.72
RW-3A	881.78	NM	NM	85.30	796.48	NM	NM	84.33	797.45
RW-3B	881.48	NM	NM	84.97	796.51	NM	NM	83.98	797.50
RW-3C	881.30	NM	NM	84.79	796.51	85.43	795.87	83.81	797.49
RW-15	874.76	66.03	808.73	65.75	809.01	64.98	809.78	63.90	810.86
RW-16	888.87	NM	NM	67.65	821.22	67.01	821.86	66.10	822.77
RW-16B	889.66	NM	NM	68.50	821.16	NM	NM	NM	NM
RW-16C	890.01	NM	NM	68.82	821.19	NM	NM	NM	NM
WW-15	882.61	59.15	823.46	58.81	823.80	58.18	824.43	57.05	825.56
Melby Road Disposal Site Area to Lake Hallie (Plumes 3/4)									
EW-1R	900.08	60.00	840.08	63.83	836.25	63.05	837.03	61.94	838.14
EW-2	901.46	76.00	825.46	75.81	825.65	74.98	826.48	73.83	827.63
MW-1	910.26	43.24	867.02	42.38	867.88	42.05	868.21	40.90	869.36
MW-5A	902.60	76.94	825.66	76.64	825.96	75.92	826.68	74.78	827.82
MW-5B	902.39	76.77	825.62	76.49	825.90	75.78	826.61	74.60	827.79
MW-6	904.70	79.24	825.46	78.97	825.73	78.23	826.47	77.08	827.62
MW-7	897.73	68.50	829.23	68.23	829.50	67.65	830.08	66.52	831.21
MW-8	904.24	78.13	826.11	77.91	826.33	NM	NM	75.98	828.26
MW-9A	905.30	79.46	825.84	79.24	826.06	NM	NM	77.33	827.97
MW-9B	905.30	79.64	825.66	79.42	825.88	NM	NM	77.48	827.82
MW-12A	896.95	69.63	827.32	69.41	827.54	68.67	828.28	67.47	829.48
MW-13A	896.72	70.02	826.70	69.78	826.94	69.02	827.70	67.75	828.97

TABLE 3

2016 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/21-22/2016		6/13--6/15/2016		08/29-8/30/2016		12/05-12/07/2016	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
MW-18	898.38	64.68	833.70	64.41	833.97	63.96	834.42	63.06	835.32
MW-22A	900.79	75.68	825.11	75.42	825.37	74.73	826.06	73.53	827.26
MW-22B	900.75	75.82	824.93	75.58	825.17	74.90	825.85	73.71	827.04
MW-26A	890.17	NM	NM	66.23	823.94	NM	NM	64.35	825.82
MW-26B	890.03	NM	NM	66.03	824.00	NM	NM	64.50	825.53
MW-27A	890.20	NM	NM	67.26	822.94	NM	NM	NM	NM
MW-27B	890.15	NM	NM	67.20	822.95	NM	NM	NM	NM
MW-29A	892.72	NM	NM	74.48	818.24	NM	NM	NM	NM
MW-29B	892.49	NM	NM	74.15	818.34	NM	NM	NM	NM
MW-62AR	901.69	76.20	825.49	75.95	825.74	75.20	826.49	74.05	827.64
MW-62B	901.79	76.31	825.48	76.06	825.73	75.31	826.48	74.14	827.65
MW-62C	901.15	75.67	825.48	75.44	825.71	74.68	826.47	73.50	827.65
MW-63A	902.59	76.58	826.01	76.36	826.23	75.57	827.02	74.38	828.21
MW-63B	902.12	76.12	826.00	75.82	826.30	75.10	827.02	73.92	828.20
MW-65A	891.68	66.22	825.46	65.96	825.72	65.17	826.51	64.05	827.63
MW-65B	891.62	66.13	825.49	65.88	825.74	65.09	826.53	63.98	827.64
MW-65C	891.77	66.27	825.50	66.02	825.75	65.23	826.54	64.14	827.63
MW-66A	900.53	75.14	825.39	74.90	825.63	74.14	826.39	72.98	827.55
MW-66B	900.26	74.83	825.43	74.61	825.65	73.84	826.42	72.68	827.58
MW-66C	900.43	75.03	825.40	74.77	825.66	74.04	826.39	72.85	827.58
Eau Claire Municipal Well Field (ECMWF)									
EC-1	813.95	22.51	791.44	22.25	791.70	23.53	790.42	21.34	792.61
EC-2	814.44	NM	NM	23.02	791.42	NM	NM	NM	NM
EC-5	813.56	NM	NM	22.58	790.98	NM	NM	NM	NM
EC-6	813.19	NM	NM	21.79	791.40	NM	NM	NM	NM

NOTE:

NM = Not measured.

FOOTNOTES:

(1) Wells that cannot be located are not shown including MW-46A/B/C, MW-50A/B, MW59A, RW-18, and RW-23.

(2) Abandoned.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 4

NPI VOC ANALYTICAL RESULTS FROM SWC EXTRACTION WELLS EW-5 AND EW-6 (2013-2016)⁽¹⁾

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
			1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
			None/850/85	7/7/0.7	5/5/0.5	5/5/0.5	200/200/40	5/5/0.5				
EW-5 (extraction well at Grid Coordinate K7)												
	04/01/13	G	0.75	U	0.57	U	0.45	U	0.9	U	0.78	J
	07/02/13	G	0.28	U	0.43	U	0.47	U	3		0.63	J
	12/04/13	G	0.28	U	0.43	U	0.47	U	0.44	U	0.62	J
	04/14/14	G	0.16	U	0.41	U	0.50	U	0.50	U	0.6	J
	06/17/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.65	J
	09/18/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.52	J
	12/02/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.57	J
	03/24/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/16/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.41	J
	09/22/15	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/07/15	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	03/21/16	H	0.24	U	0.41	U	0.50	U	0.50	U	0.66	J
	03/21/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/13/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.34	J
	08/30/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.43	J
	12/06/16	H	0.24	U	0.41	U	0.50	U	0.50	U	0.75	J
	12/06/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
EW-6 (extraction well at Grid Coordinate K7)												
	04/01/13	G	0.75	U	0.57	U	0.45	U	1.6		0.87	J
	07/02/13	G	0.28	U	0.43	U	0.47	U	3.9		0.79	J
	12/04/13	G	0.28	U	0.43	U	0.47	U	1.2		0.83	J
	04/18/14	G	0.26	J	0.41	U	0.50	U	1.4		0.73	J
	06/17/14	G	0.24	U	0.41	U	0.50	U	1.5		0.85	J
	09/18/14	G	0.24	U	0.41	U	0.50	U	1.2		0.71	J
	12/02/14	G	0.24	U	0.41	U	0.50	U	1.2		0.79	J
	03/24/15	G	0.24	U	0.41	U	0.50	U	1.2		0.99	J
	06/16/15	G	0.24	U	0.41	U	0.50	U	1.4		0.71	J
	09/22/15	G	0.24	U	0.41	U	0.50	U	1.4		0.79	J
	12/08/15	G	0.24	U	0.41	U	0.50	U	0.86	J	0.58	J
	03/21/16	G	0.24	U	0.41	U	0.50	U	1.3		0.75	J
	06/13/16	G	0.24	U	0.41	U	0.50	U	1.5		0.81	J
	08/30/16	G	0.24	U	0.41	U	0.50	U	1.1		0.73	J
	12/06/16	G	0.24	U	0.41	U	0.50	U	1.2		0.70	J

TABLE 4

NPI VOC ANALYTICAL RESULTS FROM SWC EXTRACTION WELLS EW-5 AND EW-6 (2013-2016)⁽¹⁾

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$)/parts per billion (ppb).

Detected concentrations at or above an applicable NR 140 PAL are in red font and italicized.

There are no concentrations at or above an applicable MCL/NR 140 ES.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

G = Grab sample collected from sample tap while the extraction well was pumping groundwater.

HS = HydraSleeve.

LF = Low flow.

PDB = Passive diffusion bag.

H = PDB or HS in upper portion of saturated screened interval.

M = PDB or HS in middle portion of saturated screened interval.

L = PDB or HS in lower portion of saturated screened interval.

FOOTNOTE:

(1) EW-5 has been shut down since September 2015, as approved by both agencies.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 5

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS (2013-2016)

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
				I,I-DCA	I,I-DCE	PCE	I,I-TCA	TCE					
				None/850/85	7/7/0.7	5/5/0.5	200/200/40	5/5/0.5					
EC-1 (monitoring well at Grid Coordinate C7)													
	04/02/13	M		0.75	U	0.57	U	0.45	U	0.90	U	2.3	
	07/03/13	M		0.28	U	0.43	U	0.47	U	3.1		2.1	
	12/04/13	M		0.28	U	0.43	U	0.47	U	0.44	U	1.2	
	04/17/14	M		0.25	U	0.24	U	0.25	U	0.25	U	1.3	
	06/18/14	M		0.24	U	0.41	U	0.50	U	0.50	U	1.5	
	09/17/14	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/03/14	M		0.24	U	0.41	U	0.50	U	0.50	U	0.35	J
	03/25/15	M		0.24	U	0.41	U	0.50	U	0.50	U	1.9	
	06/17/15	M		0.24	U	0.41	U	0.50	U	0.50	U	0.61	J
	09/23/15	M		0.24	U	0.41	U	0.50	U	0.50	U	2.0	Dup
	12/07/15	M		0.24	U	0.41	U	0.50	U	0.50	U	1.5	
	03/22/16	M		0.24	U	0.41	U	0.50	U	0.50	U	1.6	
	06/15/16	M		0.24	U	0.41	U	0.50	U	0.50	U	1.2	
	12/07/16	M		0.24	U	0.41	U	0.50	U	0.50	U	1.5	
EC-2 (monitoring well at Grid Coordinate C7)													
	07/03/13	M		0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
	12/04/13	M		0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/18/14	M		0.24	UA	0.41	UA	0.50	UA	0.50	UA	0.33	UA
	06/17/15	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/15/16	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
EC-5 (monitoring well at Grid Coordinate C7)													
	07/03/13	M		0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
	06/18/14	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/17/15	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/15/16	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
EC-6 (monitoring well at Grid Coordinate C7)													
	07/03/13	M		0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
	06/18/14	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/17/15	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/15/16	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-4A (monitoring well at Grid Coordinate K7)													
	07/01/13	M		0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
	06/16/14	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/16/15	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/07/15	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	03/21/16	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/13/16	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	08/31/16	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/05/16	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-4B (piezometer at Grid Coordinate K7)													
	04/04/13	M		0.75	U	0.57	U	0.45	U	0.9	U	0.86	J
	07/01/13	M		0.28	U	0.43	U	0.47	U	0.44	U	0.84	J
	10/15/13	M		0.28	U	0.43	U	0.47	U	0.44	U	0.96	J
	12/04/13	M		0.28	U	0.43	U	0.47	U	0.44	U	0.81	J
	04/15/14	M		0.16	U	0.41	U	0.50	U	0.50	U	0.87	J

TABLE 5

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS (2013-2016)

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.8	J
09/15/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.52	J
12/01/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.77	JA
03/23/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.79	J
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	J	0.75	J
09/22/15	M	0.24	U	0.41	U	0.50	U	0.50	J	1.1	
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.43	J
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.83	J
08/31/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.39	JA
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.43	J
MW-10A (monitoring well at Grid Coordinate K8)											
04/16/14	NR	0.55	J	0.41	U	0.50	U	0.50	U	0.33	U
MW-10B (piezometer at Grid Coordinate K8)											
04/16/14	NR	0.49	JA	0.41	UA	0.50	UA	0.50	UA	0.33	UA
MW-23A (monitoring well at Grid Coordinate J7)											
04/04/13	M	0.75	U	0.57	U	0.45	U	0.9	U	1.9	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2	
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.7	
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.9	
12/02/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.4	
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.6	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.3	
03/24/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
06/15/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
08/30/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.1	
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.04	JA
MW-23B (piezometer at Grid Coordinate J7)											
04/04/13	M	0.75	U	0.57	U	0.45	U	0.9	U	2.6	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.52	J	2.2	
10/15/13	M	0.28	U	0.43	U	0.47	U	0.48	J	2.5	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2.3	A
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.3	
12/02/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.0	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.1	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.0	A
03/22/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	
06/15/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.1	
08/30/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.9	
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.9	
MW-34A (monitoring well at Grid Coordinate K8)											
04/04/13	M	1		0.57	U	0.45	U	0.9	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.63	J
10/14/13	M	0.78	J	0.86	U	0.94	U	0.88	U	0.72	U
12/04/13	M	1.3		0.86	U	0.94	U	0.88	U	0.72	U
06/16/14	M	0.91	J	0.41	U	0.50	U	0.50	U	0.43	J
12/01/14	M	0.79	J	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.71	J	0.41	U	0.50	U	0.50	U	0.33	U

TABLE 5

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS (2013-2016)

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
03/21/16	M	0.53	J	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	HS	0.59	J	0.41	U	0.50	U	0.50	U	0.33	U
08/29/16	M	0.5	J	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-34B (piezometer at Grid Coordinate K8)											
04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/07/15	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/24/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
08/29/16	M	0.24	UA	0.41	UA	0.50	UA	0.50	UA	0.33	UA
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-34C (piezometer at Grid Coordinate K8)											
04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/07/15	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
08/29/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-35A (monitoring well at Grid Coordinate I7)											
07/02/13	M	0.28	U	0.43	U	0.47	U	0.72	J	2.9	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.61	J	2.3	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.6	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.0	
MW-35B (piezometer at Grid Coordinate I7)											
07/02/13	M	0.28	U	0.43	U	0.47	U	0.49	J	1.3	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.3	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1	
MW-37B (piezometer at Grid Coordinate I7)											
10/15/13	M	0.56	U	0.86	U	0.47		0.88	U	0.43	J
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-38A (monitoring well at Grid Coordinate I8)											
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2.2	
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.6	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.0	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.0	A
MW-38B (piezometer at Grid Coordinate I8)											
07/02/13	M	0.28	U	0.43	U	0.47	U	0.68	J	4.1	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.75	J	3.8	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.50	J	2.9	
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	3.0	
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.57	J	3.4	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	3.3	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.79	J	3.7	
12/06/16	M	0.24	U	0.41	U	0.50	U	0.65	J	3.2	

TABLE 5

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS (2013-2016)

Well ID	Sample Date	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
			1,1-DCA		1,1-DCE		PCE	1,1,1-TCA		TCE		
MCL/ES/PAL			None/850/85	7/7/0.7		5/5/0.5		200/200/40		5/5/0.5		
MW-38C (piezometer at Grid Coordinate I8)												
	07/02/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.6	
	06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.2	
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
	06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
MW-41A (monitoring well at Grid Coordinate H8)												
	07/02/13	M	0.28	U	0.43	U	0.47	U	0.44	U	3.2	
	06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.8	
	06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.7	
	06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.1	
MW-41B (piezometer at Grid Coordinate H8)												
	07/02/13	M	0.28	U	0.43	U	0.47	U	0.47	J	2.7	
	06/18/14	M	0.24	U	0.41	U	0.50	U	0.5	U	3	
	06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.7	
	06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.3	
MW-43A (monitoring well at Grid Coordinate H7)												
	07/02/13	M	0.28	U	0.43	U	0.47	U	0.88	J	3.6	
	06/18/14	M	0.24	U	0.41	U	0.50	U	0.63	J	2.9	
	06/17/15	M	0.24	U	0.41	U	0.50	U	0.5	U	2.7	
	06/14/16	M	0.24	U	0.41	U	0.50	U	0.5	U	1.7	
MW-43B (piezometer at Grid Coordinate H7)												
	07/02/13	M	0.28	U	0.43	U	0.47	U	0.82	J	2.3	
	06/18/14	M	0.24	U	0.41	U	0.50	U	0.58	J	1.9	
	06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.2	
	06/14/16	M	0.24	U	0.41	U	0.50	U	0.54	J	2.0	
MW-44A (abandoned monitoring well at Grid Coordinate F6)												
	10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.95	J
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-44B (abandoned piezometer at Grid Coordinate F6)												
	10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-45A (monitoring well at Grid Coordinate F6)												
	10/15/13	M	0.56	U	0.86	U	0.94	U	0.88	U	0.71	J
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.2	
MW-45B (piezometer at Grid Coordinate F6)												
	07/03/13	M	0.28	U	0.43	U	0.47	U	0.50	J	3.2	
	07/03/13	M	0.28	U	0.43	U	0.47	U	3.2	J	3.3	
	06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	3.2	
	12/03/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.9	A
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.7	
	12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.78	J
	06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.7	
MW-45C (piezometer at Grid Coordinate F6)												
	07/03/13	M	0.28	U	0.43	U	0.47	U	3.2		2.5	
	06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.7	
	12/03/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	3.8	
	12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.3	A
	06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.9	

TABLE 5

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS (2013-2016)

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
			1,1-DCA		1,1-DCE		PCE	1,1,1-TCA		TCE		
	Level	None/850/85	7/7/0.7		5/5/0.5		200/200/40		5/5/0.5			
MW-47A (monitoring well at at Grid Coordinate G7)												
	10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.83	J
	06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.76	J
MW-47B (piezometer at Grid Coordinate G7)												
	10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-49A (monitoring well at Grid Coordinate D6)												
	10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.46	J
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	J
MW-49B (piezometer at Grid Coordinate D6)												
	10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	J
MW-51A (monitoring well at Grid Coordinate F6)												
	10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2.2	
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-51B (piezometer at Grid Coordinate F6)												
	06/19/14	M	0.24	U	0.41	U	0.50	U	0.58	J	4.00	
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	4.5	
	06/15/16	M	0.24	U	0.41	U	0.50	U	0.51	J	4.5	
MW-52A (monitoring well at Grid Coordinate F6)												
	06/19/14	M	0.24	U	0.41	U	0.50	U	0.51	J	3.6	
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.51	J	3.0	
	06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	4.4	
MW-52B (piezometer at Grid Coordinate F6)												
	06/19/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.37	JA
	06/16/15	M	0.24	UA	0.41	UA	0.50	UA	0.50	UA	3.35	A
	06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.37	J
MW-53A (monitoring well at Grid Coordinate E6)												
	10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.1	
MW-53B (piezometer at Grid Coordinate E6)												
	10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	3.3	
	06/19/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.8	
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	3.7	
	06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.8	J
MW-54A (monitoring well at Grid Coordinate D6)												
	10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-54B (piezometer at Grid Coordinate D6)												
	10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	3.9	
	06/18/14	M	0.24	U	0.41	U	0.5	U	0.5	J	3.1	
	06/16/15	M	0.24	U	0.41	U	0.5	U	0.5	J	3.6	
	06/14/16	M	0.24	U	0.41	U	0.5	U	0.5	J	3.8	
MW-54C (piezometer at Grid Coordinate D6)												
	06/19/14	M	0.24	U	0.41	U	0.50	U	0.50	U	5.0	
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	J	2.5	
	06/14/16	M	0.24	U	0.41	U	0.50	U	0.57	J	4.7	

TABLE 5

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS (2013-2016)

Well ID	Sample Date	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
			1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL			None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
MW-55B (piezometer at Grid Coordinate D6)												
	06/19/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.4	
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	
	06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.9	
MW-55C (piezometer at Grid Coordinate D6)												
	06/19/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.7	A
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-57A (monitoring well at Grid Coordinate E6)												
	10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-57B (piezometer at Grid Coordinate E6)												
	10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.37	J
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-60A (monitoring well at Grid Coordinate D7)												
	10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-60B (piezometer at Grid Coordinate D7)												
	10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-61A (monitoring well at Grid Coordinate C6)												
	10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-61B (piezometer at Grid Coordinate C6)												
	10/15/13	M	0.31	U	0.43	U	0.47	U	0.44	U	0.36	J
	06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.42	J
MW-68A (monitoring well at Grid Coordinate J7)												
	04/04/13	M	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
	12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.41	J
	08/29/16	M	0.24	UA	0.41	UA	0.50	UA	0.50	UA	0.33	UA
	12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.35	J
MW-68B (piezometer at Grid Coordinate J7)												
	04/04/13	M	0.75	U	0.57	U	0.45	U	0.9	U	0.85	J
	12/04/13	M	0.56	U	0.86	U	0.94	U	0.88	U	0.77	J
	06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.67	J
	12/01/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.72	J
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.66	J
	12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.49	J
	03/24/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.42	J
	06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.37	J
	08/29/16	M	0.25	J	0.41	U	0.50	U	0.50	U	0.33	U
	12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U

TABLE 5

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS (2013-2016)

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
			1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
			None/850/85	7/7/0.7	5/5/0.5	5/5/0.5	200/200/40	200/200/40	5/5/0.5	5/5/0.5		
MW-70A (monitoring well at Grid Coordinate K8)												
	04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
	12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/16/14	M	0.54	J	0.41	U	0.50	U	0.50	U	0.33	U
	06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/07/15	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	03/24/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.41	J
	06/13/16	HS	0.40	J	0.41	U	0.50	U	0.50	U	0.74	J
	08/29/16	M	0.45	J	0.41	U	0.50	U	0.50	U	0.55	J
	12/05/16	M	0.25	JA	0.41	UA	0.50	UA	0.50	UA	0.51	JA
MW-70B (piezometer at Grid Coordinate K8)												
	04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
	12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/07/15	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	03/21/16	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/13/16	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	08/29/16	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-74A (monitoring well at Grid Coordinate J8)												
	10/14/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/07/15	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	03/24/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	08/29/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-74B (piezometer at Grid Coordinate J8)												
	10/17/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/07/15	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	03/24/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	08/29/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-76A (monitoring well at Grid Coordinate K7)												
	04/09/13	M	0.85	J	0.57	U	1.5		151		9.4	
	10/15/13	M	0.90	J	0.85	J	1		209		14.1	
	12/04/13	M	0.50	J	0.64	J	1.3		192		11.9	
	04/15/14	M	0.69	J	0.43	J	1.3		155		8.8	
	06/17/14	M	0.61	J	0.53	J	1.3		145		9.3	
	09/15/14	M	0.38	J	0.41	U	0.79	J	91.2		5.2	
	12/02/14	M	0.63	J	0.41	U	1.1		138		8.5	
	03/24/15	M	0.61	J	0.41	U	1.3		137		8.1	
	06/16/15	M	0.50	J	0.46	J	0.93	J	106		6.3	
	09/23/15	M	0.24	U	0.41	U	0.50	U	2.5		0.33	U
	12/07/15	M	0.24	U	0.41	U	0.50	U	4.9		0.47	J
	03/21/16	M	0.24	U	0.41	U	0.50	U	2.2		0.33	U

TABLE 5

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS (2013-2016)

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		I,I-DCA		I,I-DCE		PCE		I,I-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.61	J	0.38	J
08/30/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-76B (piezometer at Grid Coordinate K7)											
04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	UA
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-77A (monitoring well at Grid Coordinate K7)											
04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	1.4	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.5	
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.7	DUP
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.4	
04/15/14	M	0.16	U	0.41	U	0.50	U	0.50	U	1.1	
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.3	
09/15/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.72	J
12/01/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.2	
03/23/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.4	
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.89	J
09/22/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.1	
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.66	J
03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.1	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.3	
08/31/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.91	J
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.51	J
MW-77B (piezometer at Grid Coordinate K7)											
04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	1.5	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.5	
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.4	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.95	J
04/15/14	M	0.16	U	0.41	U	0.50	U	0.50	U	1.2	
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.4	
09/15/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.4	
12/01/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
03/23/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.3	
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.7	
09/22/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.6	
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.2	
03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.7	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.6	
08/31/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.4	

TABLE 5

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS (2013-2016)

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
			I,I-DCA		I,I-DCE		PCE	I,I-TCA		TCE		
			None/850/85	7/7/0.7	5/5/0.5	200/200/40	5/5/0.5					
MW-77C (piezometer at Grid Coordinate K7)												
	04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.66	J
	07/02/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.66	J
	10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.56	J
	12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	04/15/14	M	0.16	U	0.41	U	0.50	U	0.50	U	0.48	J
	06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.58	J
	09/15/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.47	J
	12/01/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.48	J
	03/23/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.54	J
	06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.59	J
	09/22/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.74	J
	12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.41	J
	03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.61	J
	06/16/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.66	J
	08/31/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.55	J
	12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.60	J
PW-3R (abandoned monitoring well at Grid Coordinate K7)												
	06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/16/15	M	0.24	UA	0.41	UA	0.50	UA	0.50	UA	0.33	UA
	06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
RW-2A (monitoring well at Grid Coordinate J7)												
	04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.95	J
	10/15/13	M	0.28	U	0.43	U	0.47	U	0.58	J	1.10	
	12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.79	J
	06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.95	J
	12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.75	J
	06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.71	J
	12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.74	J
	06/13/16	M	0.24	UA	0.41	UA	0.50	UA	0.50	UA	0.95	JA
	12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.77	J
RW-2B (piezometer at Grid Coordinate J7)												
	04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	1.9	
	10/15/13	M	0.28	U	0.43	U	0.47	U	0.82	J	2.0	
	12/04/13	M	0.28	U	0.43	U	0.47	U	0.79	J	1.8	
	06/17/14	M	0.24	U	0.41	U	0.50	U	0.92	J	2.0	
	12/02/14	M	0.24	U	0.41	U	0.50	U	0.93	J	1.9	
	06/15/15	M	0.24	U	0.41	U	0.50	U	0.59	J	1.7	
	12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
	06/13/16	M	0.24	U	0.41	U	0.50	U	0.66	J	1.8	
	12/06/16	M	0.24	U	0.41	U	0.50	U	0.64	J	2.0	
RW-2C (piezometer at Grid Coordinate J7)												
	10/15/13	M	0.28	U	0.43	U	0.47	U	0.82	J	1.4	
	12/04/13	M	0.28	U	0.43	U	0.47	U	0.58	J	1.2	
	06/17/14	M	0.24	UA	0.41	UA	0.50	UA	0.79	JA	1.7	A
	12/02/14	M	0.24	U	0.41	U	0.50	U	0.73	J	1.5	
	06/15/15	M	0.24	U	0.41	U	0.50	U	0.59	J	1.2	
	12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.3	

TABLE 5

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS (2013-2016)

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		I,I-DCA		I,I-DCE		PCE		I,I-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.6	
12/06/16	M	0.24	U	0.41	U	0.50	U	0.52	J	1.6	
RW-3A (monitoring well at Grid Coordinate C6)											
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2.0	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	
12/03/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.2	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.2	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.9	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	
12/07/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.0	
RW-3B (piezometer at Grid Coordinate C6)											
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	3.8	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	4.1	
12/03/14	M	0.24	U	0.41	U	0.50	U	0.50	U	3.7	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.7	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	3.6	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.7	
12/07/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.5	
RW-3C (piezometer at Grid Coordinate C6)											
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	4.2	
06/18/14	M	0.24	UA	0.41	UA	0.50	UA	0.52	JA	4.9	A
12/03/14	M	0.24	U	0.41	U	0.50	U	0.52	J	4.6	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	3.6	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	4.0	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	3.8	
12/07/16	M	0.24	U	0.41	U	0.50	U	0.52	J	4.3	
RW-15 (monitoring well at Grid Coordinate J7)											
07/02/13	M	0.28	U	0.43	U	0.47	U	0.66	J	4.8	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.49	J	4.2	
06/17/14	M	0.24	U	0.41	U	0.50	U	0.54	J	4.3	
12/04/14	M	0.24	U	0.41	U	0.50	U	0.58	J	4.2	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.1	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	3.4	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	3.7	
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	3.1	
RW-16 (monitoring well at Grid Coordinate G7)											
07/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.3	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.1	
06/17/15	M	0.24	UA	0.41	UA	0.50	UA	0.50	UA	2.7	A
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.3	
RW-16B (piezometer at Grid Coordinate G7)											
07/03/13	M	0.28	U	0.43	U	0.47	U	0.62	J	3.5	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.52	J	3.4	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	3.1	
RW-16C (piezometer at Grid Coordinate G7)											
07/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2.7	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.8	

TABLE 5

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS (2013-2016)

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
				1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
				None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
	06/17/15		M	0.24	U	0.41	U	0.50	U	0.50	U	0.72	J
	06/14/16		M	0.24	U	0.41	U	0.50	U	0.50	U	3.6	
WW-15 (monitoring well at Grid Coordinate I8)													
	07/02/13		M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
	06/17/14		M	0.24	U	0.41	U	0.50	U	0.50	U	1.00	
	06/16/15		M	0.24	U	0.41	U	0.50	U	0.50	U	0.89	J
	06/13/16		M	0.24	U	0.41	U	0.50	U	0.50	U	1.3	

TABLE 5

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS (2013-2016)

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$)/parts per billion (ppb).

Detected concentrations at or above an applicable NR 140 PAL are in red font and italicized.

Detected concentrations at or above an applicable MCL/NR 140 ES are in red font and bold.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

HS = HydraSleeve.

LF = Low flow.

NR = Not recorded until 2009.

PDB = Passive diffusion bag.

H = PDB or HS in upper portion of saturated screened interval.

M = PDB or HS in middle portion of saturated screened interval.

L = PDB or HS in lower portion of saturated screened interval.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD (2013-2016)

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
City Well 11 (CW-11)								
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.13 U
12/04/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U
01/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.31 U	0.13 U
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
City Well 15 (CW-15)								
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.20 J
11/13/13	NS	(6)	NS	(6)	NS	(6)	NS	(6)
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U
01/14/14	0.19 U	(6)	0.21 U	(6)	0.49	(6)	0.20 U	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.3	0.14 J
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.21 J

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD (2013-2016)

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.11 J
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.15 J
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.30 J
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.15 J
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.19 J
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.19 J
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.18 J
City Well 16 (CW-16)								
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.13 U
11/13/13	NS	(6)	NS	(6)	NS	(6)	NS	(6)
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U
01/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.31 U	0.13 U
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.35 J
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
City Well 17 (CW-17)								
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.13 U
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD (2013-2016)

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
01/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.31 U	0.13 U
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
City Well 19 (CW-19)								
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0	(6)	2.0	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0	(6)	1.8	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0	(6)	1.9	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0	0.29 J	1.7	2.0
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	1.5	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	1.9	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	1.6	1.9
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	1.8	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	1.8	(6)
10/01/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.32 J	1.9	2.0
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	1.5	1.6
01/14/14	0.35	(6)	0.27	(6)	0.48	(6)	2.0	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.5	(6)	2.1	(6)
03/14/14	0.24 U	(6)	0.2	(6)	0.4	(6)	2.0	(6)
04/14/14	0.24 U	0.25 U	0.2	0.25 U	0.16 U	0.25 U	2.1	2.0
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.31 J	(10)	1.9
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.22 J	(10)	1.5
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	2.2
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.18 J	(10)	1.6
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.29 J	(10)	2.0
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.39 J	(10)	2.4
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.44 J	(10)	1.7
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.44 J	(10)	1.8
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.22 J	(10)	1.9
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	2.0
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.27 J	(10)	2.1
Commingled untreated raw water prior to air stripping ⁽¹⁾								
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.9	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.72
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD (2013-2016)

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.65
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.68
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.5	0.58
01/14/14	0.19 U	(6)	0.21 U	(6)	0.31	(6)	0.91	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.31	(6)	1.1	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.7	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.9	0.56
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.58
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.44 J
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.61
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.62
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.60
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.97
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.30 J	(10)	0.55
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.7
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.77
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.94
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.6
Tower A (North) - discharge from air stripper ⁽²⁾								
01/13/13	0.5 U	(6)	0.8 U	(6)	NS	(6)	0.9	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.13 U
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U
01/14/14	0.19 U	(6)	0.21 U	(6)	0.31	(6)	0.52	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.31 U	0.13 U
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 J
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD (2013-2016)

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
Tower B (South) - discharge from air stripper ⁽³⁾								
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.13 U
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U
01/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.31 U	0.13 U
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.094 J
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
Commingled treated water after chlorination (finished product) ⁽⁴⁾								
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.13 U
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U
01/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.41	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.31 U	0.13 U
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD (2013-2016)

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD (2013-2016)

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g}/\ell$)/parts per billion (ppb).

Samples collected jointly by Gannett Fleming (GF) field staff and a City of Eau Claire Water Department representative.

GF samples analyzed by U.S. Filter using EPA Method 524.2 (Safe Drinking Water Act required method), and city samples analyzed in-house using EPA Method 8260.

Detected concentrations at or above an NR 140 PAL are in red font and italicized.

There are no results at or above an MCL/NR 140 ES.

D = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

J = Estimated concentration below laboratory quantitation level.

MCL = Maximum contaminant level is the federal established health-based maximum permissible level of a contaminant in water that is delivered to any user of a public water supply system.

NIS = Not in service at time of split sampling with city.

NS = Not sampled.

U = Compound not detected at or above this value, which is the detection limit.

FOOTNOTES:

(1) Sample collected from spigot on inlet line to Air Stripper Towers A and B.

(2) Sampled collected from spigot on Tower A discharge line.

(3) Sampled collected from spigot on Tower B discharge line.

(4) Distribution system sample collected from drinking fountain or breakroom sink in the water treatment plant (WTP).

(5) Lab error, results not recorded.

(6) Sample not collected.

(7) Not sampled because sample port was rusted shut.

(8) Shut down for repairs during October 2011 sampling round.

(9) Shut down for repairs.

(10) The City of Eau Claire stopped collecting samples as of May 7, 2014.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 7

SUMMARY OF RESULTS FROM NPI WELLS ROUTINELY SAMPLED FOR DISSOLVED CADMIUM ANALYSIS (2013-2016)

Date	FN	EW-5	EW-6	MW-4A	MW-4B	MW-10A	MW-10B	MW-34A	MW-34B	MW-34C	MW-68A	MW-68B	MW-70A	MW-70B	MW-75
04/04/13	HS	0.38 U	0.38 U	0.38 U	0.75 J	28.8	12.0	NS	1.8 J	1.4 J	0.38 U	3.6 J	0.38 U	3.7 J	NS
07/01/13	HS	0.62 J	0.38 U	0.38 U	0.90 J	27.2	10.6	5.6	2.0 J	1.3 J	0.45 J	3.3 J	0.38 U	4.0 J	NS
10/14/13	HS	NS	NS	NS	NS	29.2	4.2 J	13.7	2.2 J	1.2 J	NS	2.8 J	NS	5.8	NS
12/06/13	HS	NS	NS	NS	NS	20.8	2.0 J	8.8	1.0 J	0.40 J	NS	NS	NS	2.4 J	NS
04/16/14	HS	NS	NS	NS	NS	21.7	7.1	NS	NS	NS	0.60 U	2.5 J	NS	2.7 J	NS
06/16/14	HS	0.79 J	0.60 U	NS	NS	23.4	8.3	7.7	2.0 J	0.97 J	0.64 J	NS	NS	NS	NS
09/16/14	HS	NS	NS	NS	NS	22	2.8 J	NS	NS	NS	NS	2.9 J	NS	3.4 J	NS
12/02/14	HS	0.60 U	0.60 U	NS	NS	22.7	5.5	NS	2.1 J	NS	NS	3.3 J	NS	4.2 J	NS
Mar-15	HS	NS	NS	NS	NS	22.3	5.3	NS	NS	NS	NS	3.2 J	NS	3.4 J	NS
06/17/15	HS	0.60 U	0.60 U	0.60 U	0.70 J	21.4	8.2	12.7	1.2 J	1.2 J	0.81 J	2.9 J	0.73 J	3.6 J	10
09/22/15	HS	NS	NS	NS	NS	20.2	8.0	NS	NS	NS	NS	4.3 J	NS	3.6 J	5.9
12/07/15	HS	0.60 U	0.60 U	NS	NS	20.8	6.4	10.8	1.5 J	NS	0.60 U	4.0 J	0.60 U	3.9 J	2.4 J
03/21/16	HS	NS	NS	NS	NS	19.1	3.8 J	NS	NS	NS	NS	2.4 J	NS	3.5 J	2.4 J
06/13/16	HS	0.60 U	0.60 U	0.60 U	0.65 J	16.7	2.7 J	6.5	1.4 J	0.87 J	0.60 U	4.5 J	0.60 U	3.2 J	2.3 J
08/30/16	HS	NS	NS	NS	NS	18.8	3.6 J	NS	NS	NS	NS	4.0 J	NS	4.1 J	2.2 J
10/06/16	(2)	NS	NS	NS	NS	19.4	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/05/16	(3)	1.3 U	1.3 U	NS	NS	18.8	1.3 U	6.5	1.5 J	NS	NS	4.0 J	NS	4.1 J	2.4 J

TABLE 7

SUMMARY OF RESULTS FROM NPI WELLS ROUTINELY SAMPLED FOR DISSOLVED CADMIUM ANALYSIS (2013-2016)

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g}/\ell$)/parts per billion (ppb).

The PAL for cadmium is $0.5 \mu\text{g}/\ell$: detected concentrations at or above the PAL are in red font and italicized.

The MCL/ES for cadmium is $5.0 \mu\text{g}/\ell$: detected concentrations at or above the MCL/ES are in red font and bold.

abnd = Abandoned well no longer available for monitoring.

B = Compound detected in blank.

FN = Footnote (see below) and used to indicate dates when samples were collected using HydraSleeves.

HS = HydraSleeve.

J = Estimated concentration below laboratory quantitation level.

NA = Not analyzed.

NS = Not sampled.

U = Compound not detected at or above the detection limit, which is the value shown.

FOOTNOTES:

(1) Wells MW-10A&B, MW-34B, and MW-70B were sampled using USEPA Jan. 2010 low-stress (low-flow) protocol. Wells MW-34A and MW-70A were sampled using bailers.

(2) Unfiltered ($19.3 \mu\text{g}/\ell$) and filtered ($19.4 \mu\text{g}/\ell$) samples were collected from MW-10A using USEPA Jan. 2010 low-stress (low-flow) protocol.

(3) Sampled well using HydraSleeve (HS). EW-5 HS samples collected from the upper and lower sections of the saturated screened interval and both were non-detect for cadmium, as shown.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 8

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS (2013-2016)

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
MW-5A (monitoring well at Grid Coordinate L6)											
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	UA	0.43	UA	0.47	UA	0.44	UA	0.36	UA
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-5B (piezometer at Grid Coordinate L6)											
04/03/13	M	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-6 (monitoring well at Grid Coordinate L6)											
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-9A (monitoring well at Grid Coordinate L6)											
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-9B (piezometer at Grid Coordinate L6)											
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
MW-22B (piezometer at Grid Coordinate K6)											
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-26A (monitoring well at Grid Coordinate L5)											
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-26B (piezometer at Grid Coordinate L5)											
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.56	J
12/02/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.555	J,A
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.39	J
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.36	J
MW-29B (piezometer at Grid Coordinate L3)											
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U

TABLE 8

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS (2013-2016)

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
MW-62AR (monitoring well at Grid Coordinate L6)											
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/02/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-62B (piezometer at Grid Coordinate L6)											
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-62C (piezometer at Grid Coordinate L6)											
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-63A (monitoring well at Grid Coordinate M6)											
04/03/13	M	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
06/16/14	M	0.24	U	0.41	U	0.5	U	0.5	U	0.33	U
06/18/15	M	0.24	U	0.41	U	0.5	U	0.5	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.5	U	0.5	U	0.33	U
MW-63B (piezometer at Grid Coordinate M6)											
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U,A
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U,A
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-64A (abandoned monitoring well at Grid Coordinate L6)											
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/14/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
MW-64B (abandoned piezometer at Grid Coordinate L6)											
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.49	J
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.53	J
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.37	J
MW-64C (abandoned piezometer at Grid Coordinate L6)											
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.76	J
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.74	J

TABLE 8

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS (2013-2016)

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		I,I-DCA		I,I-DCE		PCE		I,I-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.76	J
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.68	J
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.70	J
07/01/13	M	0.28	U	0.43	U	0.47	U	0.45	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
MW-65A (monitoring well at Grid Coordinate L6)											
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-65B (piezometer at Grid Coordinate L6)											
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.64	J
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.59	J
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.62	J
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.54	J
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.57	J
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.34	J
12/02/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.57	J
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.52	J
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.42	J
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.53	J
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.55	J
MW-65C (piezometer at Grid Coordinate L6)											
03/12/12	M	0.4	U	0.4	U	0.3	U	0.5	U	0.67	J
06/26/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.8	J
10/09/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.8	J
12/04/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.53	J
04/03/13	M	0.75	U	0.57	U	0.45	U	0.9	U	0.64	J
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.67	J
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.66	J
06/16/14	M	0.24	U	0.41	U	0.5	U	0.5	U	0.47	J
12/02/14	M	0.24	U	0.41	U	0.5	U	0.5	U	0.71	J
06/16/15	M	0.24	U	0.41	U	0.5	U	0.5	U	0.61	J
12/07/15	M	0.24	U	0.41	U	0.5	U	0.5	U	0.55	J
06/13/16	M	0.24	U	0.41	U	0.5	U	0.5	U	0.56	J
12/06/16	M	0.24	U	0.41	U	0.5	U	0.5	U	0.68	J
MW-66A (monitoring well at Grid Coordinate L6)											
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U

TABLE 8

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS (2013-2016)

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		I,I-DCA		I,I-DCE		PCE		I,I,TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-66B (piezometer at Grid Coordinate L6)											
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/02/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-66C (piezometer at Grid Coordinate L6)											
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/18/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U

TABLE 8

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS (2013-2016)

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$)/parts per billion (ppb).

Detected concentrations at or above an applicable NR 140 PAL are in red font and italicized.

Detected concentrations at or above an applicable MCL/NR 140 ES are in red font and bold.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

HS = HydraSleeve.

LF = Low flow.

NR = Not recorded until 2009.

PDB = Passive diffusion bag.

H = PDB or HS in upper portion of saturated screened interval.

M = PDB or HS in middle portion of saturated screened interval.

L = PDB or HS in lower portion of saturated screened interval.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 9

NPI VOC ANALYTICAL RESULTS FROM MRDS EXTRACTION WELLS EW-1R AND EW-2 (2013-2016)⁽¹⁾

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
EW-1R (extraction well at Grid Coordinate L6) ⁽²⁾											
07/01/13	G	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/05/13	G	0.56	U	0.86	U	0.94	U	0.88	U	0.72	U
06/16/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
09/15/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/23/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
EW-2 (extraction well at Grid Coordinate L6)											
07/01/13	G	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/05/13	G	0.56	U	0.86	U	0.94	U	0.88	U	0.72	U
06/16/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
09/15/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/23/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
09/22/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U

TABLE 9

NPI VOC ANALYTICAL RESULTS FROM MRDS EXTRACTION WELLS EW-1R AND EW-2 (2013-2016)⁽¹⁾

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$)/parts per billion (ppb).

There are no concentrations at or above an applicable MCL/NR 140 ES or NR 140 PAL.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

G = Grab sample collected from sample tap while the extraction well was pumping groundwater.

HS = HydraSleeve.

LF = Low flow.

PDB = Passive diffusion bag.

H = PDB or HS in upper portion of saturated screened interval.

M = PDB or HS in middle portion of saturated screened interval.

L = PDB or HS in lower portion of saturated screened interval.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 10

ANNUAL PUMPAGE FROM NPI EXTRACTION WELLS (MG)

Year	MRDS Operations			Southwest Corner Operations					Combined Discharge to Storm Sewer
	EW-1/1R	EW-2	CAS-1	EW-3	EW-4	EW-5	EW-6	CAS-2/2R	
1994 ⁽¹⁾	42.89	34.34	77.23	30.6	56.91	NI	NI	87.51	164.74
1995	37.41	35.98	73.39	29.8	75.8	NI	NI	105.60	178.99
1996	59.75	48.95	108.7	24.63	87.08	NI	NI	111.71	220.41
1997	59.72	47.96	107.68	22.49	85.17	NI	NI	107.66	215.34
1998 ⁽²⁾	46.45	38.59	85.04	21.22	76.23	NI	NI	97.45	182.49
1999 ⁽³⁾	56.00	46.67	102.67	20.39	71.33	NI	NI	91.72	194.39
2000	55.15	51.11	106.26	21.62	70.67	NI	NI	92.29	198.55
2001	54.24	50.18	104.42	26.26	68.97	NI	NI	95.23	199.65
2002	53.73	50.55	104.28	33.04	69.70	NI	NI	102.74	207.02
2003	53.61	49.36	102.97	21.54	83.60	NI	NI	105.14	208.11
2004	48.38	47.59	95.97	NO	74.23	86.70	NI	160.93	256.90
2005 ⁽⁴⁾	46.24	43.67	89.91	NO	57.82	81.48	NI	139.30	229.21
2006	46.34	43.46	89.8	NO	52.36	74.83	NI	127.19	216.99
2007	42.62	38.99	81.61	NO	43.73	64.46	NI	108.19	189.80
2008	44.19	40.46	84.65	NO	44.06	65.75	NI	109.81	194.46
2009 ⁽⁵⁾	43.30	25.73	69.03	NO	43.41	73.45	NI	116.86	185.89
2010 ⁽⁶⁾	32.88	19.5	52.38	NO	36.12	74.63	NI	110.75	163.13
2011 ^(7,8)	NO	NO	NO	abnd	abnd	88.80	26.77	115.57	115.57
2012 ⁽⁸⁾	NO	NO	NO	abnd	abnd	88.92	103.44	192.36	192.36
2013	NO	NO	NO	abnd	abnd	89.40	99.64	189.04	189.04
2014	NO	NO	NO	abnd	abnd	87.25	97.24	184.49	184.49
2015	NO	NO	NO	abnd	abnd	59.82	89.09	148.91	148.91
2016	NO	NO	NO	abnd	abnd	NO	96.44	96.44	96.44
TOTALS	822.90	713.09	1,535.99	251.59	1,097.19	935.49	512.62	2,796.89	4,332.88

NOTES:

Units are in millions of gallons (MG).

CAS-1 and CAS-2/2R were/cascade aerators serving the extraction wells shown and discharge to the storm sewer via manhole MH-18.

EW-3 was turned off in August 2003 when its pump failed. The well was abandoned on June 24, 2010.

EW-4 was turned off and abandoned in October 2010.

EW-5 began full-time operation on January 8, 2014, and stopped operating on September 12, 2015.

EW-6 began operating in late October 2011.

abnd = Abandoned and not operating.

NI = Not installed and operating.

NO = Not operated in year shown.

FOOTNOTES:

(1) No pumpage in Jan. and Feb.; full-scale pumping did not begin until March.

(2) Pumpage affected in June and July; pumps were off all or part of these months due to construction at Melby Road and removal of Drywell #2.

(3) Pumpage affected in June for EW-3 and EW-4; pump and meter replaced at EW-3, new flow meter turbine at EW-4.

(4) Pumpage affected in May; pumps were turned off on the 16th and back on the 17th to shock O/W separator and address algae growth.

(5) Pumpage affected in August, November, and December for EW-2 due to pump problems.

(6) Pumpage for EW-2 was affected Jan.-Feb. due to pump problems. EW-4 affected in March-June due to low groundwater elevations. EW-5 affected Oct. 18-Nov. 9 while CAS-2 was replaced and power re-routed. All wells off Sept. 22-27 for O/W separator maintenance.

(7) EW-6 was shut down all or part of October 14-16 and 22-23 for pump tests.

(8) During their 18-month trial shutdown, EW-1R and EW-2 only operated about 15 minutes each per quarter to purge them prior to sampling.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 11

TCA CONCENTRATIONS IN NPI PUMPED GROUNDWATER (2013-2016)

Date	FN	MRDS		CAS-1		Southwest Corner					CAS-2/2R		Manhole	
		Extraction Wells		Effluent	Percent Removal	Extraction Wells					Effluent	Percent Removal	MH-18	RQ
		EW-1/1R	EW-2			EW-3	EW-4	EW-5	EW-6	RQ				
04/01/13		NO	NO	NO	na	abnd	abnd	NO	1.6		NS	44	0.90	U
07/01/13		NO	NO	NO	na	abnd	abnd	NO	3.9		NS	21	3.4	
10/15/13		NO	NO	NO	na	abnd	abnd	NO	NS		NS	--	NS	
12/04/13		NO	NO	NO	na	abnd	abnd	NO	1.2		NS	48	0.42	J
04/14/14		NO	NO	NO	na	abnd	abnd	NO	1.4		NS	49	0.50	U
06/17/14		NO	NO	NO	na	abnd	abnd	NO	1.5		NS	44	0.59	J
09/18/14		NO	NO	NO	na	abnd	abnd	NO	1.2		NS	42	0.50	U
12/02/14		NO	NO	NO	na	abnd	abnd	NO	1.2		NS	42	0.50	U
03/23/15		NO	NO	NO	na	abnd	abnd	NO	1.2		NS	21	0.68	J
06/15/15		NO	NO	NO	na	abnd	abnd	NO	1.4		NS	38	0.60	J
09/22/15		NO	NO	NO	na	abnd	abnd	NO	1.4		NS	23	0.89	J
12/07/15		NO	NO	NO	na	abnd	abnd	NO	0.86	J	NS	-5	0.90	J
03/21/16		NO	NO	NO	na	abnd	abnd	NO	1.3		NS	36	0.83	J
06/13/16		NO	NO	NO	na	abnd	abnd	NO	1.5		NS	33	1.0	
08/30/16		NO	NO	NO	na	abnd	abnd	NO	1.1		NS	37	0.69	J
12/06/16		NO	NO	NO	na	abnd	abnd	NO	1.2		NS	42	0.70	J

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g}/\ell$) and sampling frequency was reduced to quarterly after November 1998.

abnd = Abandoned and not operating.

FN = Footnotes (see below, if any).

J = Estimated concentration below laboratory quantitation level.

N = No removal needed as influent concentrations were below the detection limit.

na = Not applicable.

NI = Not installed and operating.

NO = Not operating.

NS = Not sampled.

RQ = Results qualifier.

U = Compound not detected at or above this value, which is the detection limit.

-- = Percent removal not estimated due to U value(s), NS, etc.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 12

TCE CONCENTRATIONS IN NPI PUMPED GROUNDWATER (2013-2016)

Date	FN	MRDS		CAS-1		Southwest Corner					CAS-2/2R		Manhole		
		Extraction Wells		Effluent	Percent Removal	Extraction Wells					Effluent	Percent Removal	MH-18	Effluent	RQ
		EW-1/1R	EW-2			EW-3	EW-4	EW-5	EW-6	RQ					
04/01/13		NO	NO	NO	na	abnd	abnd	NO	0.87	J	NS	14	0.71	J	
07/02/13		NO	NO	NO	na	abnd	abnd	NO	0.79	J	NS	9	0.65	J	
10/15/13		NO	NO	NO	na	abnd	abnd	NO	NS		NS	--	0.63	J	
12/04/13		NO	NO	NO	na	abnd	abnd	NO	0.83	J	NS	42	0.42	J	
04/14/14		NO	NO	NO	na	abnd	abnd	NO	0.73	J	NS	46	0.36	J	
06/17/14		NO	NO	NO	na	abnd	abnd	NO	0.85	J	NS	28	0.55	J	
09/18/14		NO	NO	NO	na	abnd	abnd	NO	0.71	J	NS	27	0.45	J	
12/02/14		NO	NO	NO	na	abnd	abnd	NO	0.79	J	NS	28	0.49	J	
03/23/15		NO	NO	NO	na	abnd	abnd	NO	0.99	J	NS	29	0.47	J	
06/15/15		NO	NO	NO	na	abnd	abnd	NO	0.71	J	NS	-25	0.70	J	
09/22/15		NO	NO	NO	na	abnd	abnd	NO	0.79	J	NS	18	0.55	J	
12/07/15		NO	NO	NO	na	abnd	abnd	NO	0.58	J	NS	-5	0.61	J	
03/21/16		NO	NO	NO	na	abnd	abnd	NO	0.75	J	NS	36	0.48	J	
06/13/16		NO	NO	NO	na	abnd	abnd	NO	0.81	J	NS	20	0.65	J	
08/30/16		NO	NO	NO	na	abnd	abnd	NO	0.73	J	NS	30	0.51	J	
12/06/16		NO	NO	NO	na	abnd	abnd	NO	0.70	J	NS	23	0.54	J	

NOTES:

Concentrations are in micrograms per liter (µg/l) and sampling frequency was reduced to quarterly after November 1998.

abnd = Abandoned and not operating.

FN = Footnotes (see below, if any).

J = Estimated concentration below laboratory quantitation level.

N = No removal needed as influent concentrations were below the detection limit.

na = Not applicable.

NI = Not installed and operating.

NO = Not operating.

NS = Not sampled.

RQ = Results qualifier.

U = Compound not detected at or above this value, which is the detection limit.

-- = Percent removal not estimated due to ND input, U value(s), NS, etc.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 13

SUMMARY OF RESULTS FROM MANHOLE MH-18 SAMPLING (2013-2016)

Method (units) Analyte/Parameter	Date				Date				Date				Date			
	4/1/13	7/2/13	10/16/13 ⁽¹⁾	12/6/13	4/14/14	6/17/14	9/18/14	12/4/14	3/24/15	6/16/15	9/23/15	12/8/15	3/21/16	6/13/16	8/30/16	12/6/16
EPA 150.1 (standard units)																
Field pH	NA	NA	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPA 6010 (mg/L)																
Hardness as CaCO ₃	NA	NA	57.8	NA	NA	NA	50.1	NA	NA	NA	46.2	NA	NA	NA	51.2	
EPA 6010/6020 (µg/L)																
Total Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cadmium	NA	NA	<0.38	NA	NA	NA	<1.0	NA	NA	NA	<1.0	NA	NA	NA	<1.3	
Total Chromium	NA	NA	2.1 J	NA	NA	NA	NA	NA	NA	NA	2.2 J	NA	NA	NA	NA	
Total Copper	NA	NA	2.9 J	NA	NA	NA	NA	NA	NA	NA	<3.4	NA	NA	NA	NA	
Total Lead	NA	NA	<1.2	NA	NA	NA	NA	NA	NA	NA	<1.6	NA	NA	NA	NA	
Total Nickel	NA	NA	22.0	NA	NA	NA	17.7	NA	NA	NA	2.0 J	NA	NA	NA	3.3 J	
Total Selenium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Zinc	NA	NA	19.0 J	NA	NA	NA	23.6 J	NA	NA	NA	8.7 J	NA	NA	NA	<9.3	
Trivalent Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
EPA 7196A (mg/L)																
Hexavalent Chromium	NA	NA	<0.0034	NA	NA	NA	NA	NA	NA	NA	<0.0039	NA	NA	NA	NA	
EPA 8021/8260 (µg/L)																
1,1,1-Trichloroethane	<0.90	3.4	0.48J	<0.44	<0.50	0.59J	<0.50	<0.50	0.68 J	0.60 J	0.89 J	0.90 J	0.83 J	1.0	0.69 J	0.70 J
1,1-Dichloroethane	<0.75	<0.28	<0.28	<0.28	<0.16	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1-Dichloroethylene	<0.57	<0.43	<0.43	<0.43	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Tetrachloroethylene	<0.45	<0.47	<0.47	<0.47	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethylene	0.71 J	0.65 J	0.63J	0.42 J	0.36J	0.55J	0.45 J	0.49 J	0.47 J	0.70 J	0.55 J	0.61 J	0.48 J	0.65	0.51 J	0.54 J
EPA 8270/8310 (µg/L)																
Acenaphthene	NA	NA	<0.90	NA	NA	NA	0.024 J	NA	NA	NA	<1.3	NA	NA	NA	0.040	
Acenaphthylene	NA	NA	<0.94	NA	NA	NA	0.0046 J	NA	NA	NA	<1.0	NA	NA	NA	<0.0050	
Anthracene	NA	NA	<0.59	NA	NA	NA	0.0037 J	NA	NA	NA	<1.7	NA	NA	NA	<0.010	
Benzo(a)Anthracene	NA	NA	<0.58	NA	NA	NA	<0.0020	NA	NA	NA	<0.51	NA	NA	NA	<0.0076	
Benzo(a)Pyrene	NA	NA	<0.91	NA	NA	NA	<0.0026	NA	NA	NA	<1.8	NA	NA	NA	<0.0011	
Benzo(b)Fluoranthene	NA	NA	<1.4	NA	NA	NA	<0.0028	NA	NA	NA	<0.62	NA	NA	NA	<0.0057	
Benzo(ghi)Perylene	NA	NA	<0.73	NA	NA	NA	<0.0032	NA	NA	NA	<0.77	NA	NA	NA	<0.0068	
Benzo(k)Fluoranthene	NA	NA	<0.97	NA	NA	NA	<0.0034	NA	NA	NA	<0.95	NA	NA	NA	<0.0076	
Chrysene	NA	NA	<0.74	NA	NA	NA	<0.0021	NA	NA	NA	<1.7	NA	NA	NA	<0.013	
Dibenzo(a,h)Anthracene	NA	NA	<1.3	NA	NA	NA	<0.0032	NA	NA	NA	<1.3	NA	NA	NA	<0.010	
Fluoranthene	NA	NA	<0.86	NA	NA	NA	<0.0023	NA	NA	NA	<0.54	NA	NA	NA	<0.011	
Fluorene	NA	NA	<1.1	NA	NA	NA	0.011 J	NA	NA	NA	<0.71	NA	NA	NA	0.018 J	

TABLE 13

SUMMARY OF RESULTS FROM MANHOLE MH-18 SAMPLING (2013-2016)

Method (units) Analyte/Parameter	Date				Date				Date				Date			
	4/1/13	7/2/13	10/16/13 ⁽¹⁾	12/6/13	4/14/14	6/17/14	9/18/14	12/4/14	3/24/15	6/16/15	9/23/15	12/8/15	3/21/16	6/13/16	8/30/16	12/6/16
Indeno(1,2,3-cd)Pyrene	NA	NA	<0.63	NA	NA	NA	NA	<0.0025	NA	NA	NA	<1.4	NA	NA	NA	<0.018
1-Methyl Naphthalene	NA	NA	<0.98	NA	NA	NA	NA	0.018 J	NA	NA	NA	<1.6	NA	NA	NA	0.012 J
2-Methyl Naphthalene	NA	NA	<1.3	NA	NA	NA	NA	0.0060 J	NA	NA	NA	<1.4	NA	NA	NA	0.0074 J
Naphthalene	NA	NA	<0.66	NA	NA	NA	NA	0.028 J	NA	NA	NA	<1.8	NA	NA	NA	<0.018
Phenanthrene	NA	NA	<0.60	NA	NA	NA	NA	0.0043 J	NA	NA	NA	<1.7	NA	NA	NA	<0.014
Pyrene	NA	NA	<1.5	NA	NA	NA	NA	0.0025 J	NA	NA	NA	<1.3	NA	NA	NA	<0.0076

TABLE 13

SUMMARY OF RESULTS FROM MANHOLE MH-18 SAMPLING (2013-2016)

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$) or milligrams per liter (mg/L) as shown.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

HT = This result was analyzed outside of the EPA recommended holding time.

J = Estimated concentration below laboratory quantitation level.

NA = Not analyzed.

S1L = First sample matrix spike recovery was low.

S2L = Second sample matrix spike recovery was low.

SH = Surrogate recovery was high. Result for sample may be biased high.

FOOTNOTE:

(1) The sample submitted for metals analysis was inadvertently filtered and thus the results represent dissolved concentrations. The data are within the historical range.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 14

GROUNDWATER AND PUMPED GROUNDWATER SAMPLING SCHEDULE FOR 2017

PLUME Grouping Sample ID	Grid ID/ Sample Location	Sampling Frequency		Comments
		NPI VOCs	Cadmium	
PLUME 1/2				
CW-11	B8	Quarterly	None	
CW-15	B8	Quarterly	None	
CW-16	B8	Quarterly	None	
CW-17	B8	Quarterly	None	
CW-19	B7	Quarterly	None	
CW-22	C7	Quarterly	None	
CW-23	B7	Quarterly	None	
Raw	Air stripper bldg	Quarterly	None	
Tower A	Air stripper bldg	Quarterly	None	
Tower B	Air stripper bldg	Quarterly	None	
Finished Product	Water plant	Quarterly	None	
EC-1	C7	Quarterly	None	
EC-2	C7	Annual	None	
EC-5	C7	Annual	None	
EC-6	C7	Annual	None	
EW-5	K7	Quarterly	Semi-annual	Shallow and deep samples are collected ⁽¹⁾
EW-6	K7	Quarterly	Semi-annual	
CAS-2R	K7	None	None	Use results from MH-18 ⁽²⁾
MH-18	K7	Quarterly	Annual	Expanded analyte list in Q4 ⁽³⁾
MW-4A	K7	Quarterly	Annual	
MW-4B	K7	Quarterly	Annual	
MW-10A	K8	None	Quarterly	
MW-10B	K8	None	Quarterly	
MW-11A	K7	None	None	
MW-12A	L7	None	None	
MW-23A	J7	Quarterly	None	
MW-23B	J7	Quarterly	None	
MW-34A	K8	Quarterly	Semi-annual	
MW-34B	K8	Quarterly	Semi-annual	
MW-34C	K8	Quarterly	Annual	
MW-35A	I7	Annual	None	
MW-35B	I7	Annual	None	
MW-37A	I7	None	None	
MW-37B	I7	Biennial	None	
MW-38A	I8	Annual	None	
MW-38B	I8	Semi-annual	None	
MW-38C	I8	Annual	None	
MW-39A	J8	None	None	
MW-41A	H8	Annual	None	
MW-41B	H8	Annual	None	
MW-43A	H7	Annual	None	

TABLE 14

GROUNDWATER AND PUMPED GROUNDWATER SAMPLING SCHEDULE FOR 2017

PLUME Grouping Sample ID	Grid ID/ Sample Location	Sampling Frequency		Comments
		NPI VOCs	Cadmium	
MW-43B	H7	Annual	None	
MW-45A	F6	Biennial	None	
MW-45B	F6	Semi-annual	None	
MW-45C	F6	Semi-annual	None	
MW-46A	G7	Lost	None	If found sample once for NPI VOCs and evaluate
MW-46B	G7	Lost	None	If found sample once for NPI VOCs and evaluate
MW-46C	G7	Lost	None	If found sample once for NPI VOCs and evaluate
MW-47A	G7	Biennial	None	
MW-47B	G7	Biennial	None	
MW-49A	D6	Annual	None	
MW-49B	D6	Annual	None	
MW-50A	F6	Lost	None	If found sample once for NPI VOCs and evaluate
MW-50B	F6	Lost	None	If found sample once for NPI VOCs and evaluate
MW-51A	F6	Biennial	None	
MW-51B	F6	Annual	None	
MW-52A	F6	Annual	None	
MW-52B	F6	Annual	None	
MW-53A	E6	Biennial	None	
MW-53B	E6	Annual	None	
MW-54A	D6	Biennial	None	
MW-54B	D6	Annual	None	
MW-54C	D6	Annual	None	
MW-55A	D6	None	None	
MW-55B	D6	Annual	None	
MW-55C	D6	Annual	None	
MW-57A	E6	Biennial	None	
MW-57B	E6	Biennial	None	
MW-59A	F6	Lost	None	If found sample once for NPI VOCs and evaluate
MW-59B	F6	Lost	None	If found sample once for NPI VOCs and evaluate
MW-60A	D7	Biennial	None	
MW-60B	D7	Biennial	None	
MW-61A	C6	Biennial	None	
MW-61B	C6	Biennial	None	
MW-68A	J7	Annual	Annual	
MW-68B	J7	Semi-annual	Quarterly	
MW-69A	J8	None	None	
MW-69B	J8	None	None	
MW-70A	K8	Quarterly	Annual	
MW-70B	K8	Quarterly	Quarterly	
MW-71A	K8	None	None	
MW-74A	J8	Annual	None	
MW-74B	J8	Annual	None	
MW-75	K8	None	Quarterly	
MW-76A	K7	Quarterly	None	
MW-76B	K7	Quarterly	None	
MW-77A	K7	Quarterly	None	

TABLE 14

GROUNDWATER AND PUMPED GROUNDWATER SAMPLING SCHEDULE FOR 2017

PLUME Grouping Sample ID	Grid ID/ Sample Location	Sampling Frequency		Comments
		NPI VOCs	Cadmium	
MW-77B	K7	Quarterly	None	
MW-77C	K7	Quarterly	None	
PW-2	K7	None	None	
PW-3R	K7	Annual	None	
RW-2A	J7	Semi-annual	None	
RW-2B	J7	Semi-annual	None	
RW-2C	J7	Semi-annual	None	
RW-3A	C6	Semi-annual	None	
RW-3B	C6	Semi-annual	None	
RW-3C	C6	Semi-annual	None	
RW-15	J7	Semi-annual	None	
RW-16	G7	Annual	None	
RW-16B	G7	Annual	None	
RW-16C	G7	Annual	None	
RW-18	H8	None	None	
RW-23	H7	Lost	None	If found sample once for NPI VOCs and evaluate
WW-15	I8	Annual	None	
PLUME 3/4				
EW-1R	L6	Quarterly	None	Shallow, mid-depth, and deep ^(1,4)
EW-2	L6	Quarterly	None	Shallow and deep ^(1,4)
CAS-1	L6	None	None	Quarterly sampling if EW-1R and/or EW-2 resume pumping
MW-1	M8	None	None	
MW-5A	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-5B	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-6	L6	Biennial	None	
MW-7	M6	None	None	Previously classified as a Plume 5 monitoring well
MW-8	M6	None	None	Previously classified as a Plume 5 monitoring well
MW-9A	L6	Biennial	None	
MW-9B	L6	None	None	
MW-13A	L7	None	None	
MW-18	M7	None	None	
MW-22A	K6	None	None	
MW-22B	K6	Biennial	None	
MW-26A	L5	Biennial	None	
MW-26B	L5	Semi-annual	None	
MW-27A	L5	None	None	
MW-27B	L5	None	None	
MW-29A	L3	None	None	
MW-29B	L3	Biennial	None	
MW-62AR	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-62B	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-62C	L6	Annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-63A	M6	Annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-63B	M6	Annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-65A	L6	Biennial	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping

TABLE 14

GROUNDWATER AND PUMPED GROUNDWATER SAMPLING SCHEDULE FOR 2017

PLUME Grouping Sample ID	Grid ID/ Sample Location	Sampling Frequency		Comments
		NPI VOCs	Cadmium	
MW-65B	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-65C	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-66A	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-66B	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-66C	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping

NOTES:

Biennial = Sample collected in odd years only.

Lost = Well/piezometer has been lost. If the well/piezometer is found, then it will be sampled once for NPI VOCs and the results will be evaluated to determine if additional sampling is necessary.

NPI VOCs = 1, 1-DCA; 1, 1-DCE; PCE; 1, 1, 1-TCA; and TCE.

Semi-annual = Semi-annual samples collected in second and fourth quarters (Q2/Q4); annual and biennial samples collected in Q2.

FOOTNOTES:

(1) Multi-level samples are collected from extraction wells that have been shut down, as requested by the WDNR.

(2) CAS-2R and MH-18 are located within 60 feet of each other. Consequently, we believe water quality is essentially the same at both locations. For this reason, we will sample MH-18 only, not both MH-18 and CAS-2R.

(3) MH-18 is sampled once a year for an expanded analyte list, per agreement with the WDNR. In odd years the list includes hardness (as CaCO₃); cadmium, chromium, chromium+6, copper, lead, nickel, and zinc as total metals; PAHs; and pentachlorophenol. In even years, the list includes hardness (as CaCO₃); cadmium, nickel, and zinc as total metals; and PAHs.

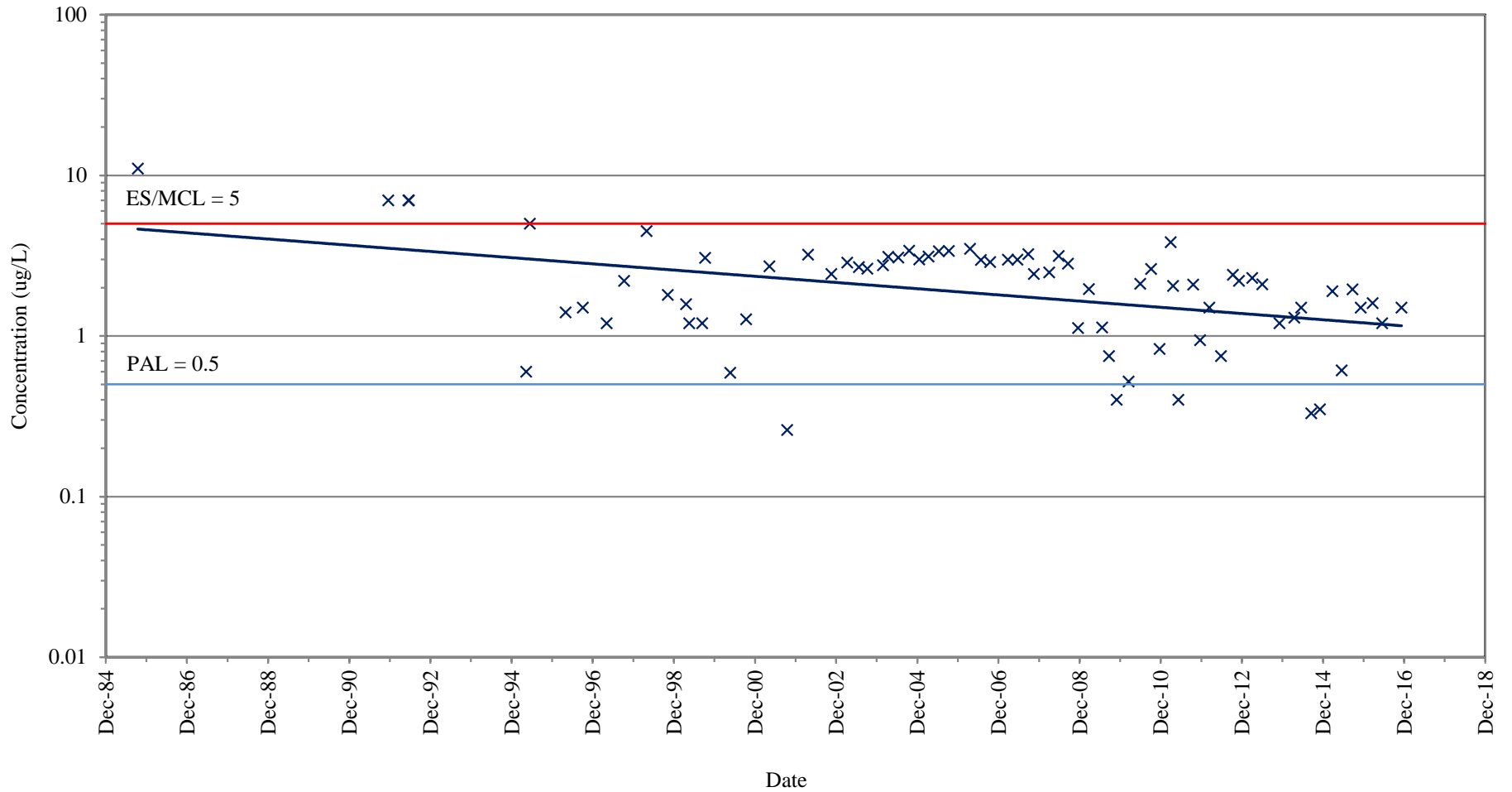
(4) Pumping from EW-1R and/or EW-2 will resume if an increasing trend in TCE or 1,1,1-TCA is observed in any of the MRDS monitoring wells (EW-1R, EW-2, MW-5A/B, MW-62A/B/C, MW-63A/B, MW-65A/B/C, and MW-66A/B/C).

APPENDIX A

CD CONTAINING HISTORICAL ANALYTICAL DATA SUMMARY TABLES,
2016 LABORATORY REPORTS, AND
TEXT OF THE 2016 DATA VALIDATION REPORTS

APPENDIX B

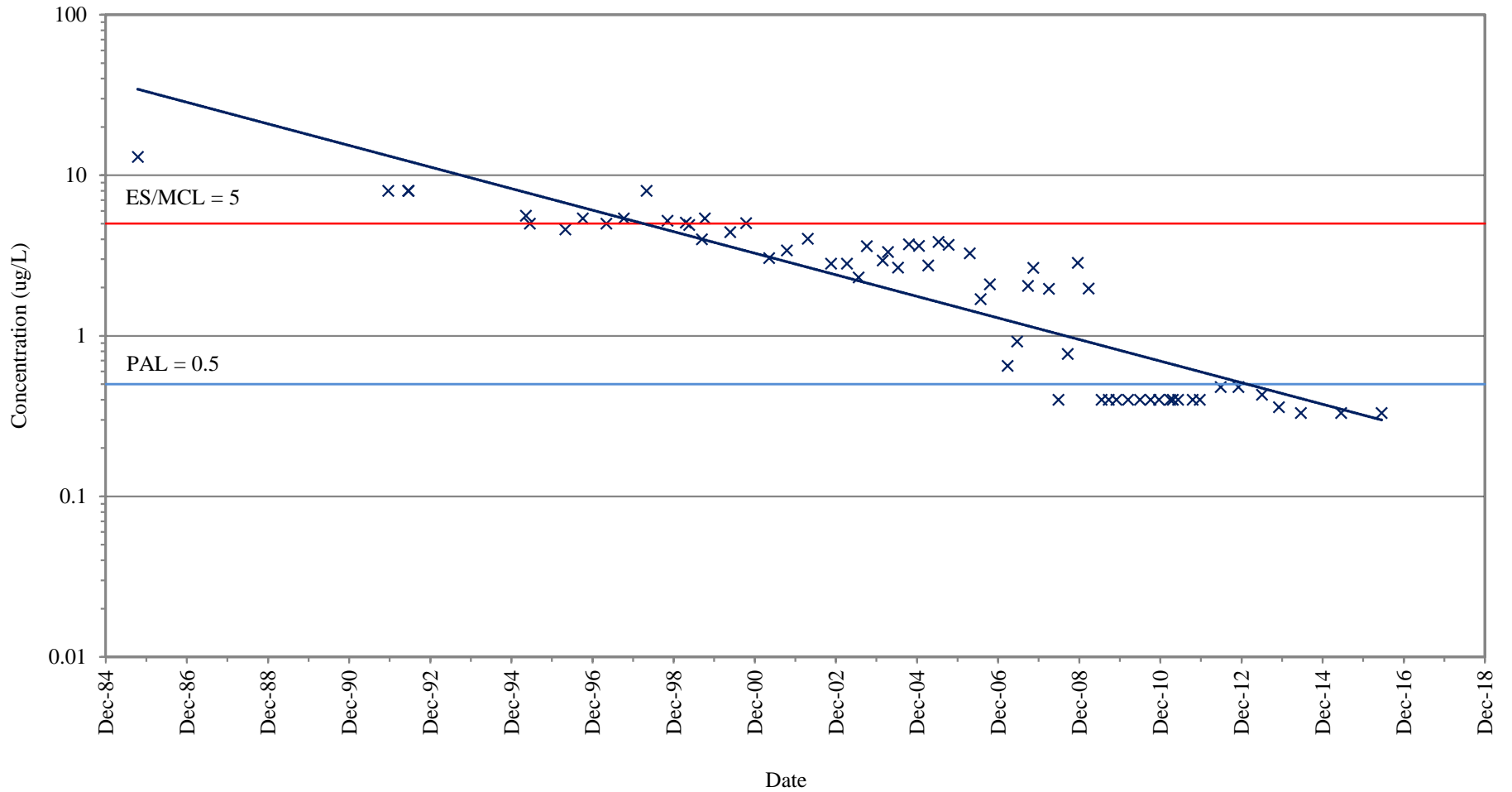
TCE CONCENTRATION VERSUS TIME GRAPHS
PLUME 1/2 (SOUTHWEST CORNER)



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
EC-1 (GRID COORDINATE C7)

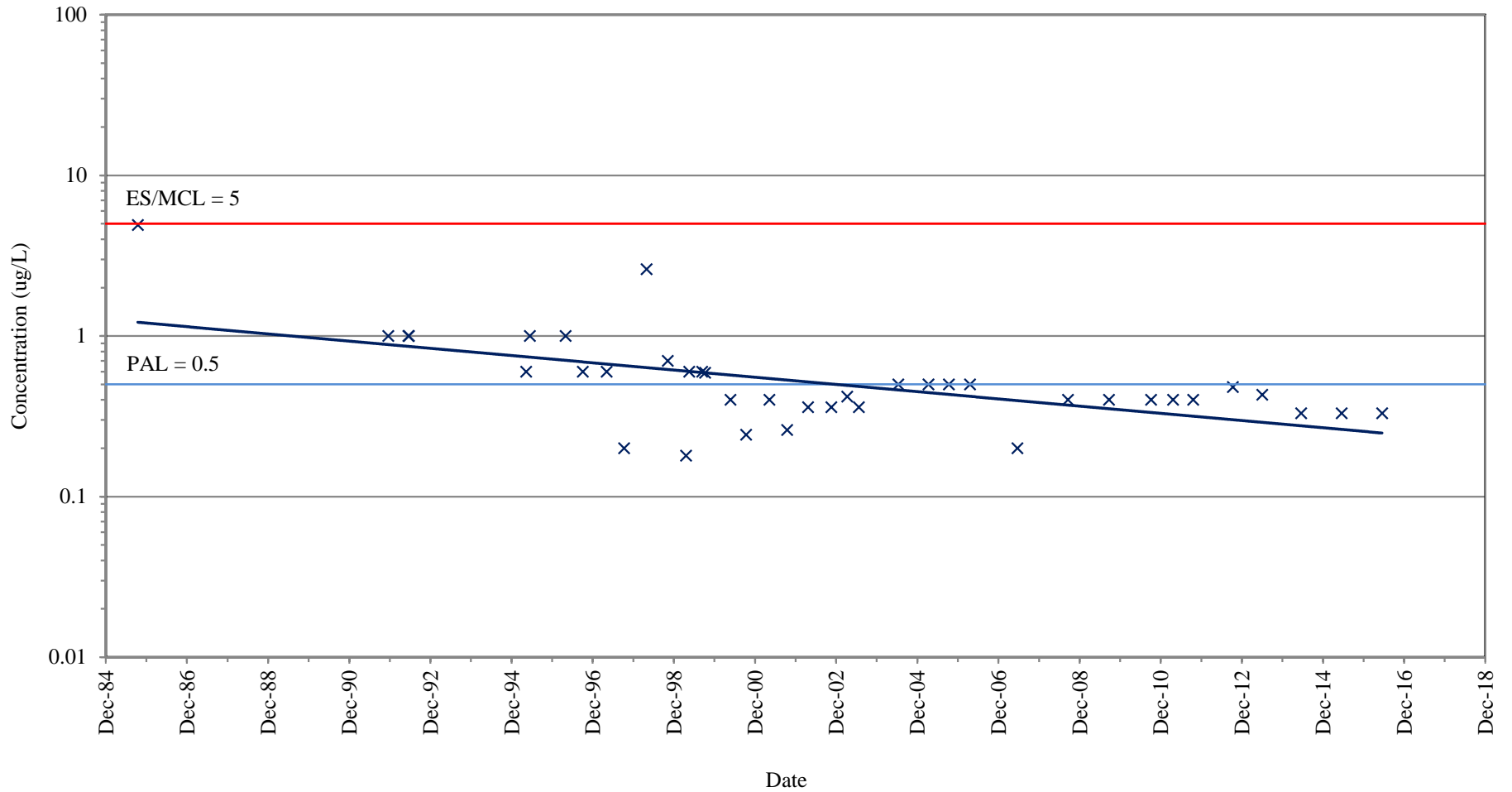
NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
EC-2 (GRID COORDINATE C7)

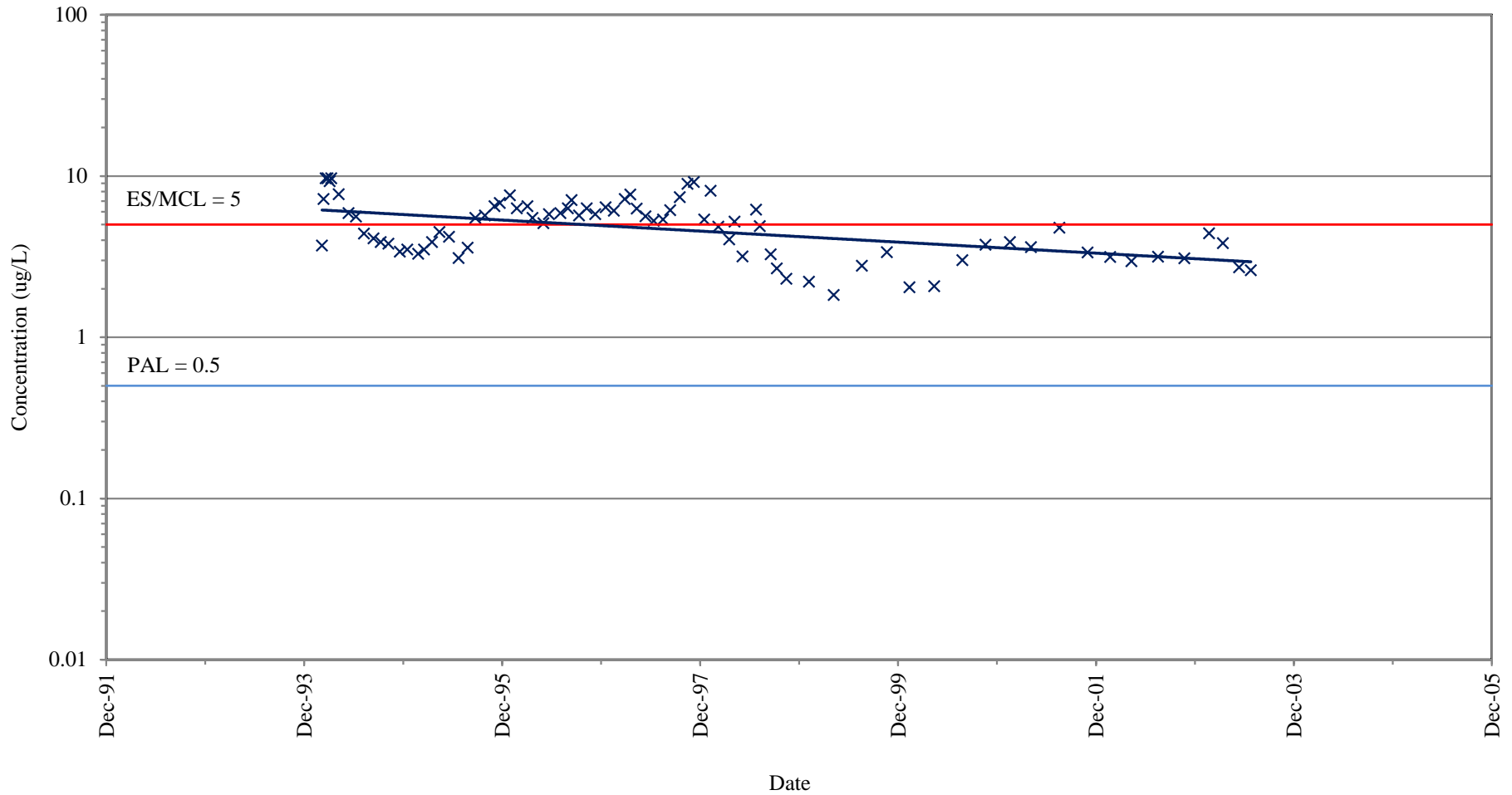
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
EC-6 (GRID COORDINATE C7)

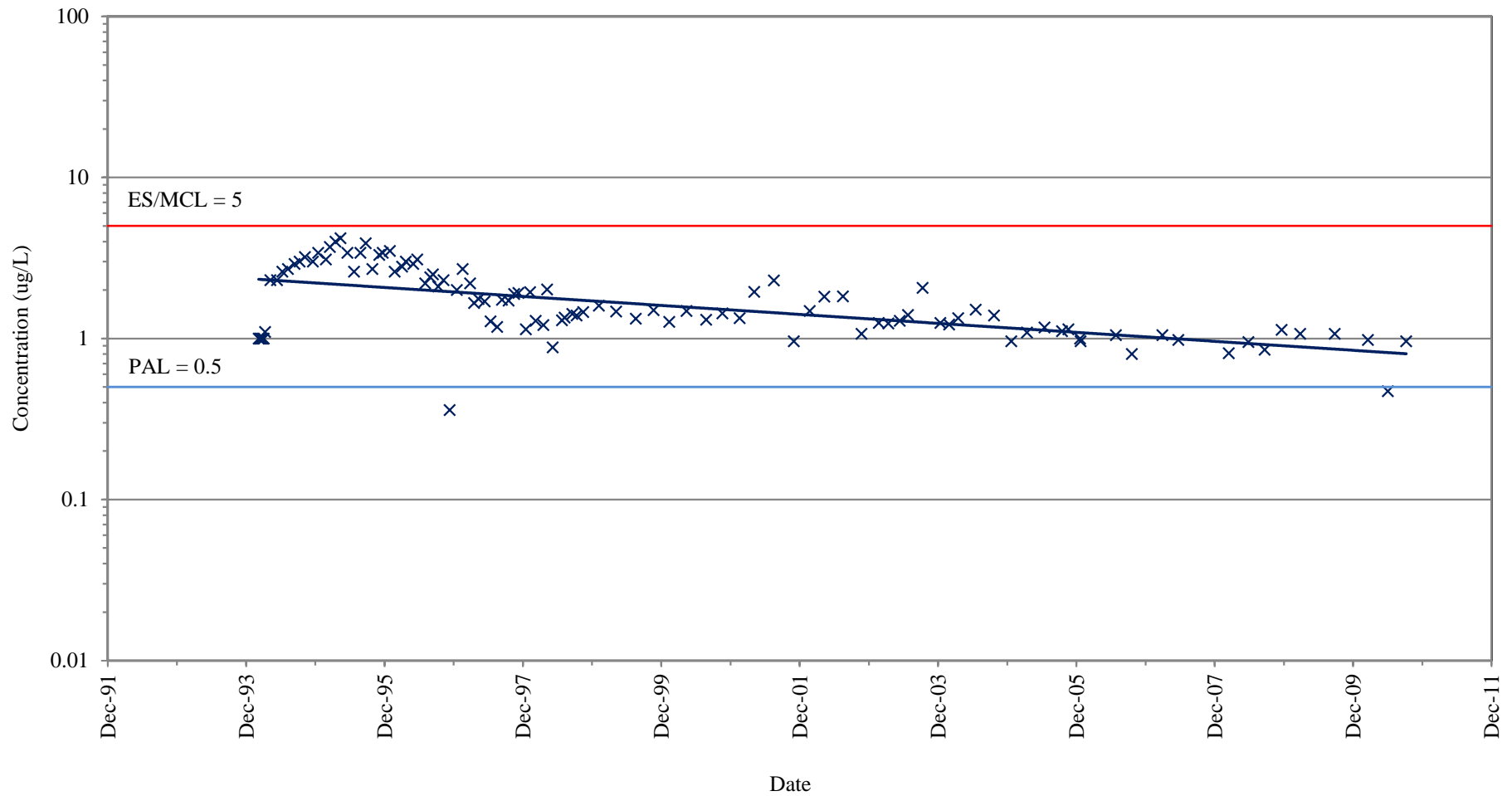
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN

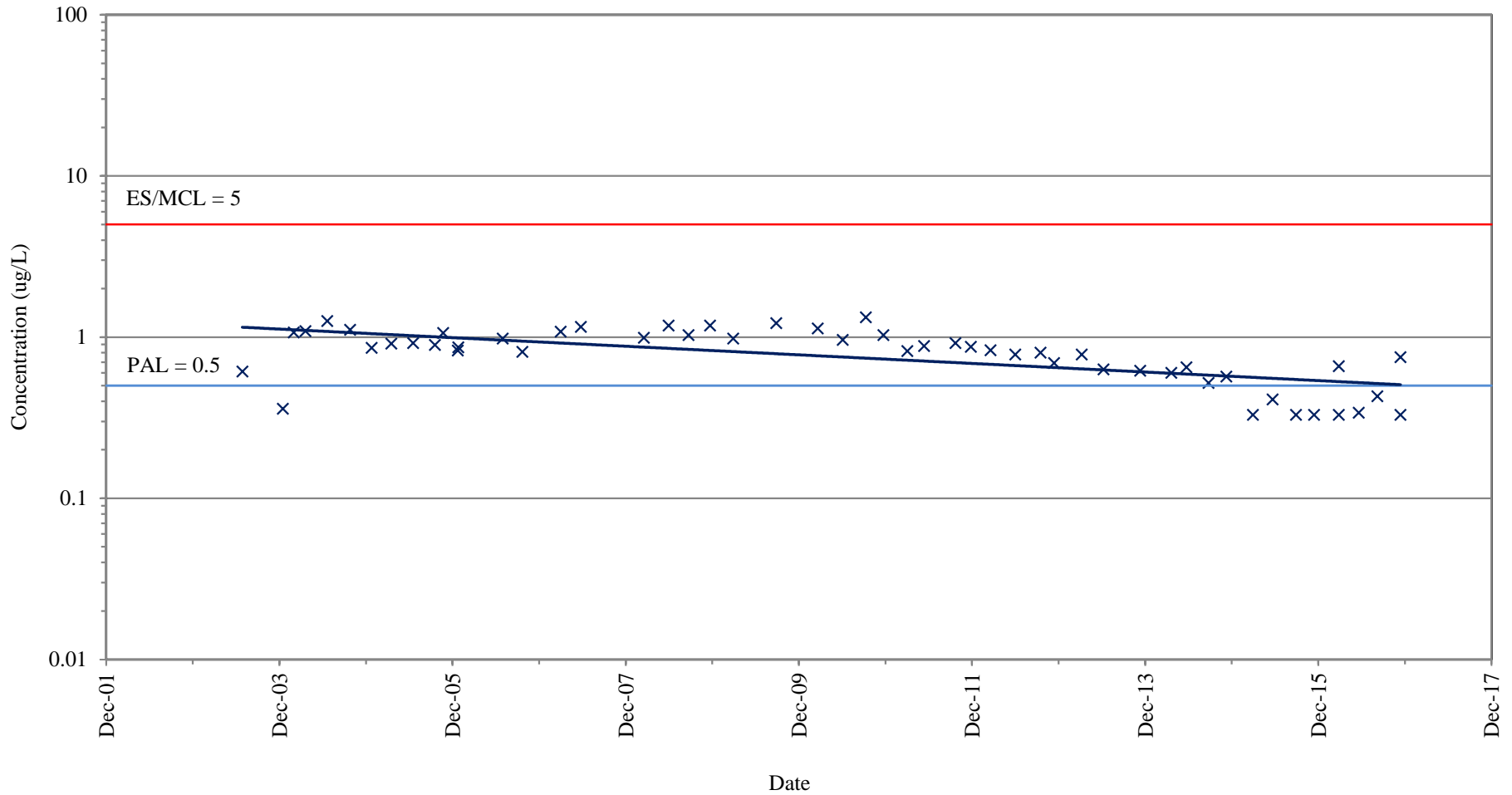


Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
EW-3 (GRID COORDINATE K8)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN

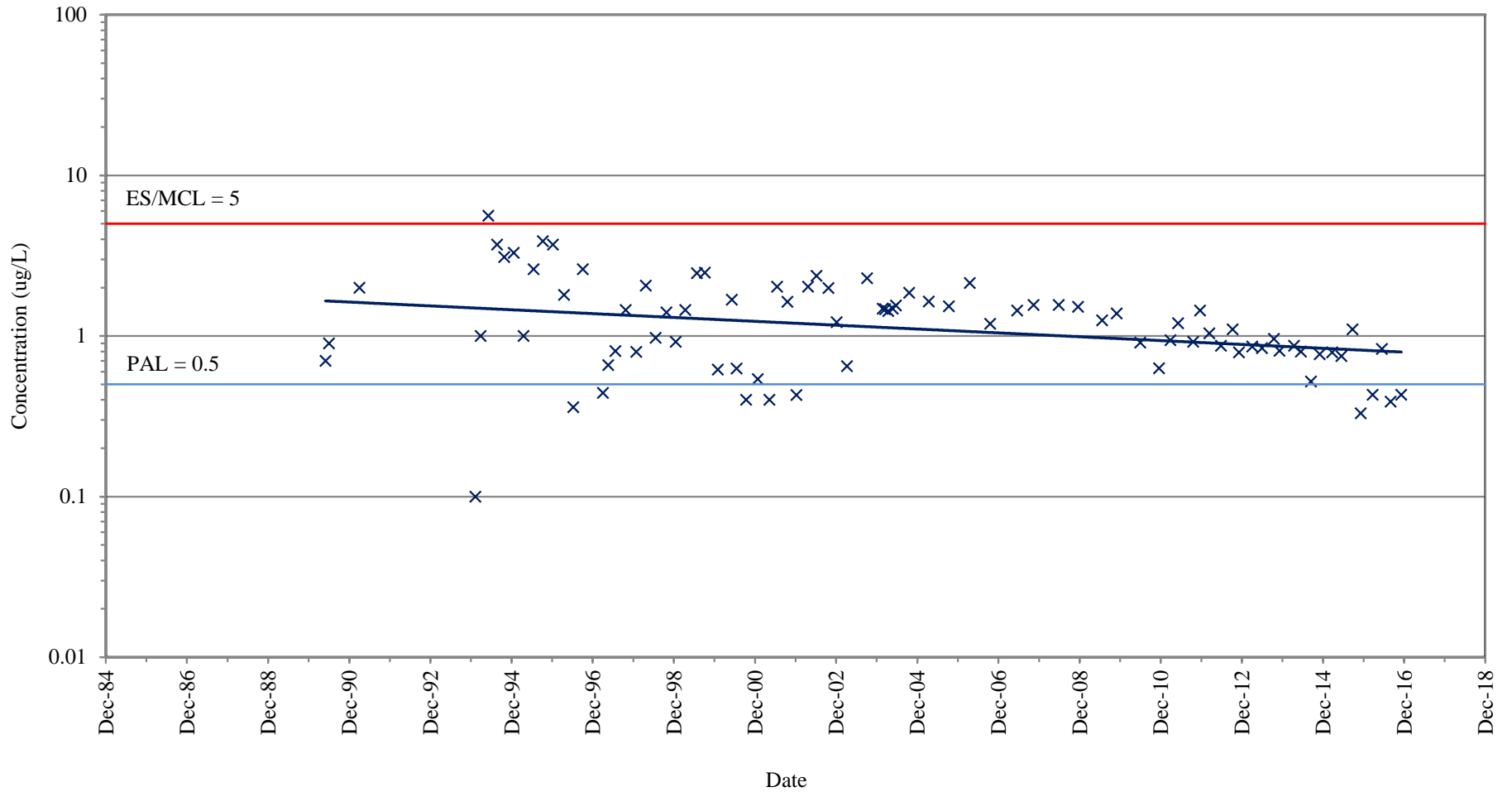




Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
EW-5 (GRID COORDINATE K7)

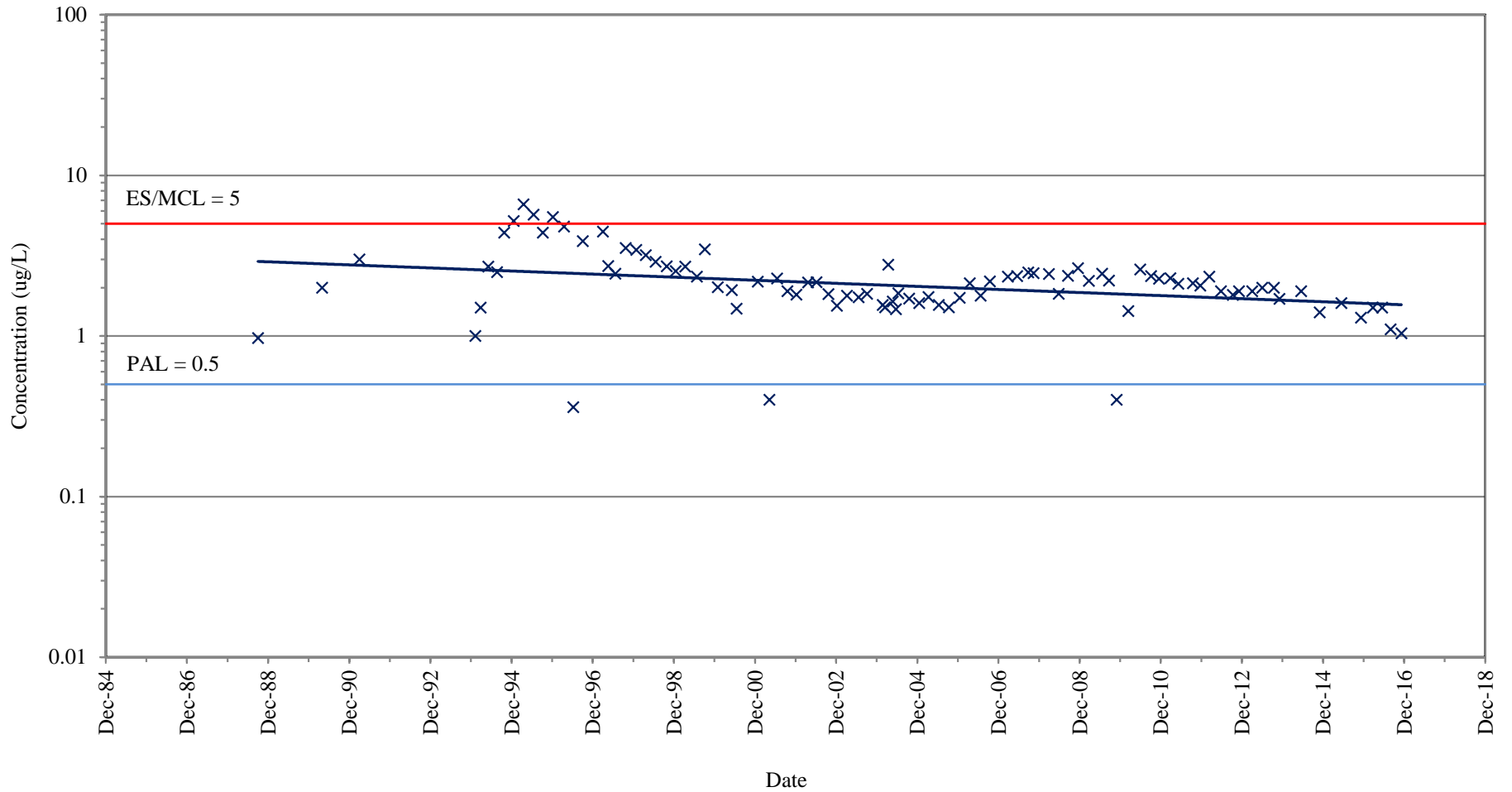
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-4B (GRID COORDINATE K7)

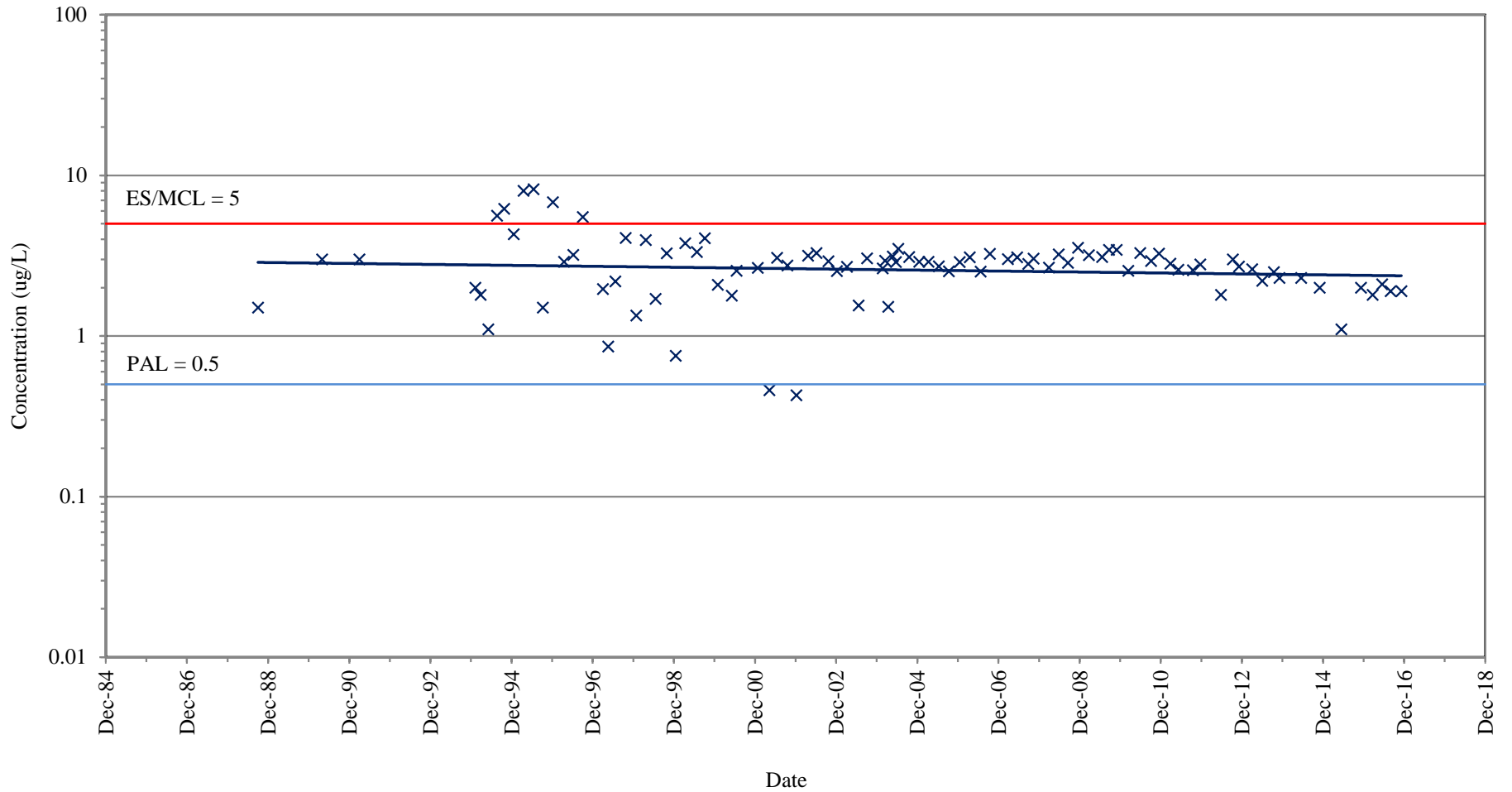
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-23A (GRID COORDINATE J7)

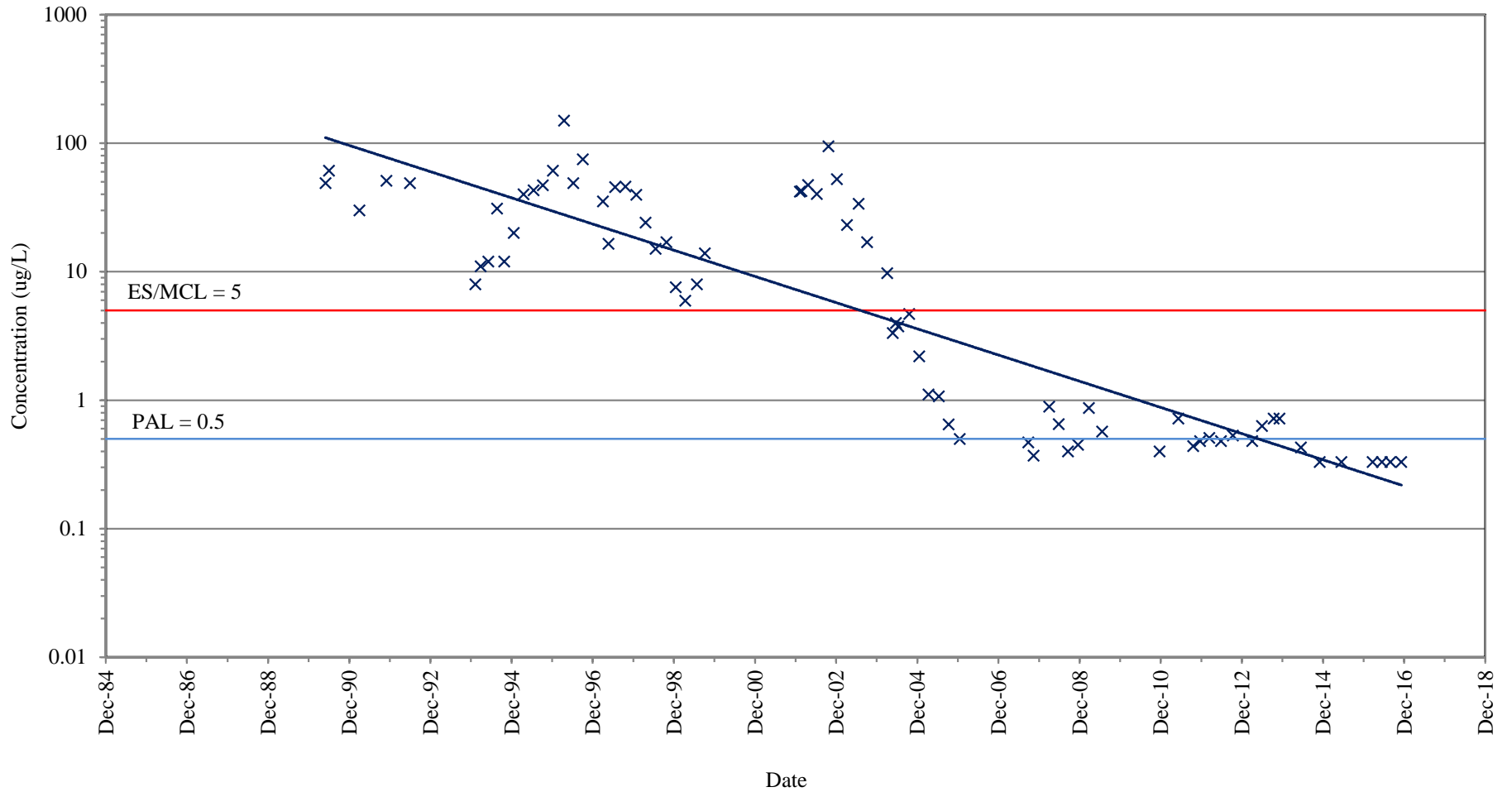
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-23B (GRID COORDINATE J7)

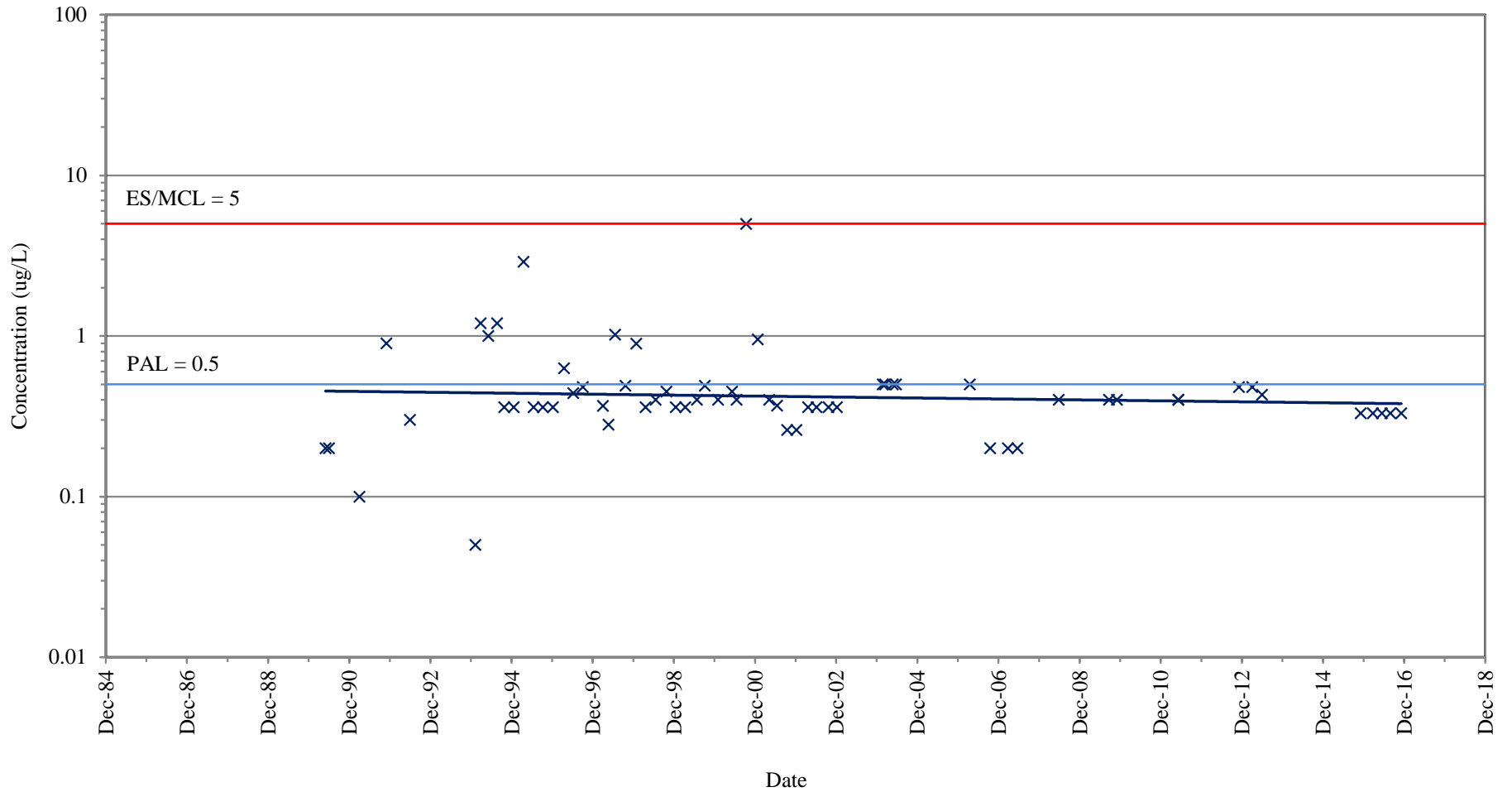
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-34A (GRID COORDINATE K8)

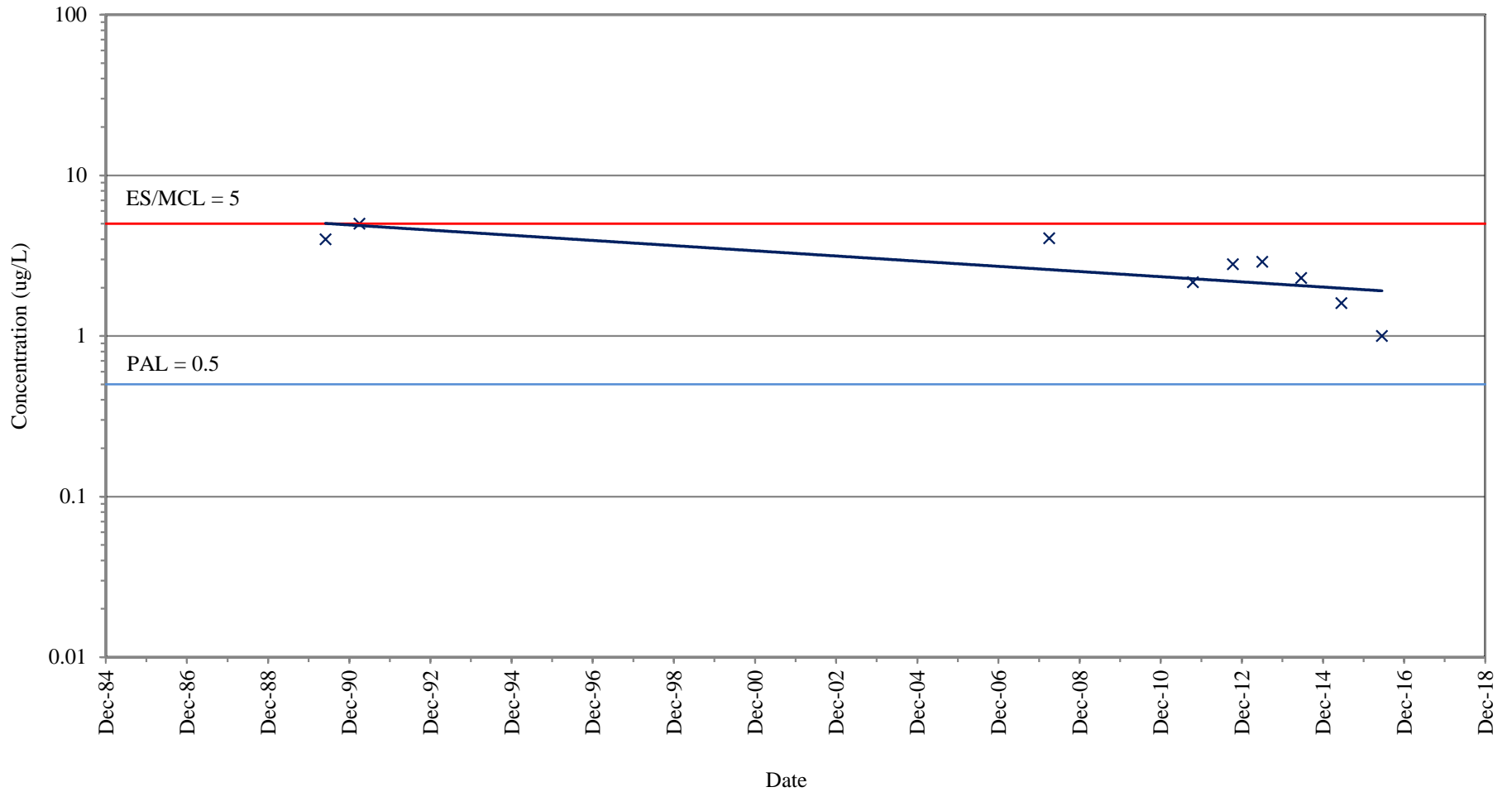
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-34B (GRID COORDINATE K8)

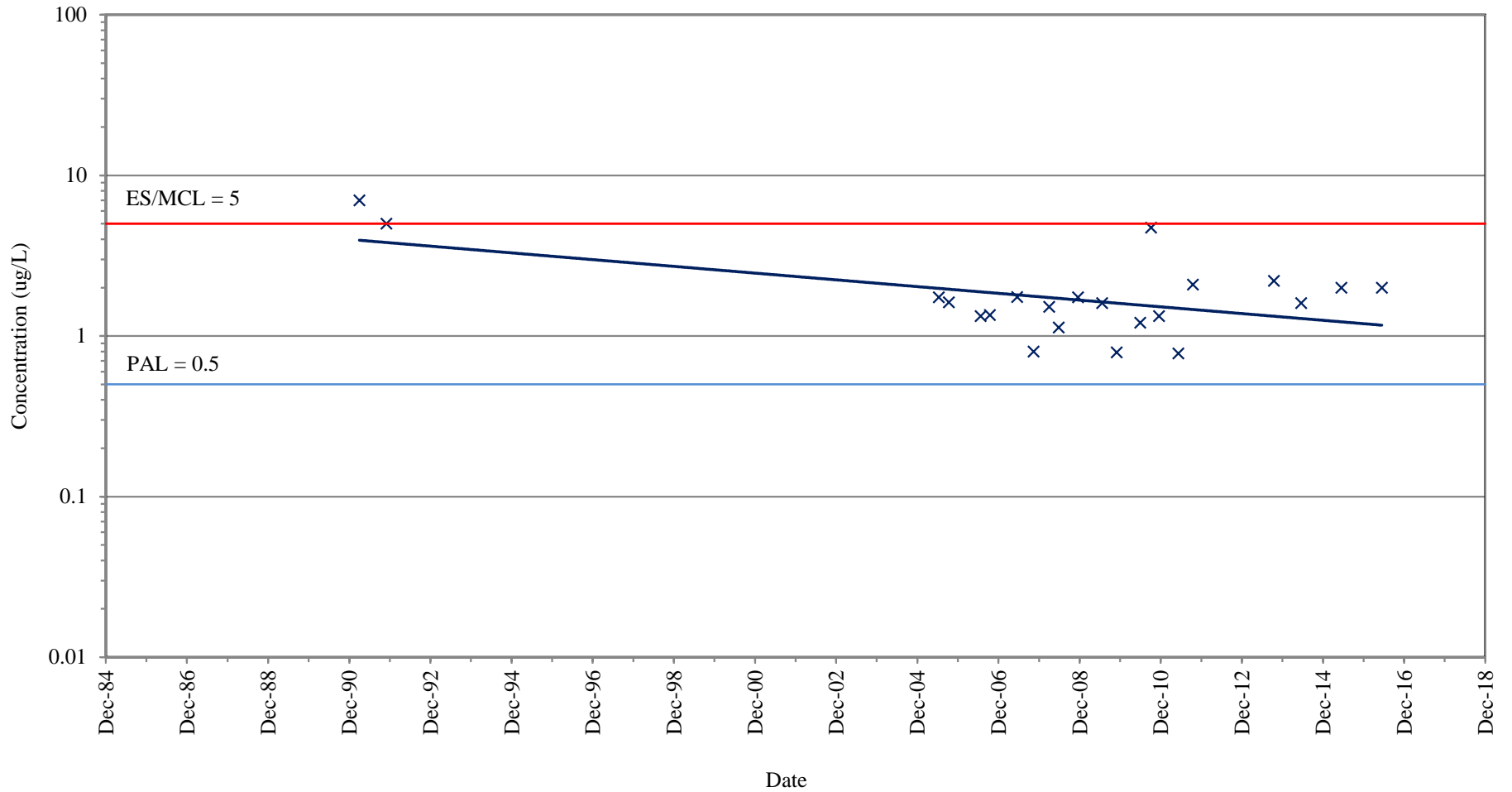
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-35A (GRID COORDINATE K7)

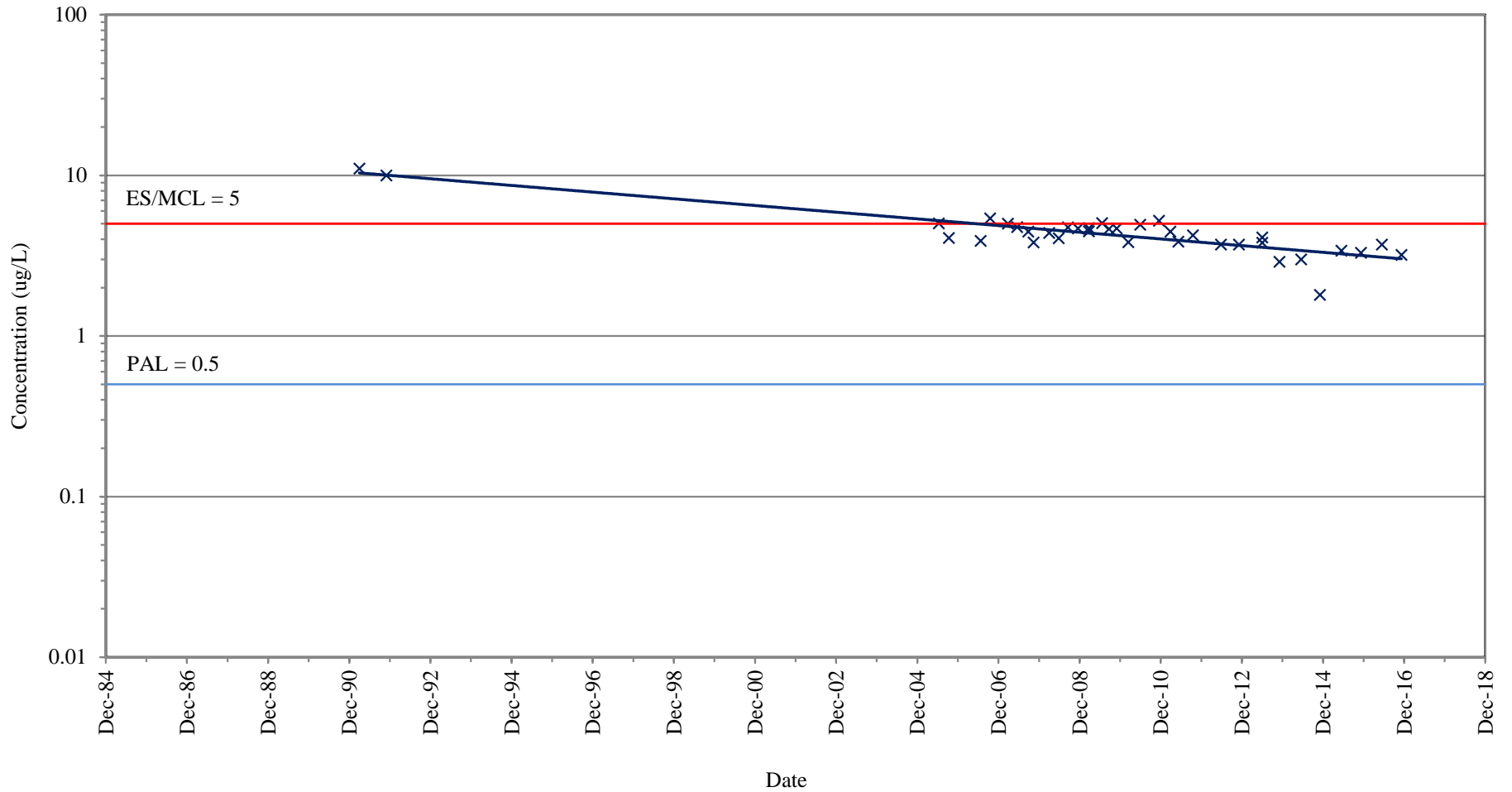
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-38A (GRID COORDINATE I8)

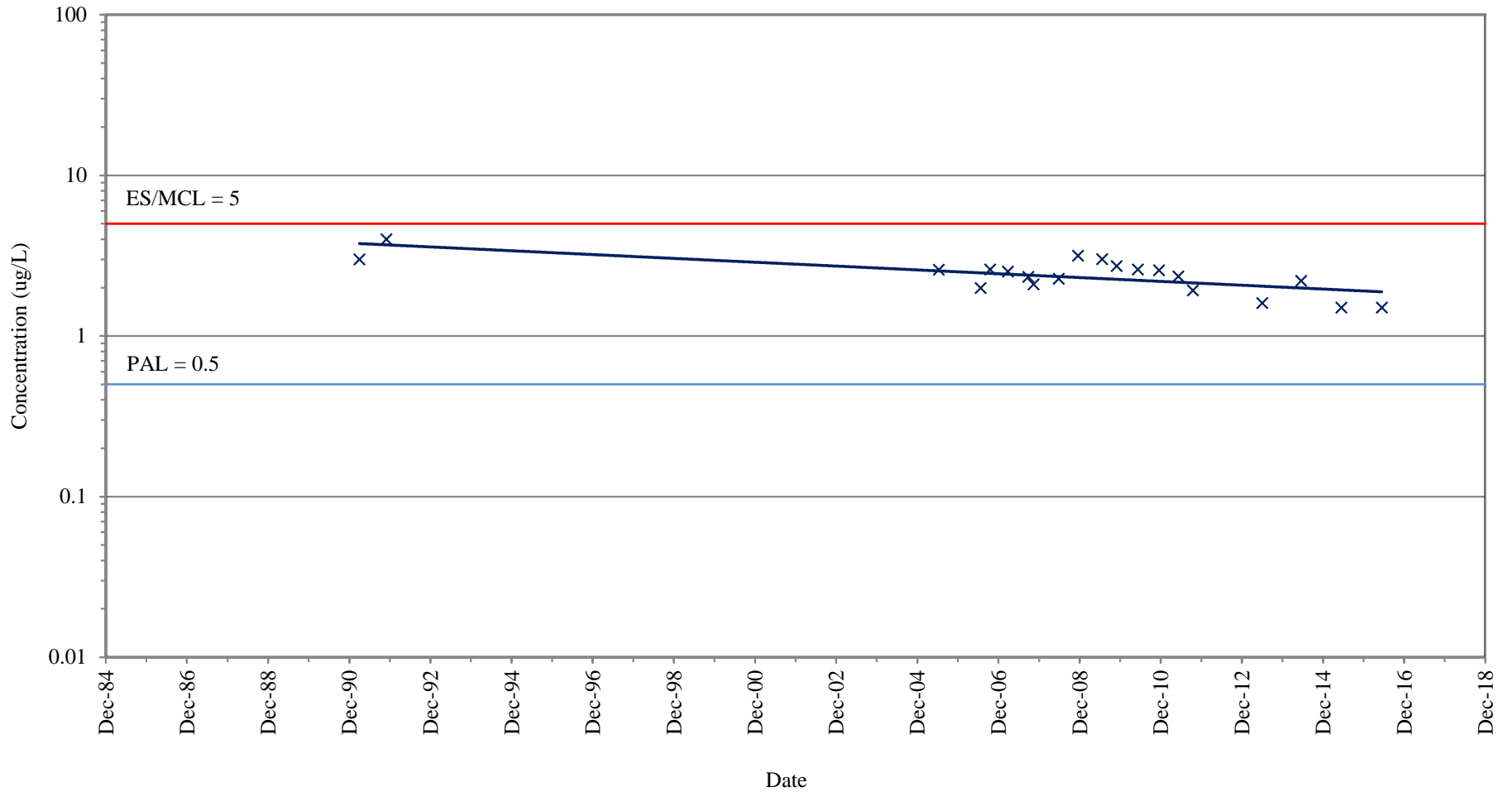
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-38B (GRID COORDINATE I8)

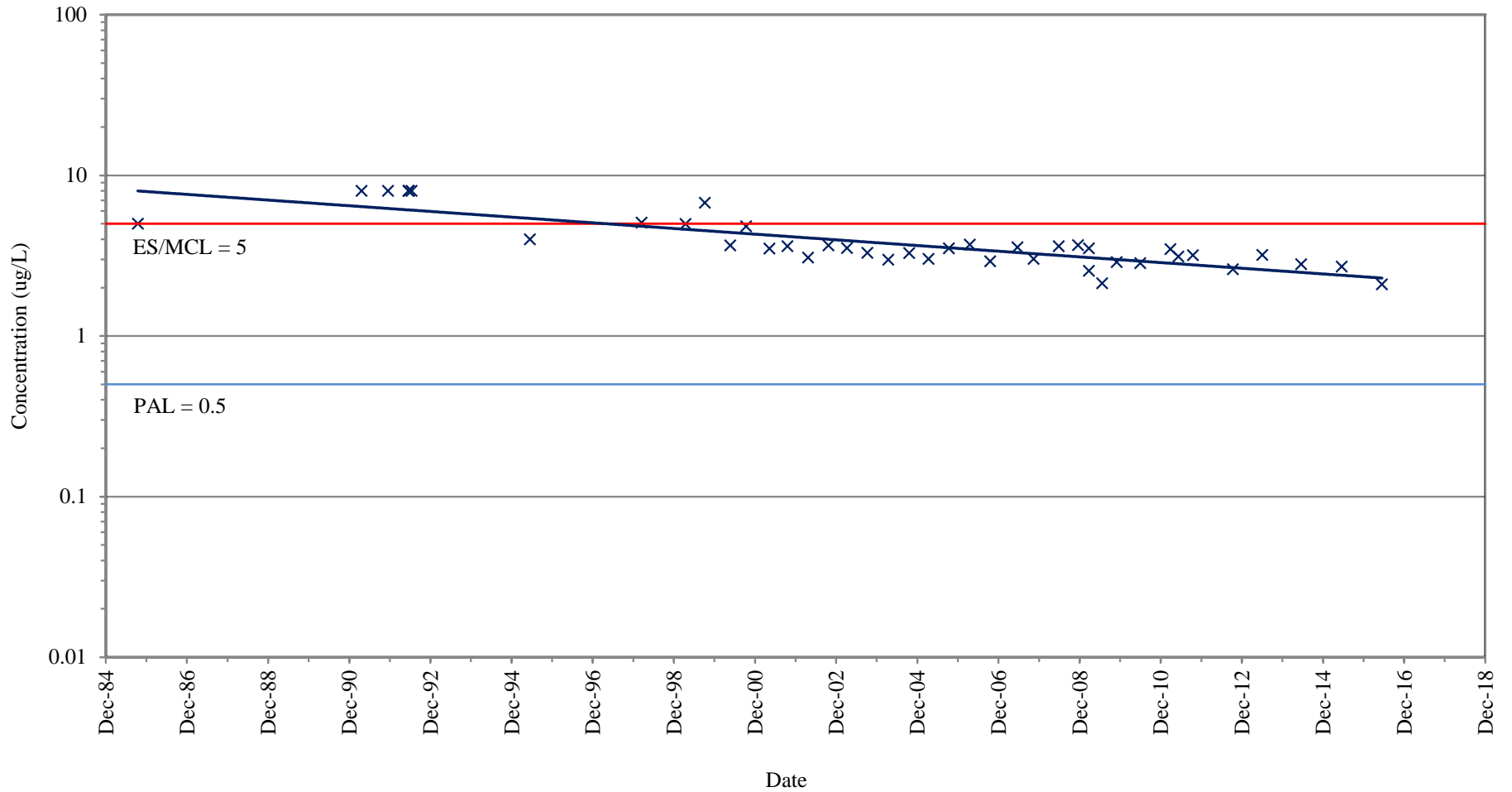
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-38C (GRID COORDINATE I8)

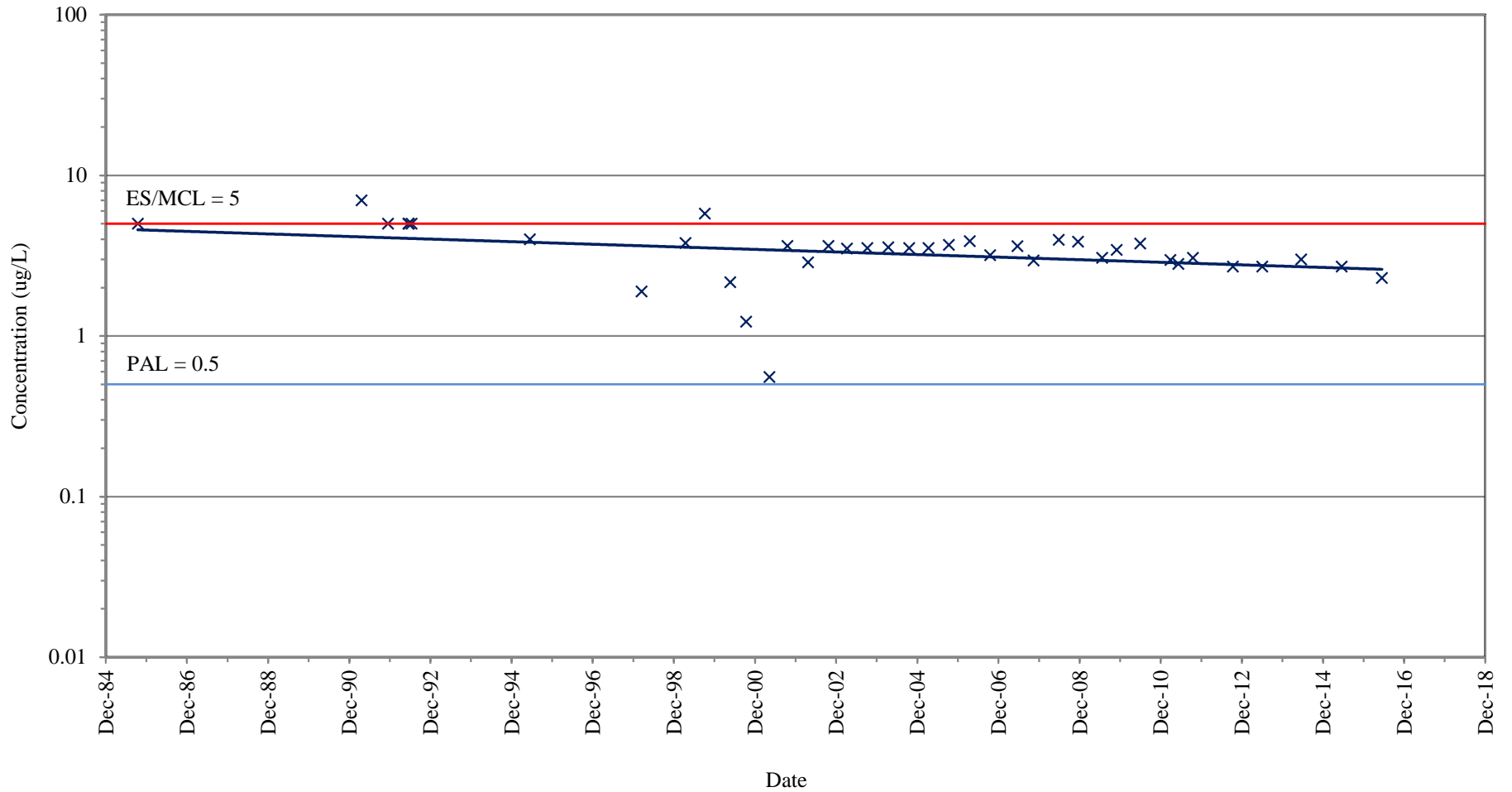
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-41A (GRID COORDINATE H8)

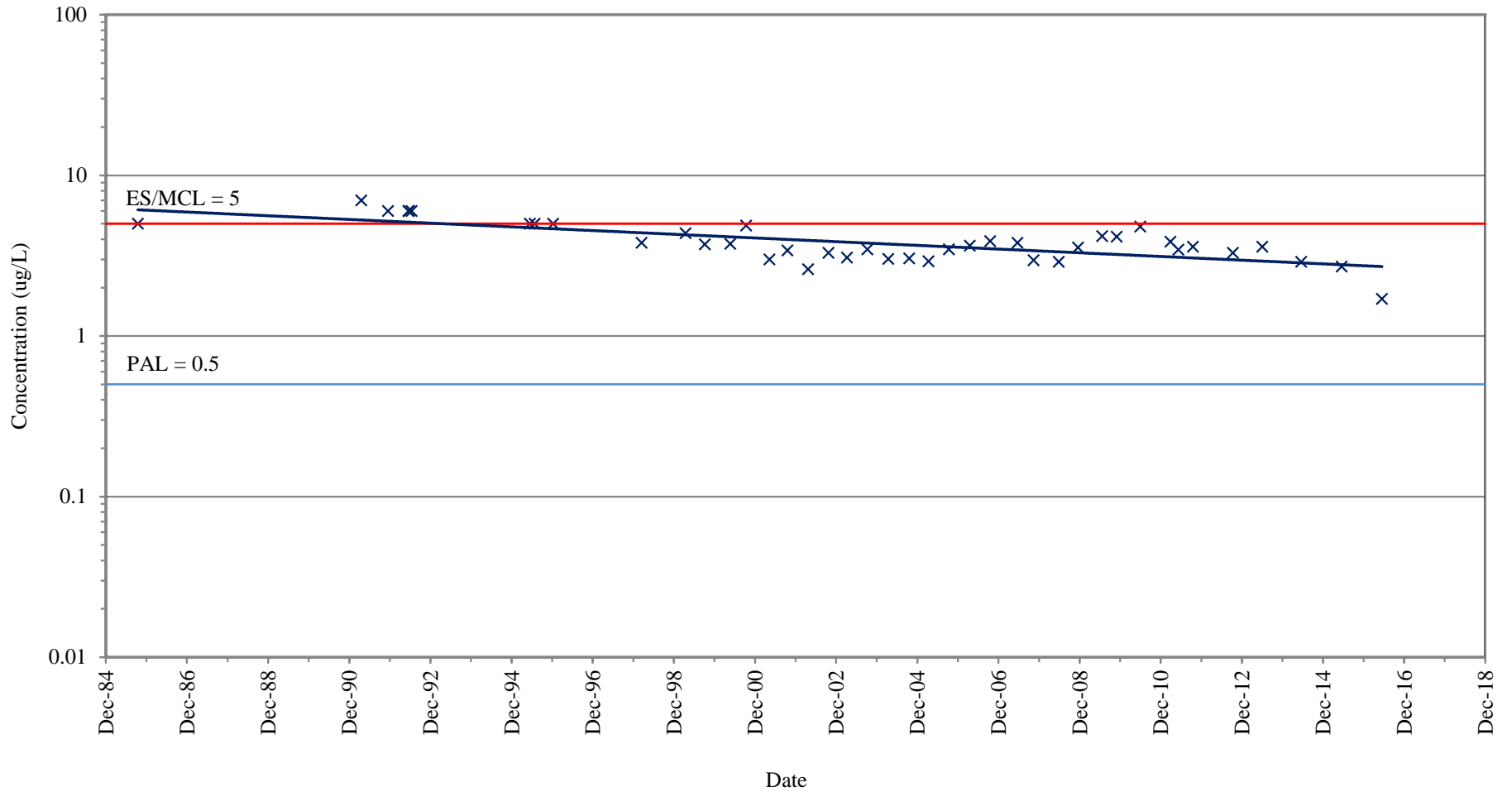
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-41B (GRID COORDINATE H8)

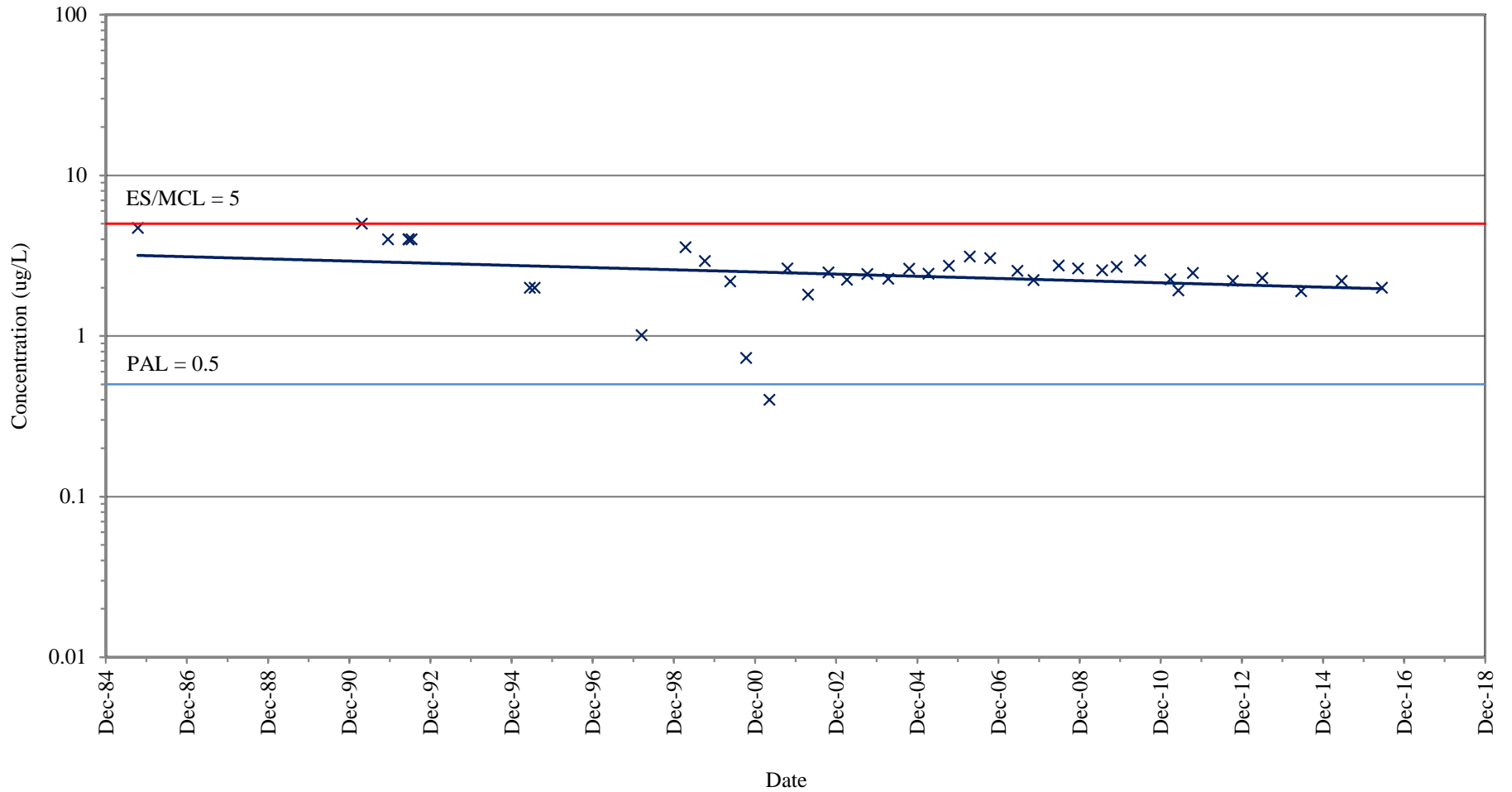
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-43A (GRID COORDINATE H7)

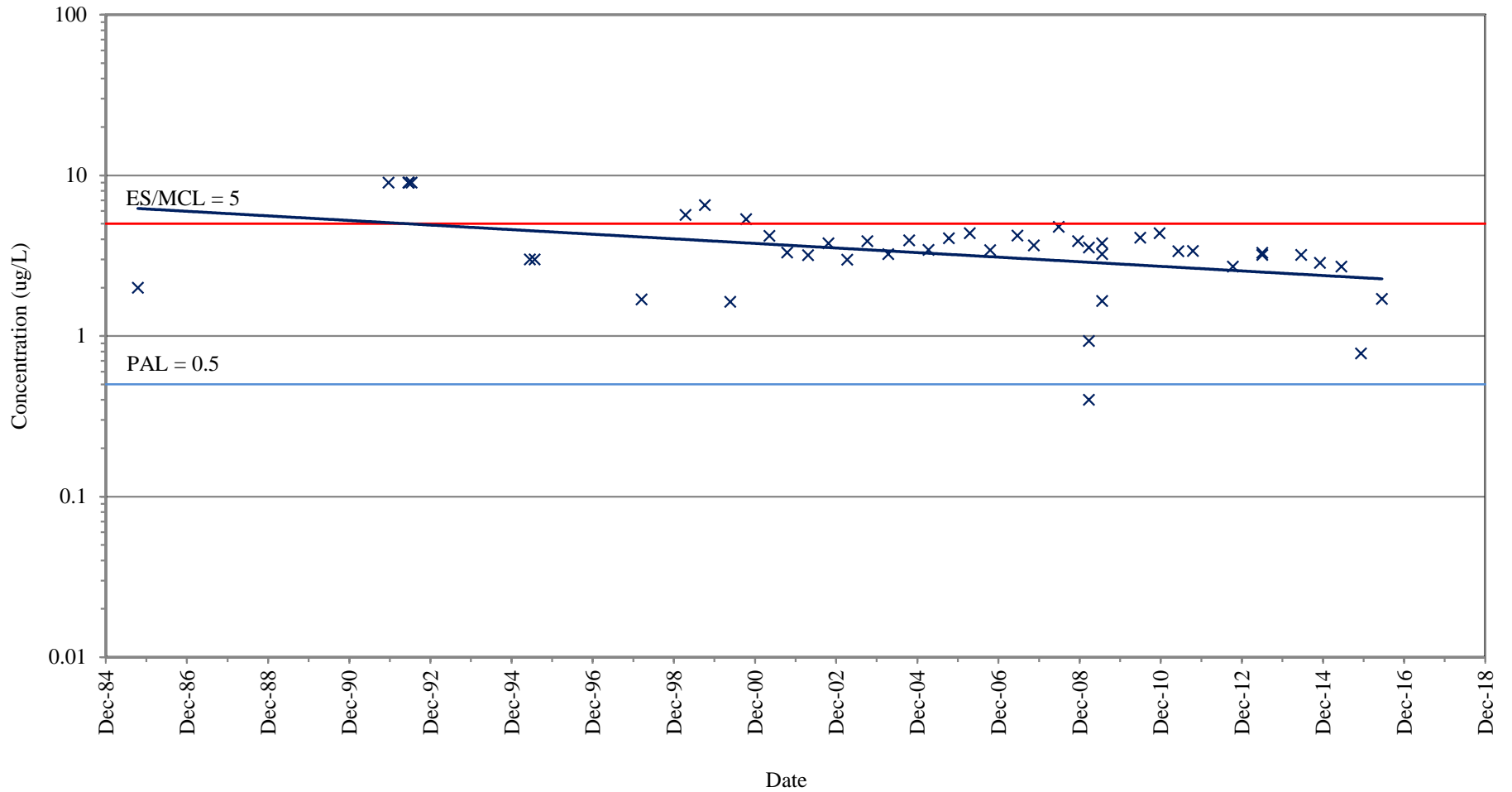
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-43B (GRID COORDINATE H7)

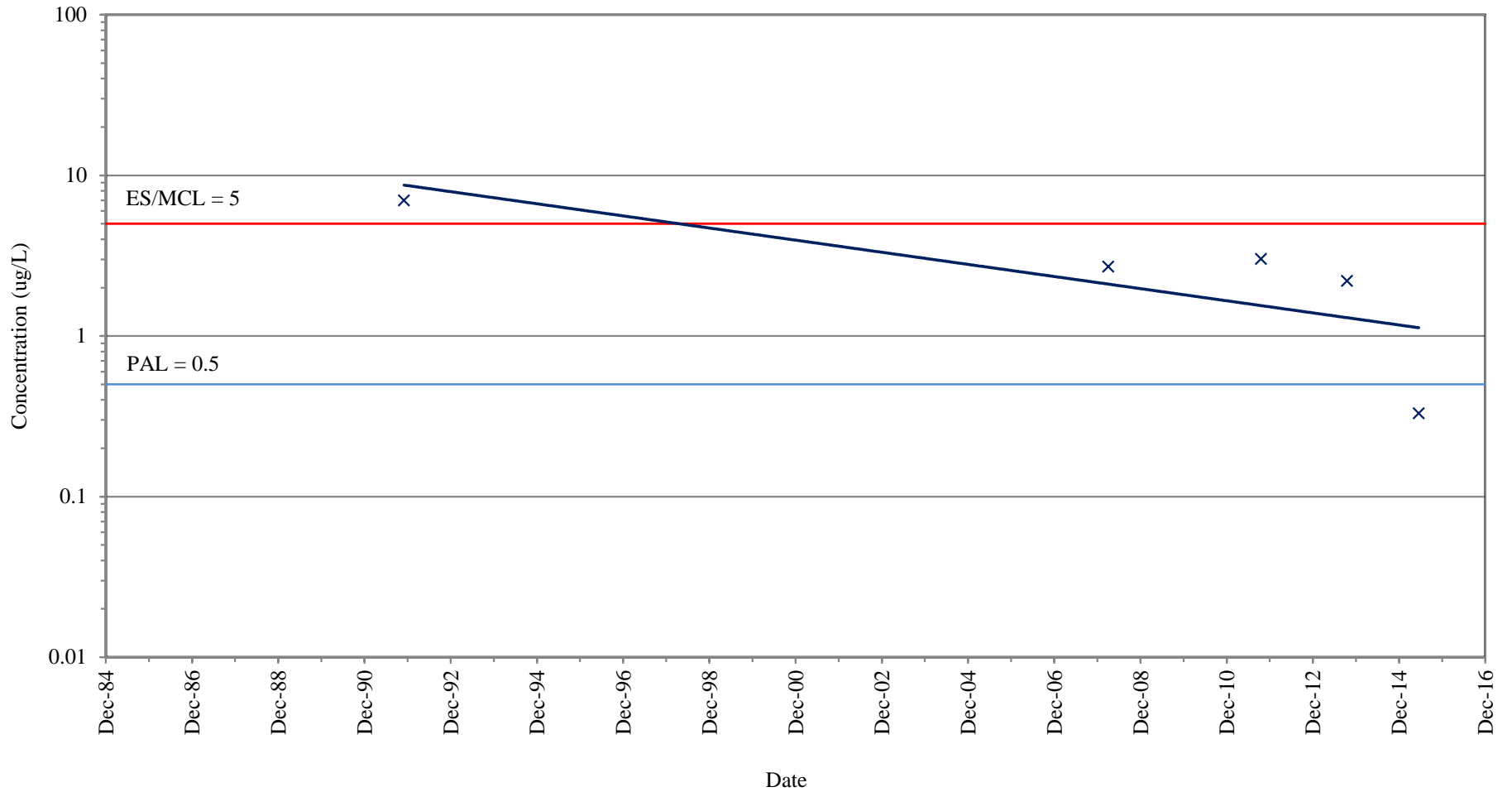
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-45B (GRID COORDINATE F6)

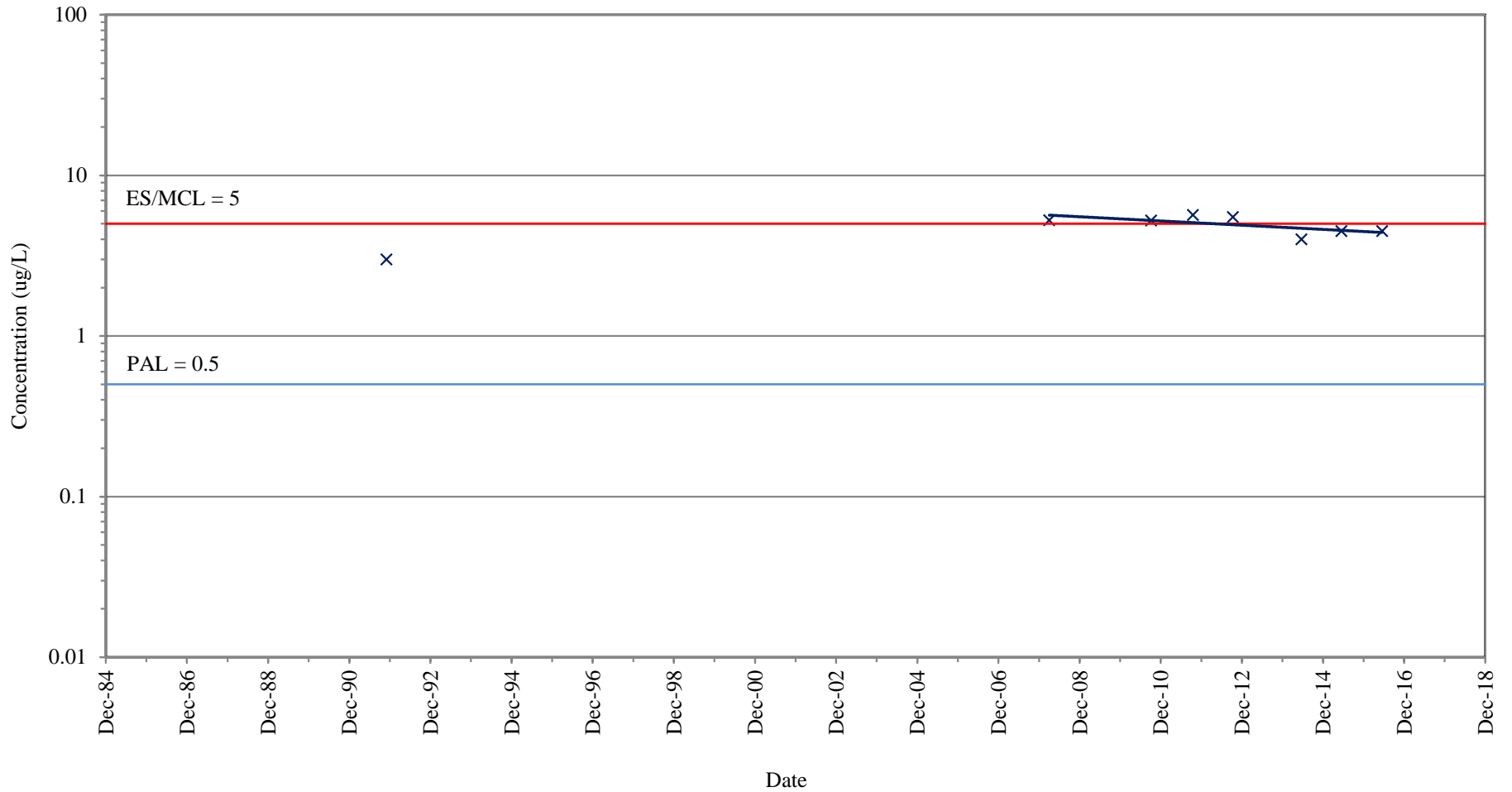
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-51A (GRID COORDINATE F6)

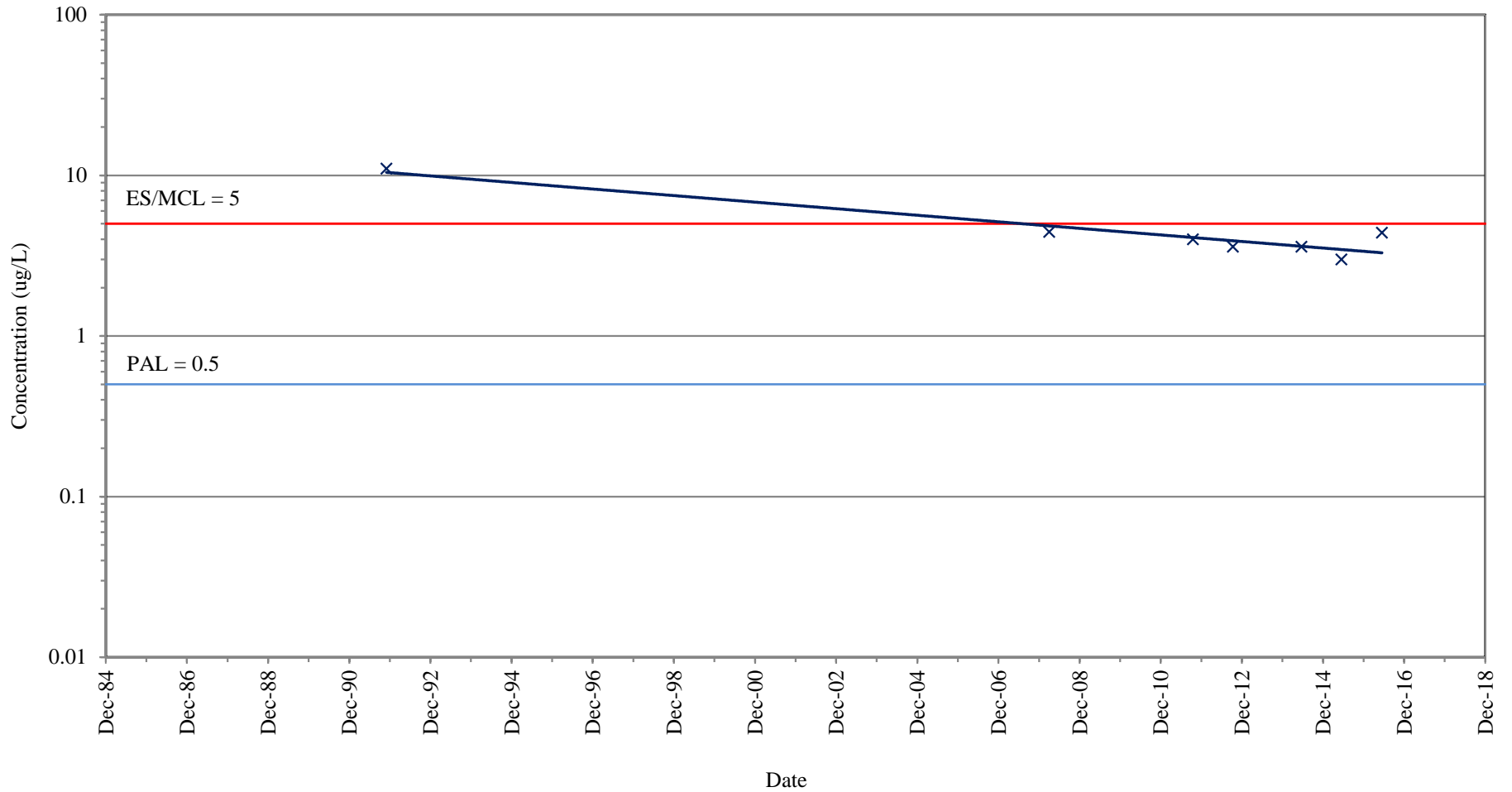
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: The best-fit exponential trend line generated using Excel evaluates a partial data set to focus on a "more representative" sample cluster.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-51B (GRID COORDINATE F6)

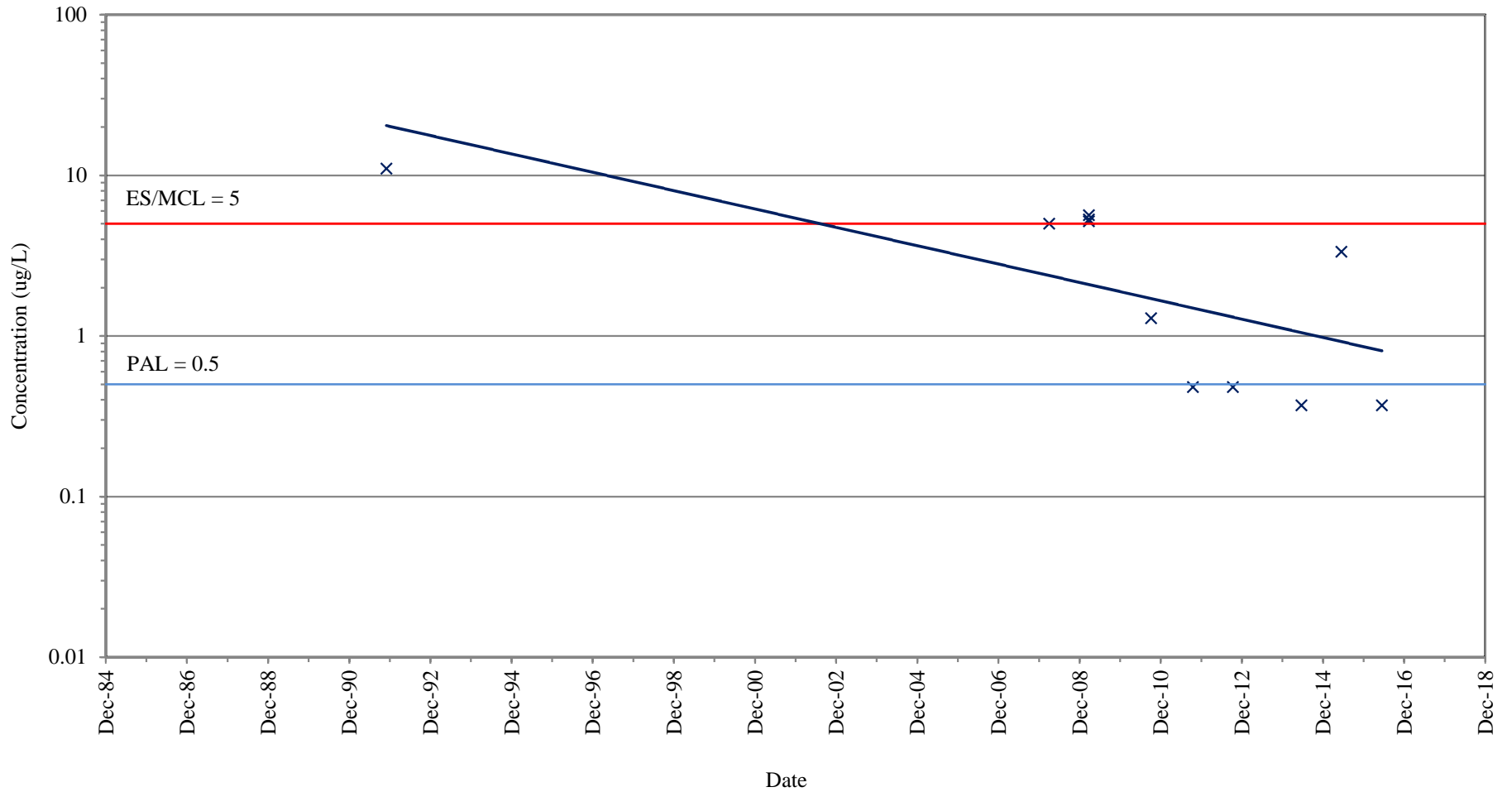
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-52A (GRID COORDINATE F6)

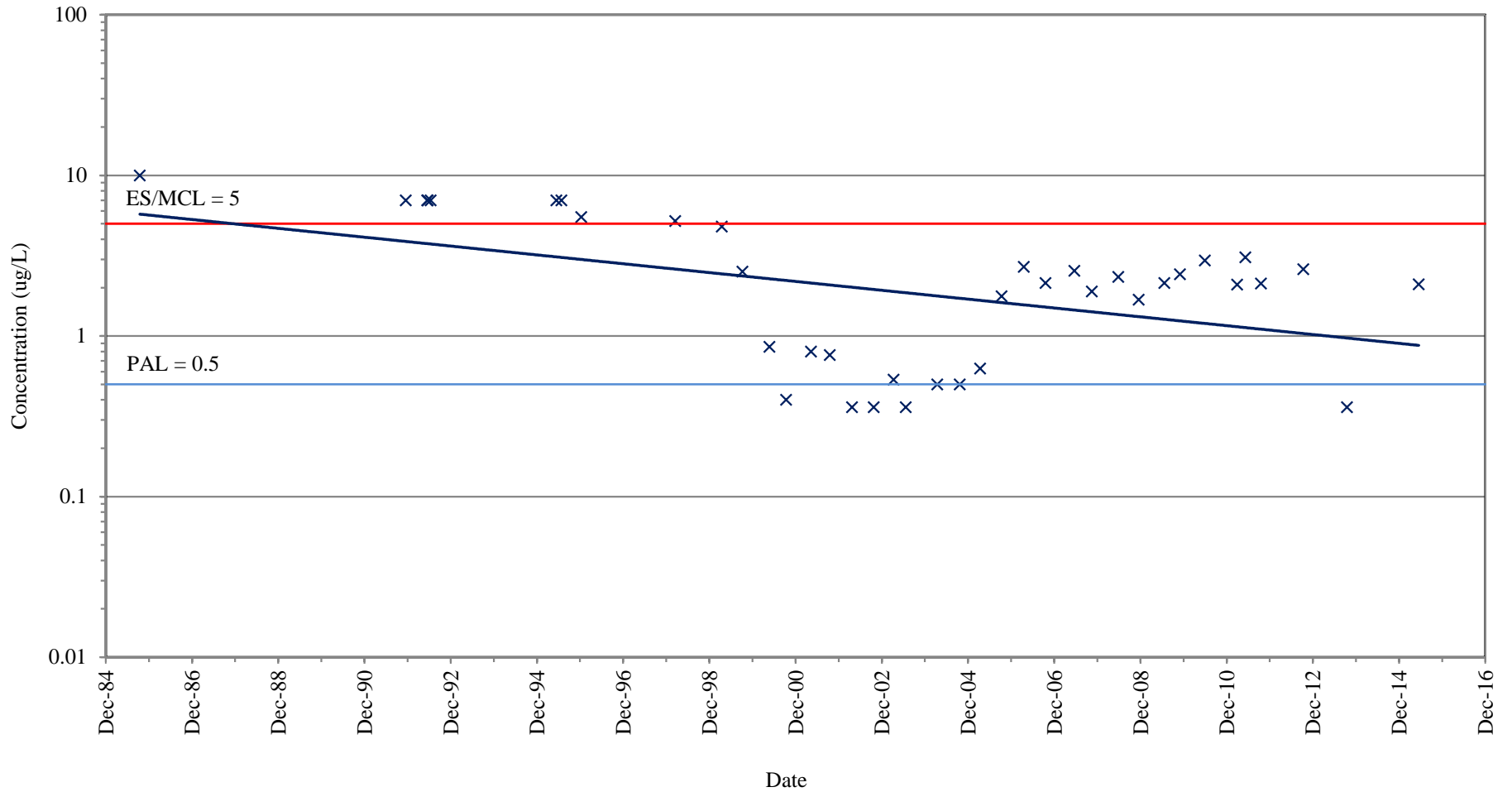
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-52B (GRID COORDINATE F6)

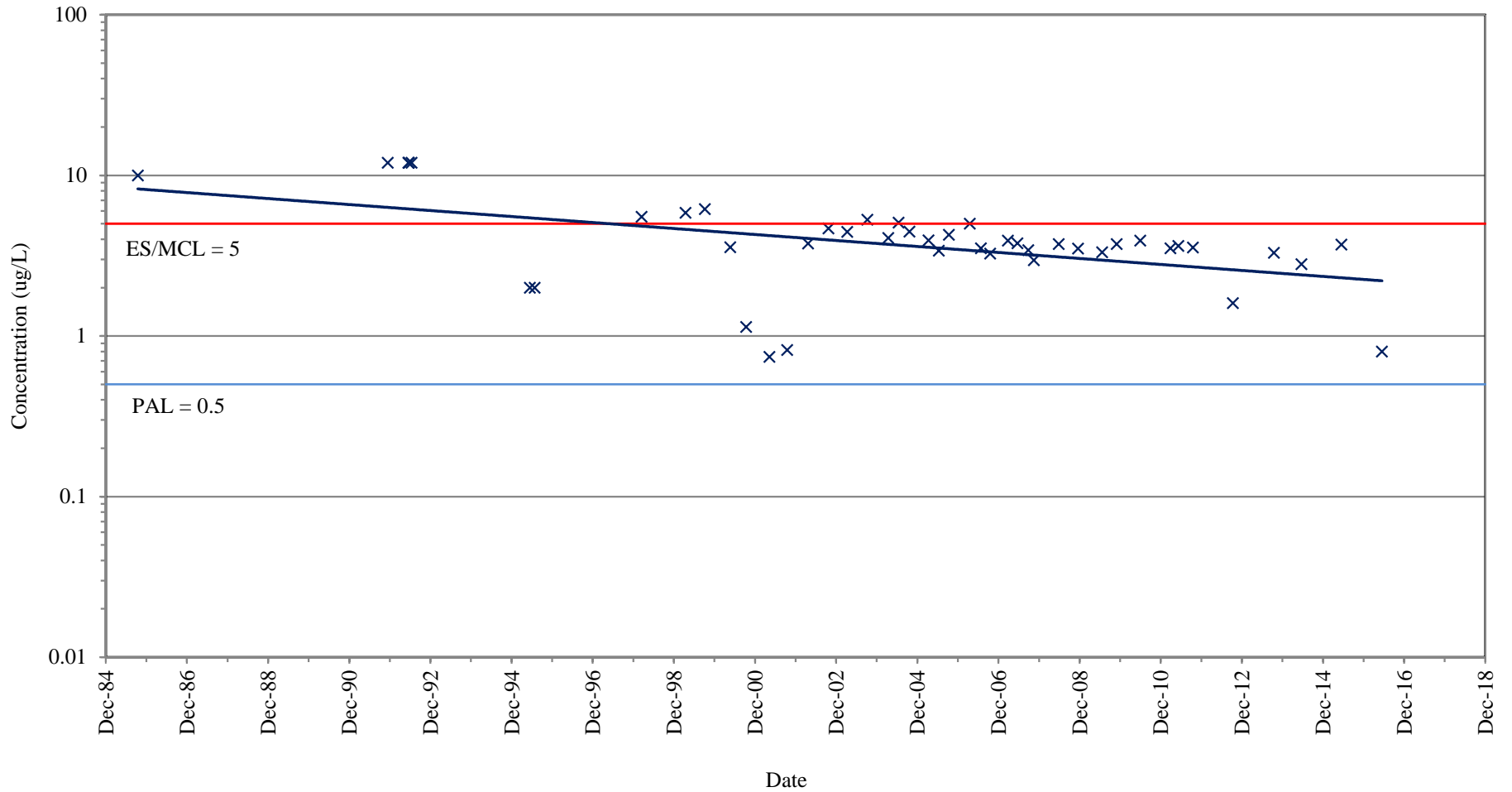
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-53A (GRID COORDINATE E6)

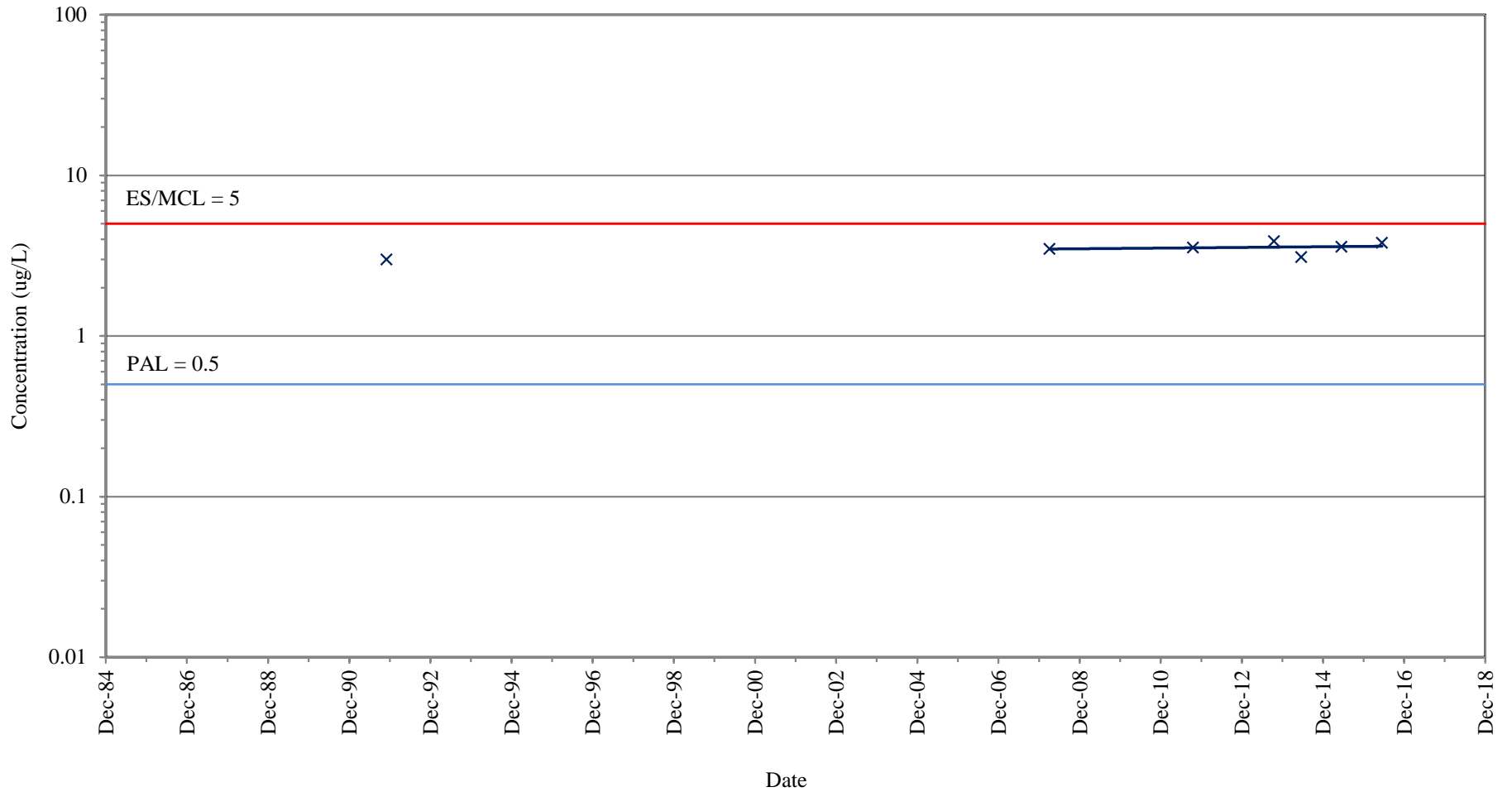
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-53B (GRID COORDINATE E6)

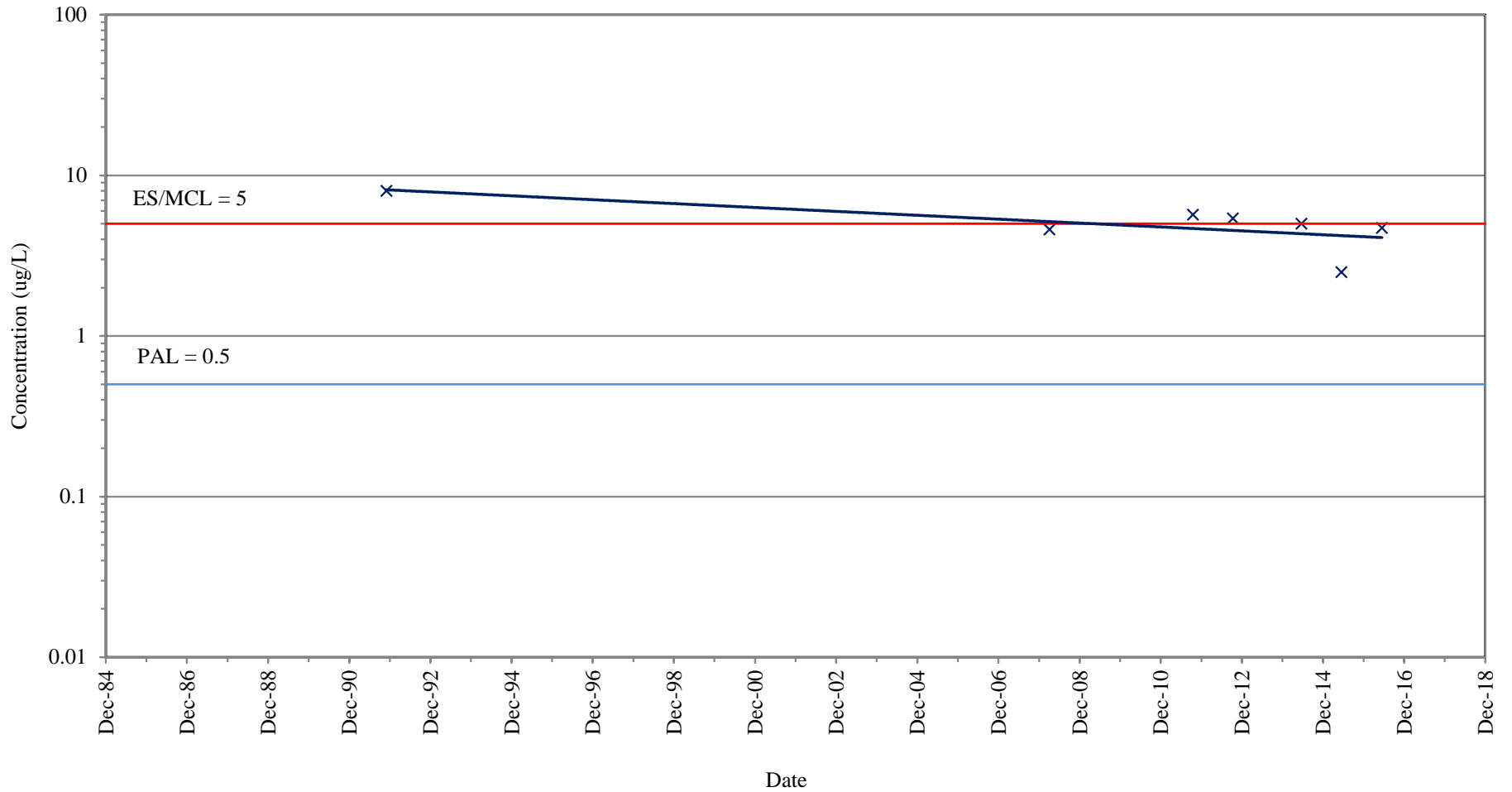
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: The best-fit exponential trend line generated using Excel evaluates a partial data set to focus on a "more representative" sample cluster.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-54B (GRID COORDINATE D6)

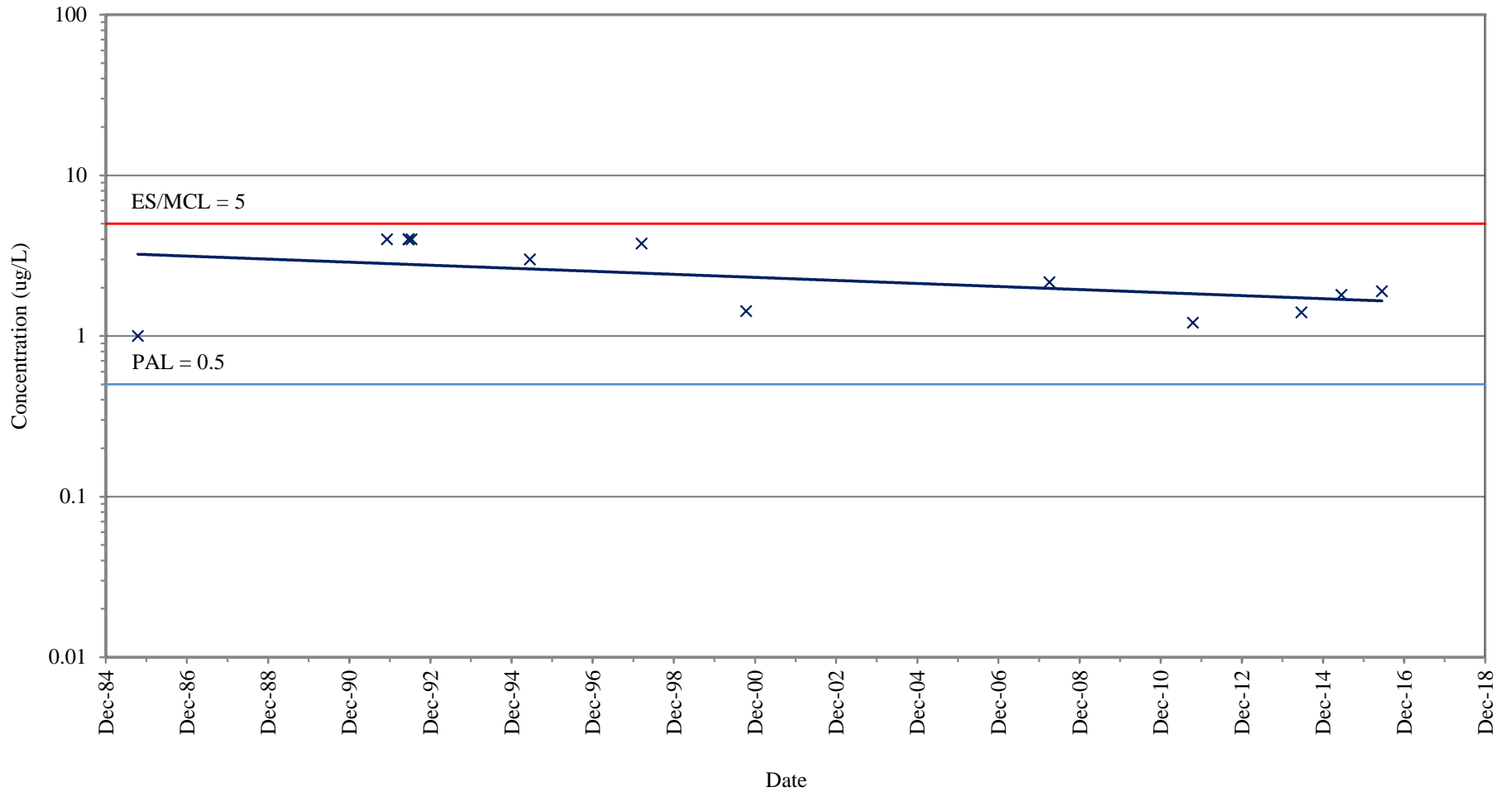
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-54C (GRID COORDINATE D6)

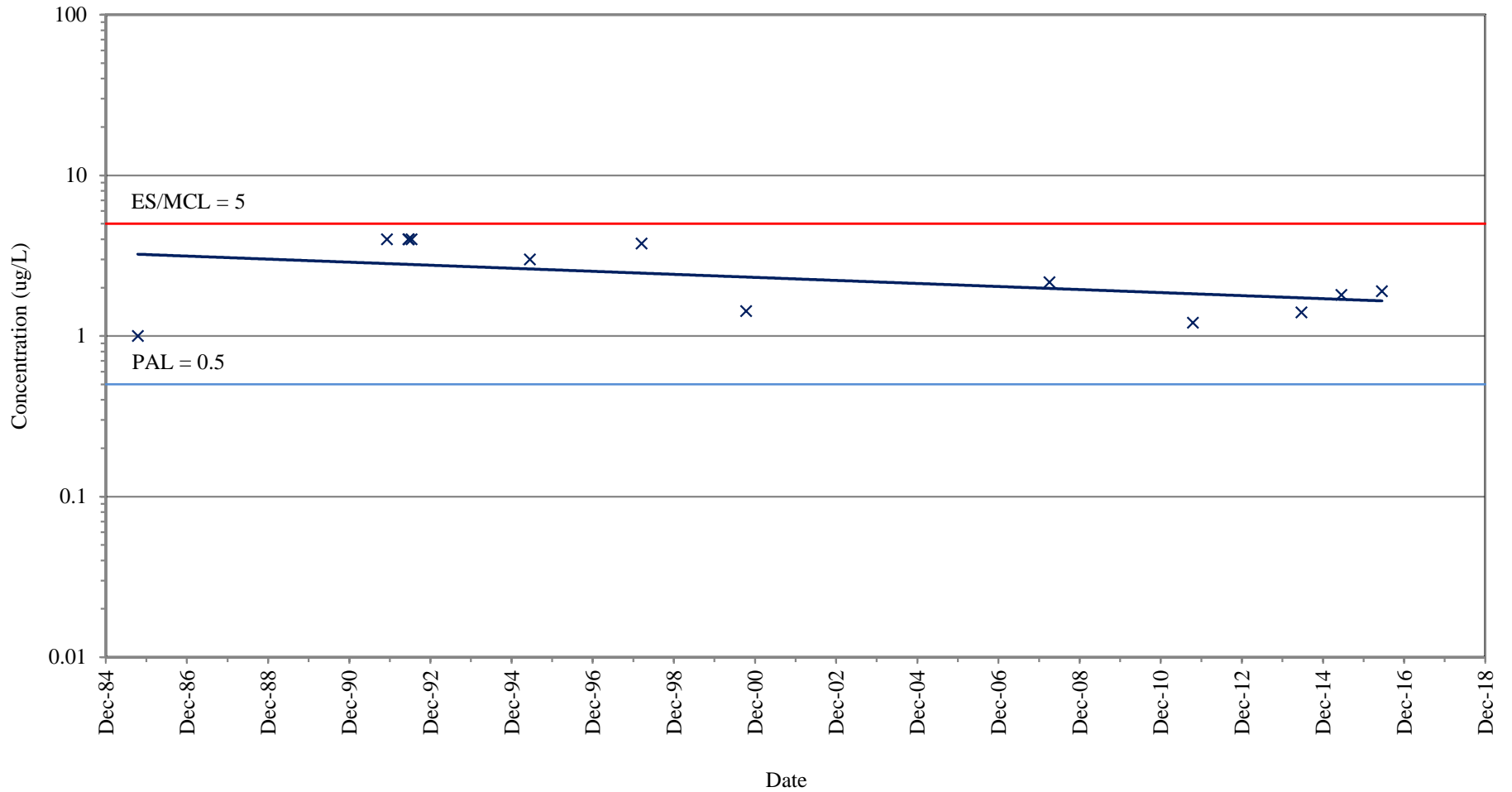
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-55B (GRID COORDINATE D6)

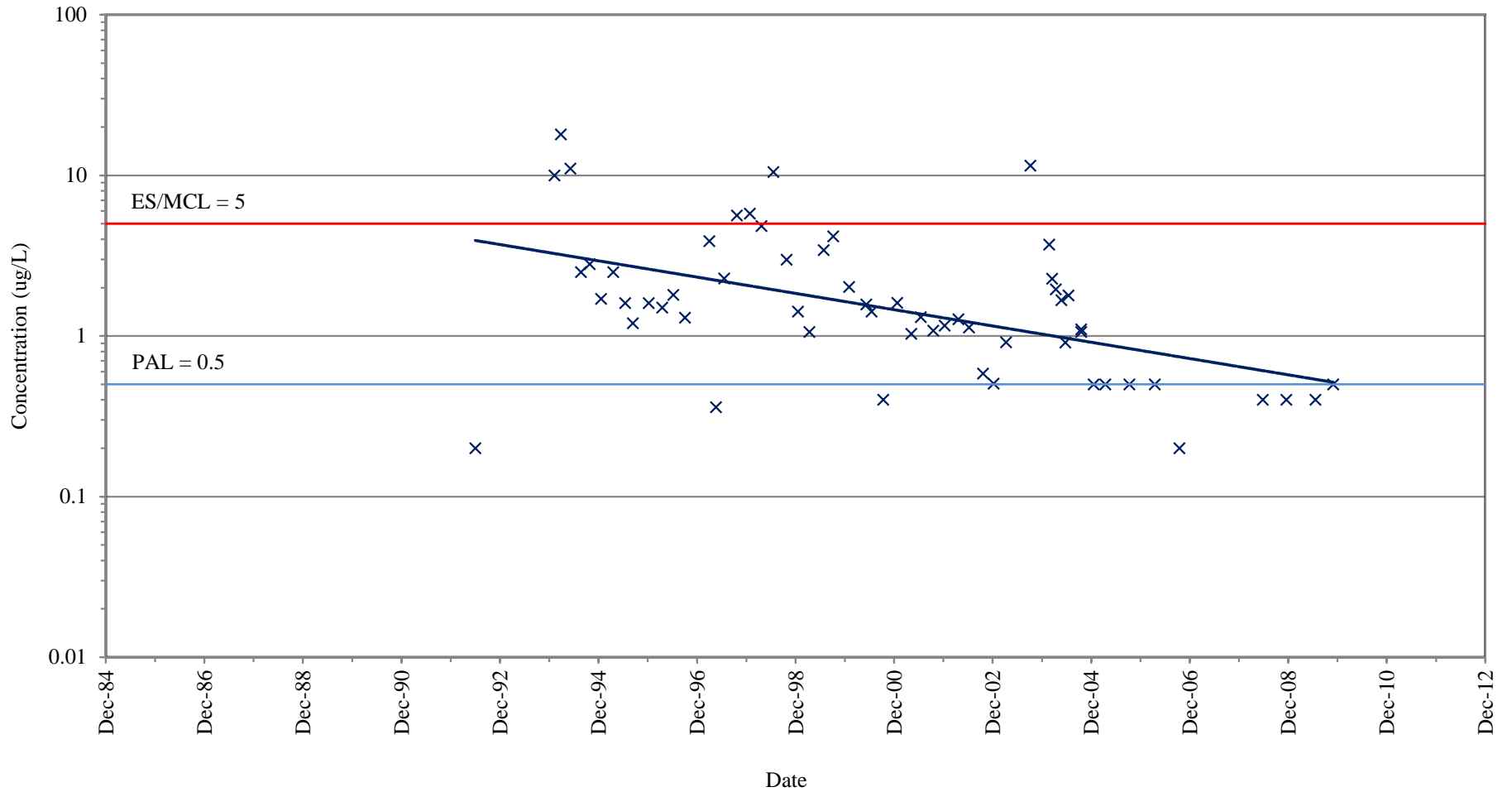
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-55C (GRID COORDINATE D6)

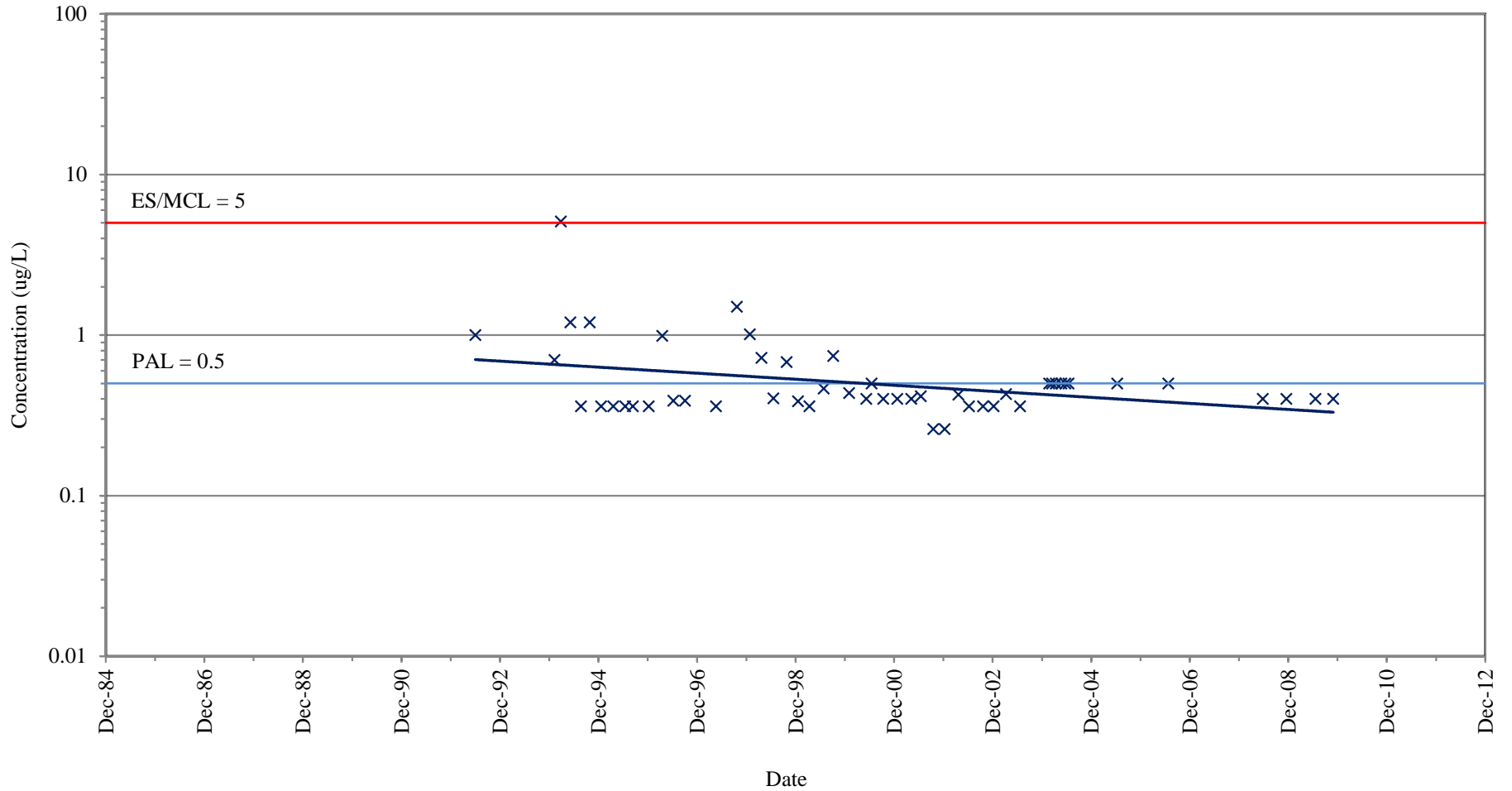
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-67A (GRID COORDINATE K7)

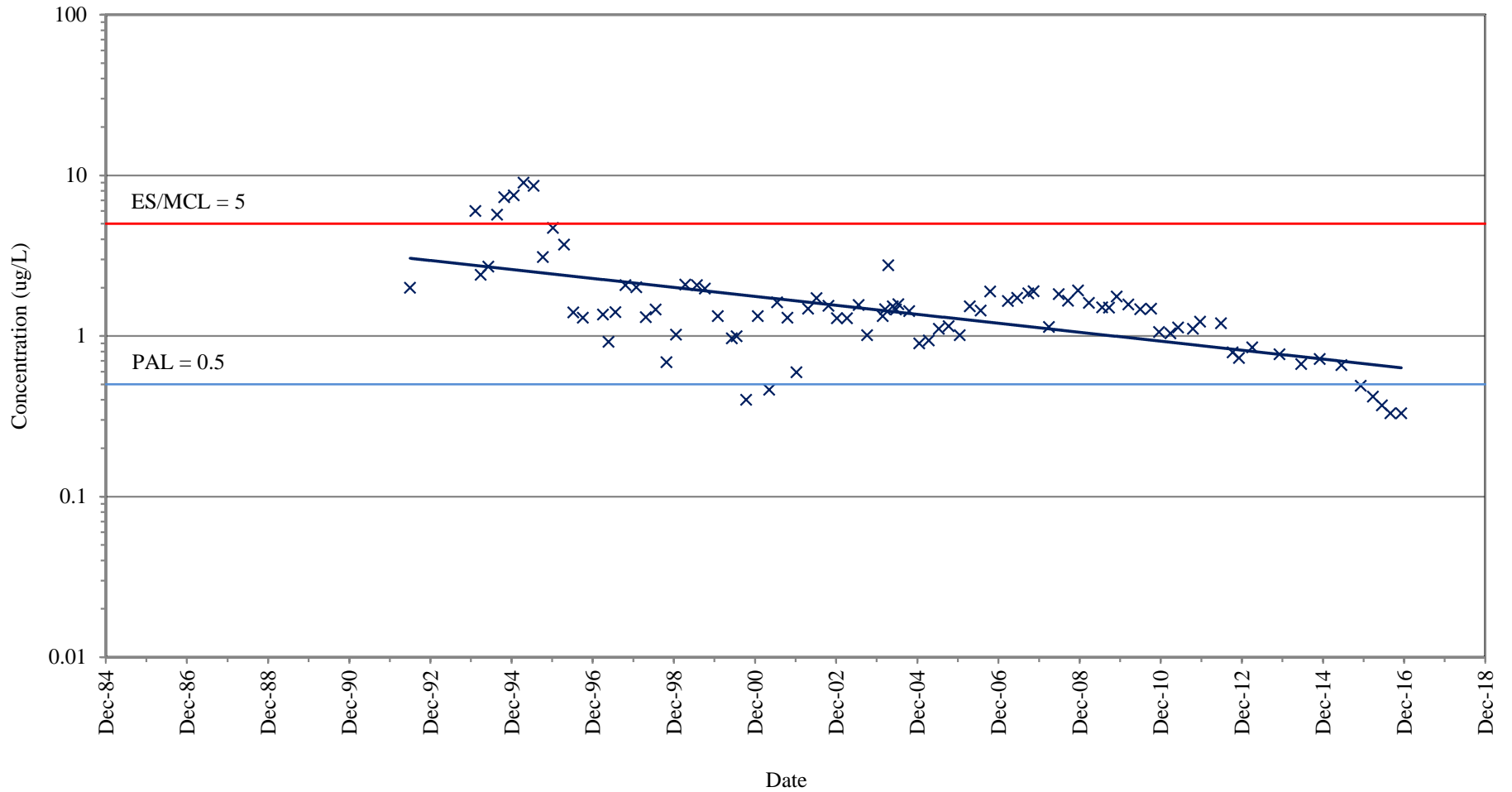
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-67B (GRID COORDINATE K7)

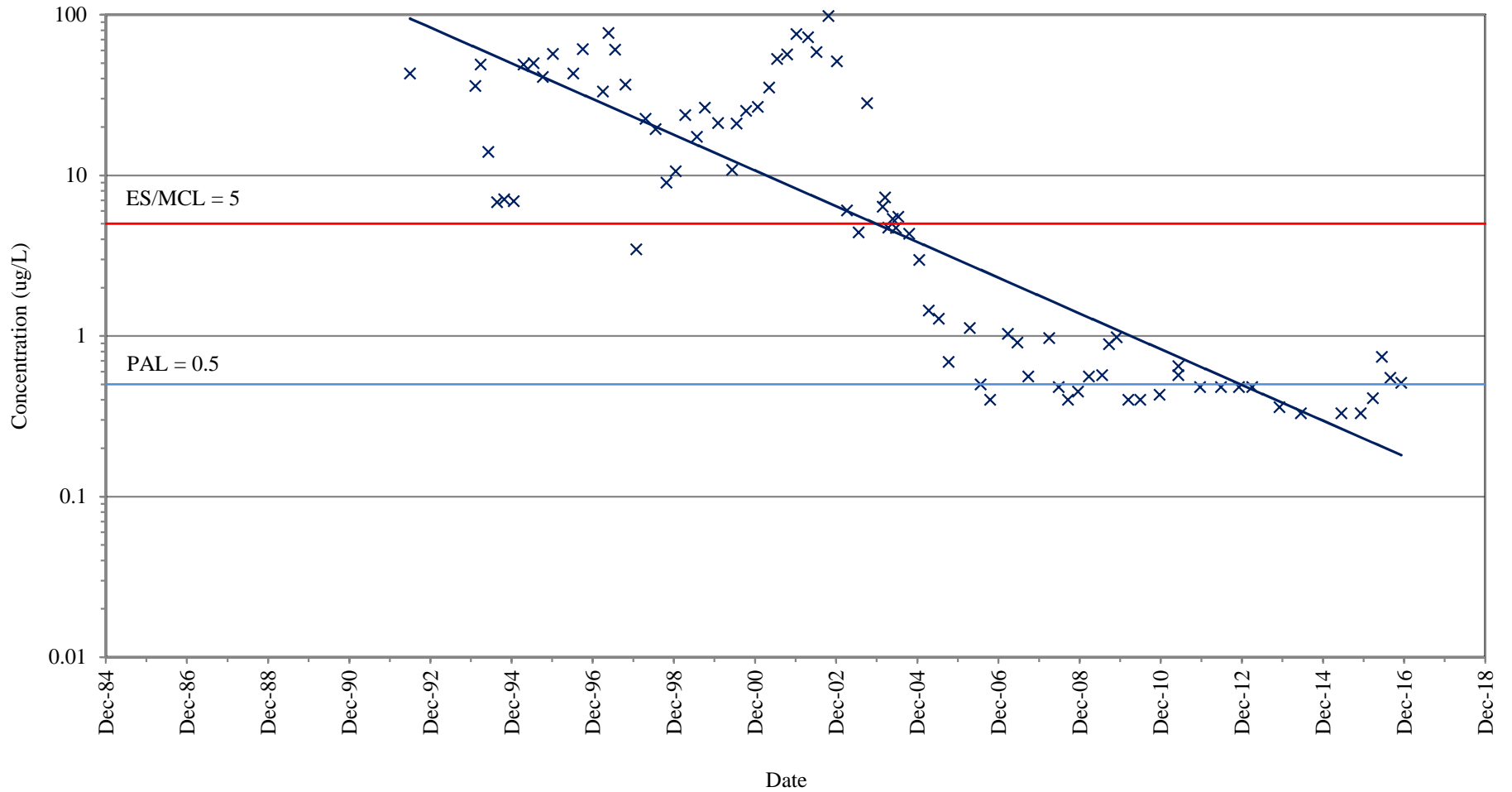
NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-68B (GRID COORDINATE J7)

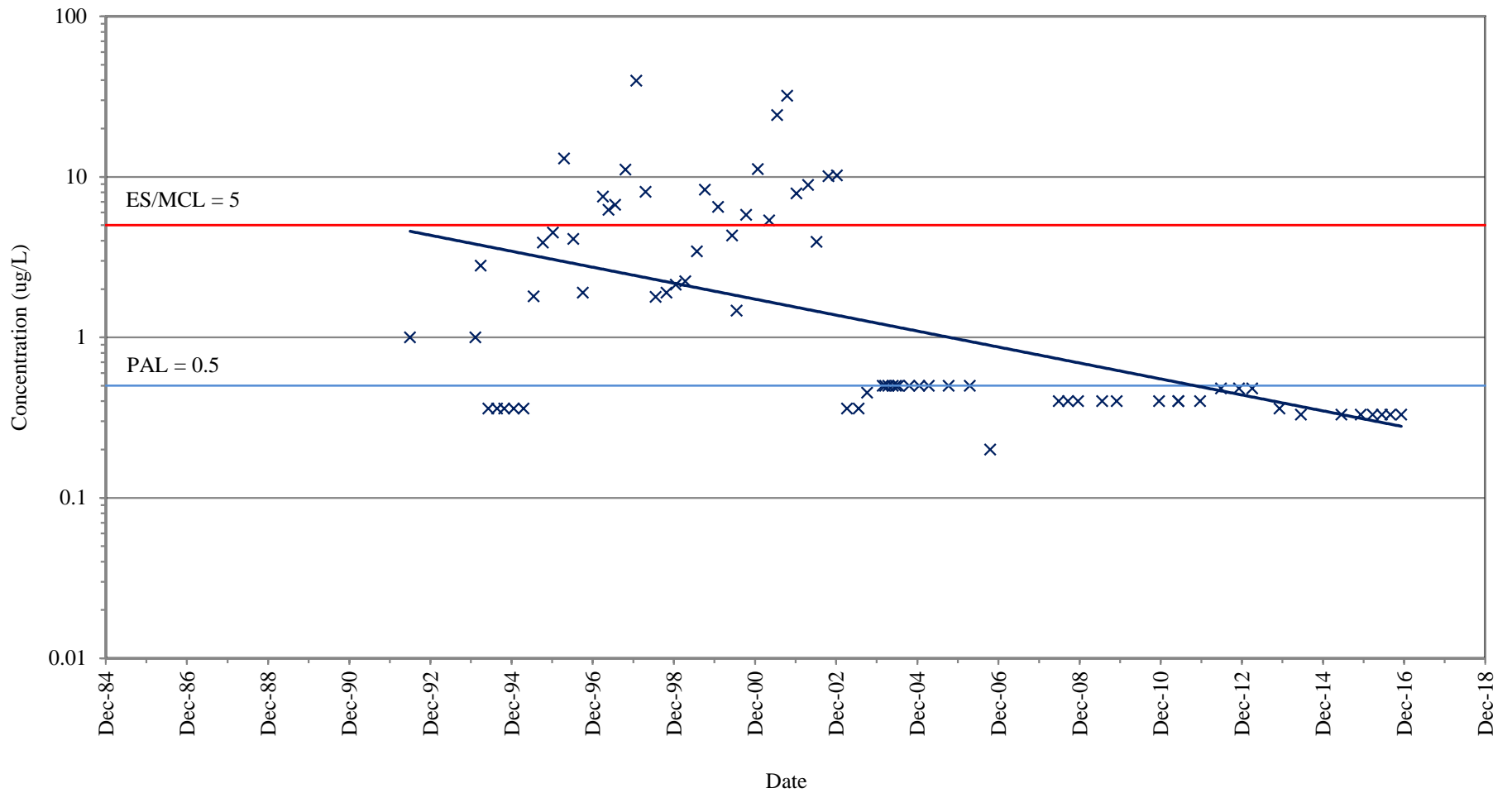
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-70A (GRID COORDINATE K8)

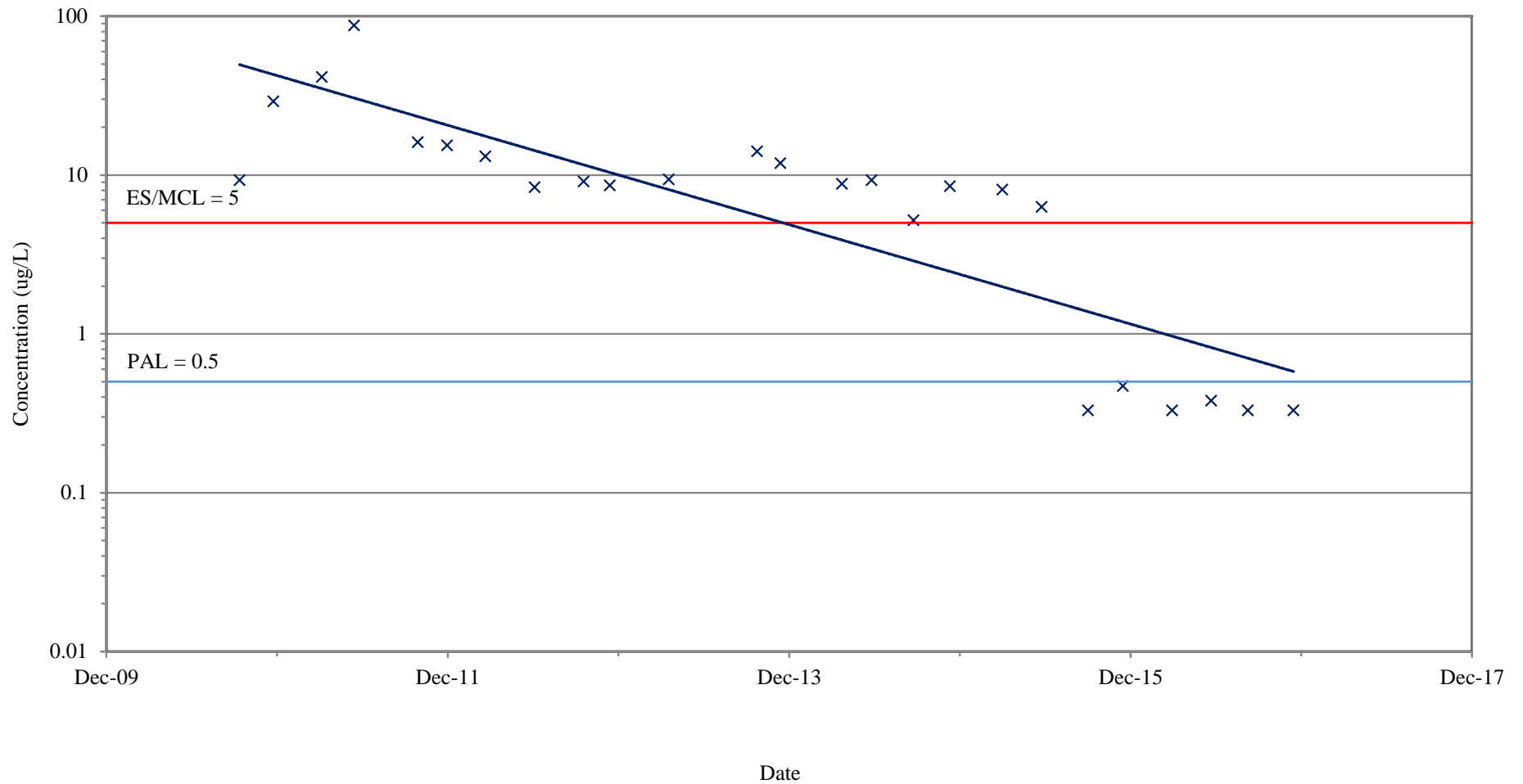
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-70B (GRID COORDINATE K8)

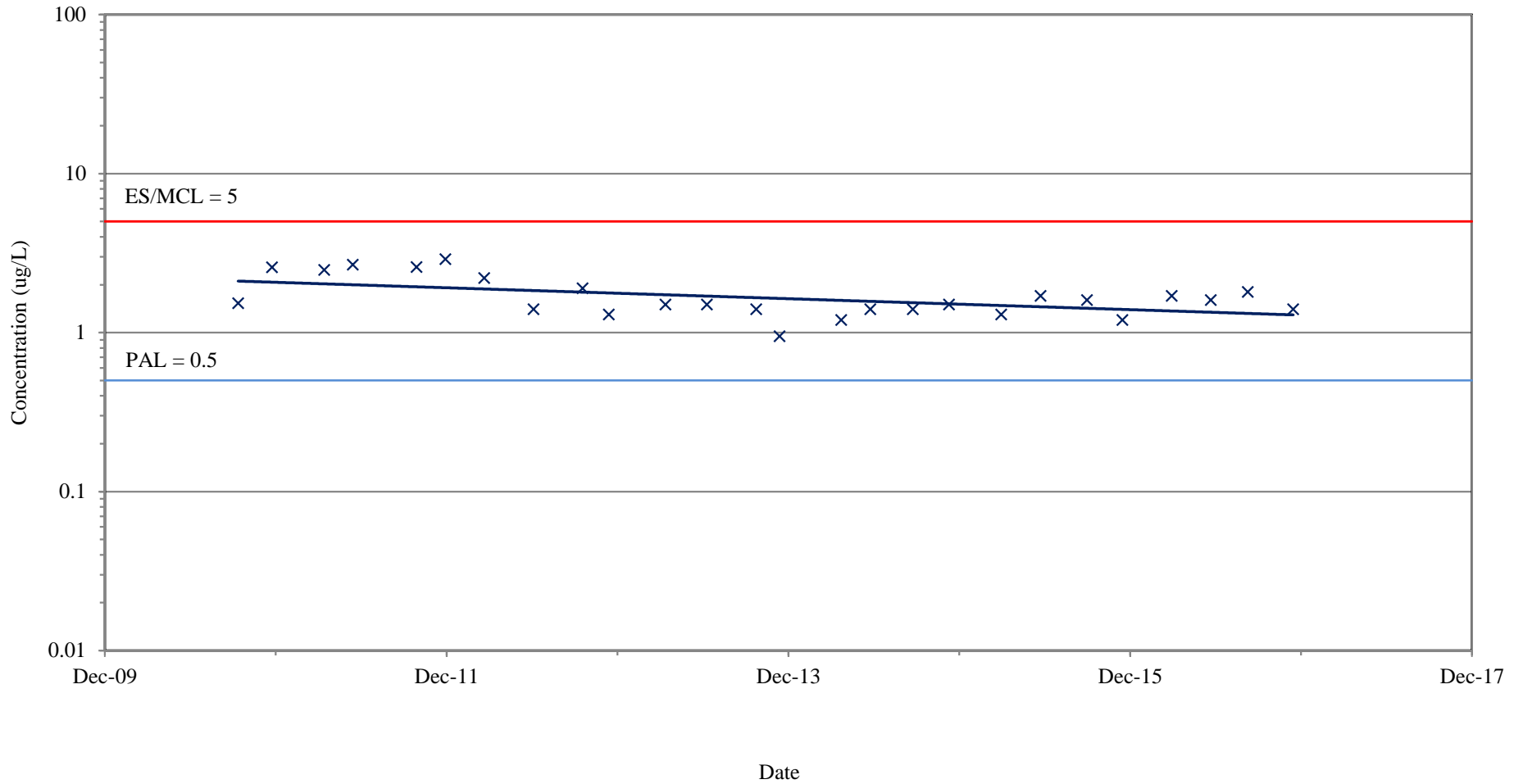
NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-76A (GRID COORDINATE K7)

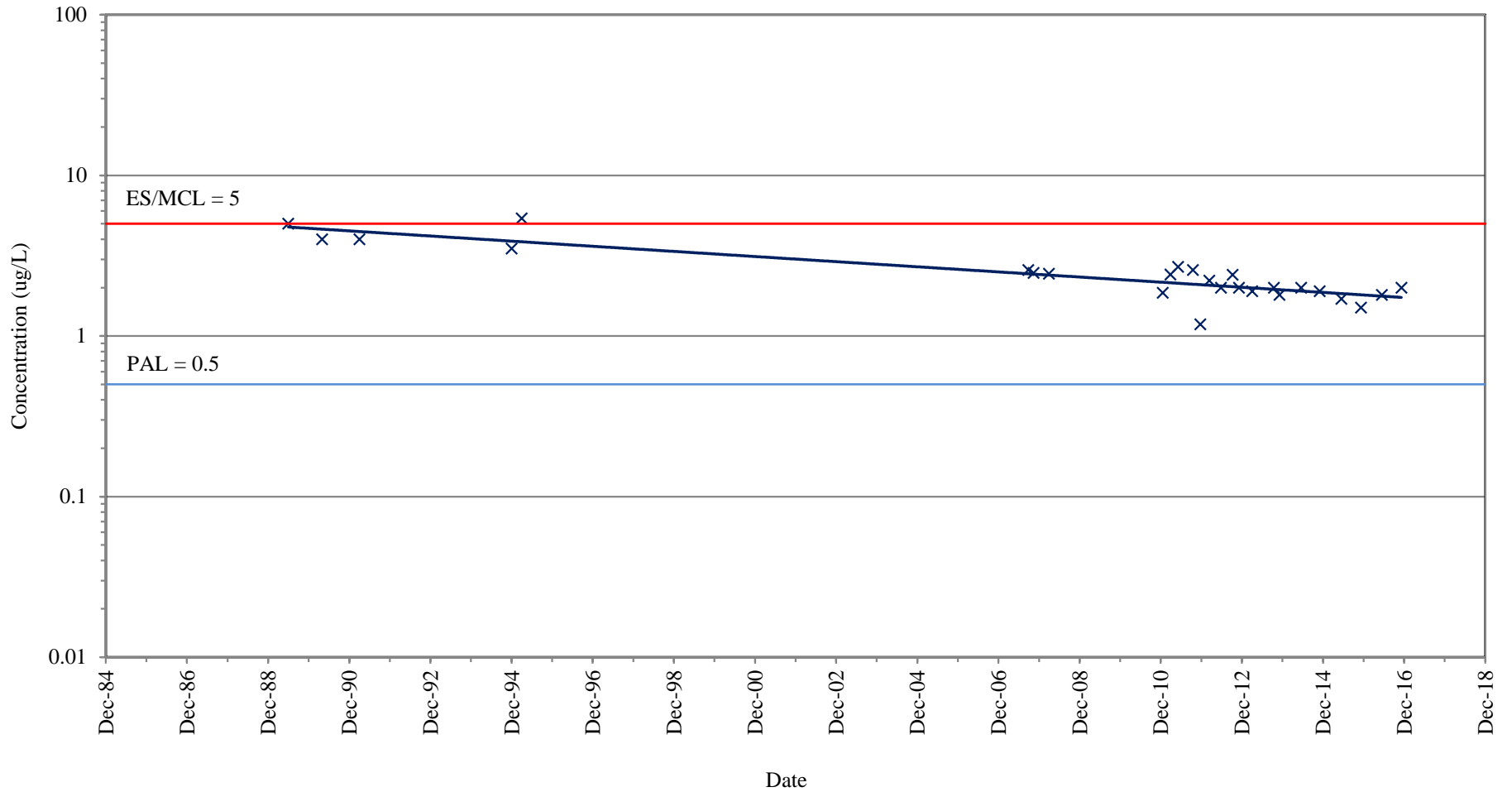
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-77B (GRID COORDINATE K7)

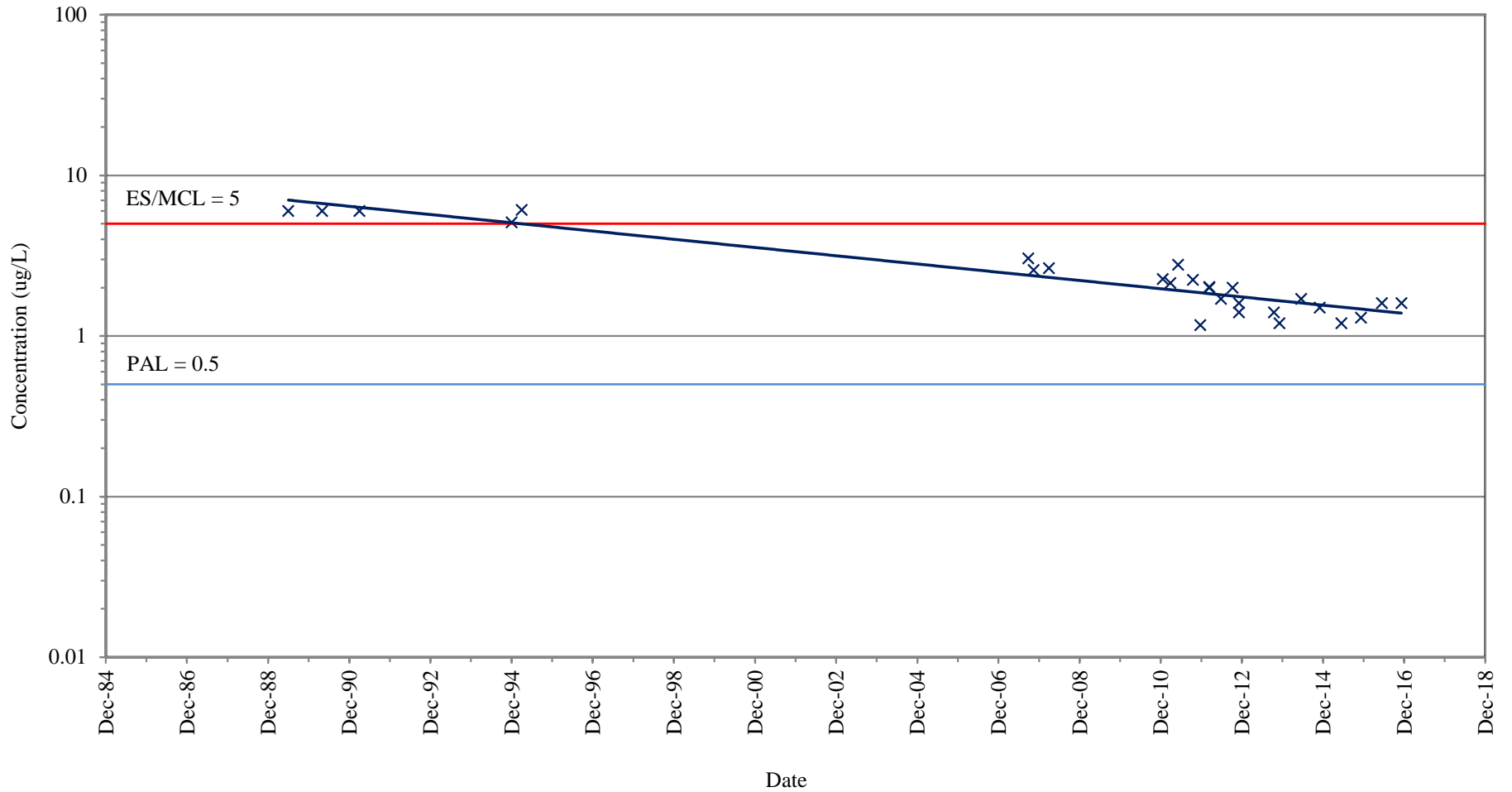
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-2B (GRID COORDINATE J7)

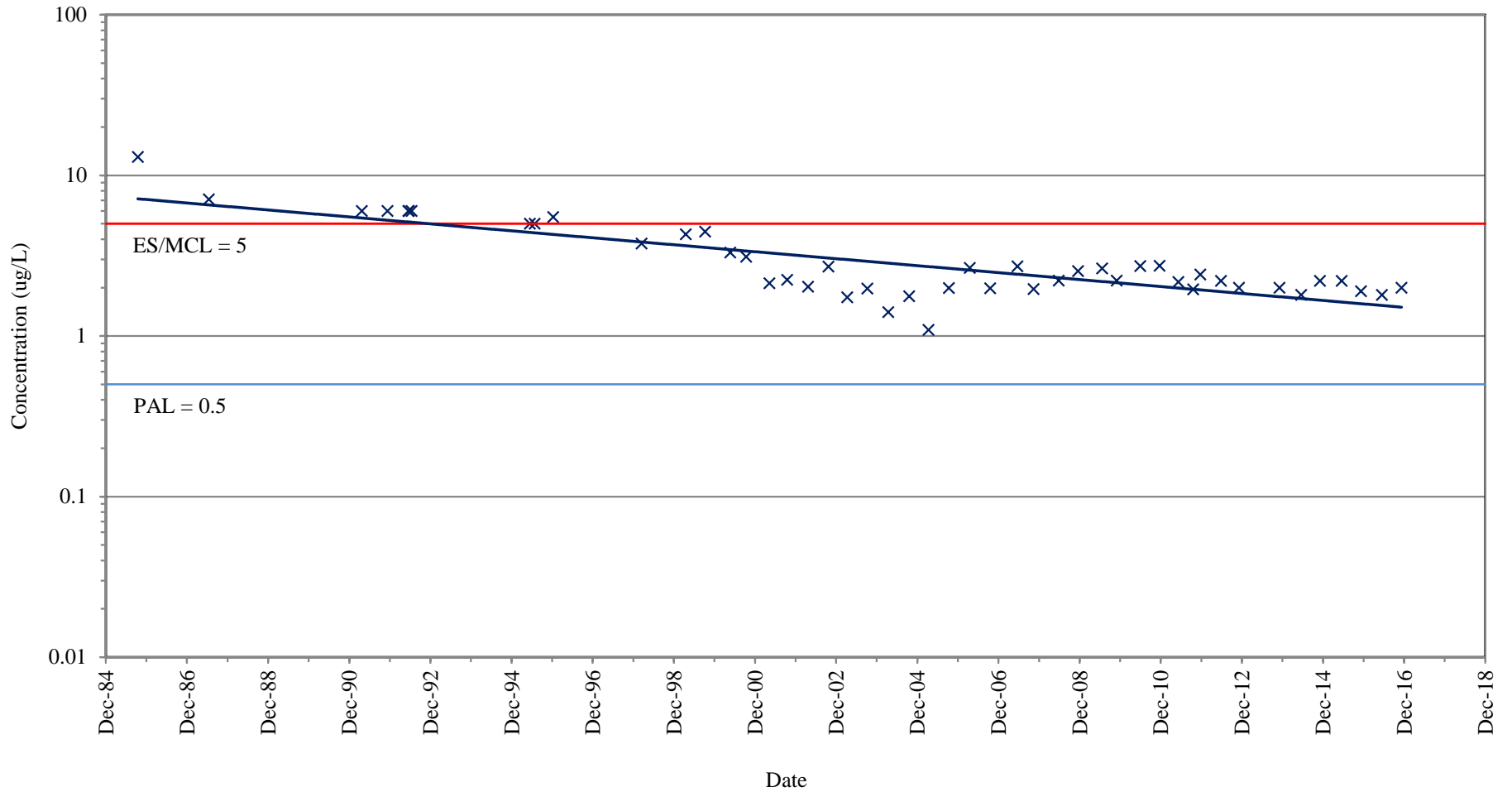
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-2C (GRID COORDINATE J7)

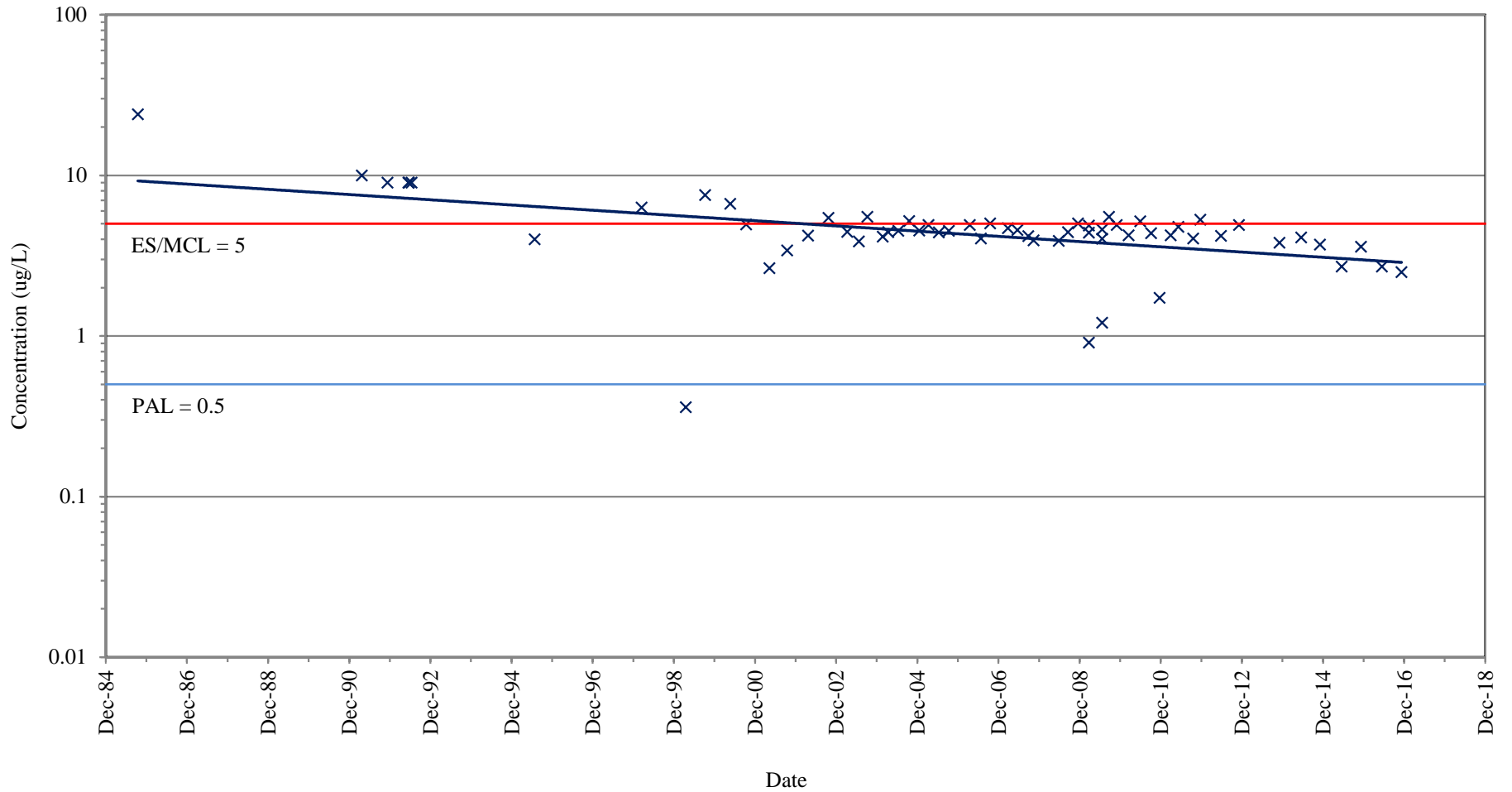
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-3A (GRID COORDINATE C6)

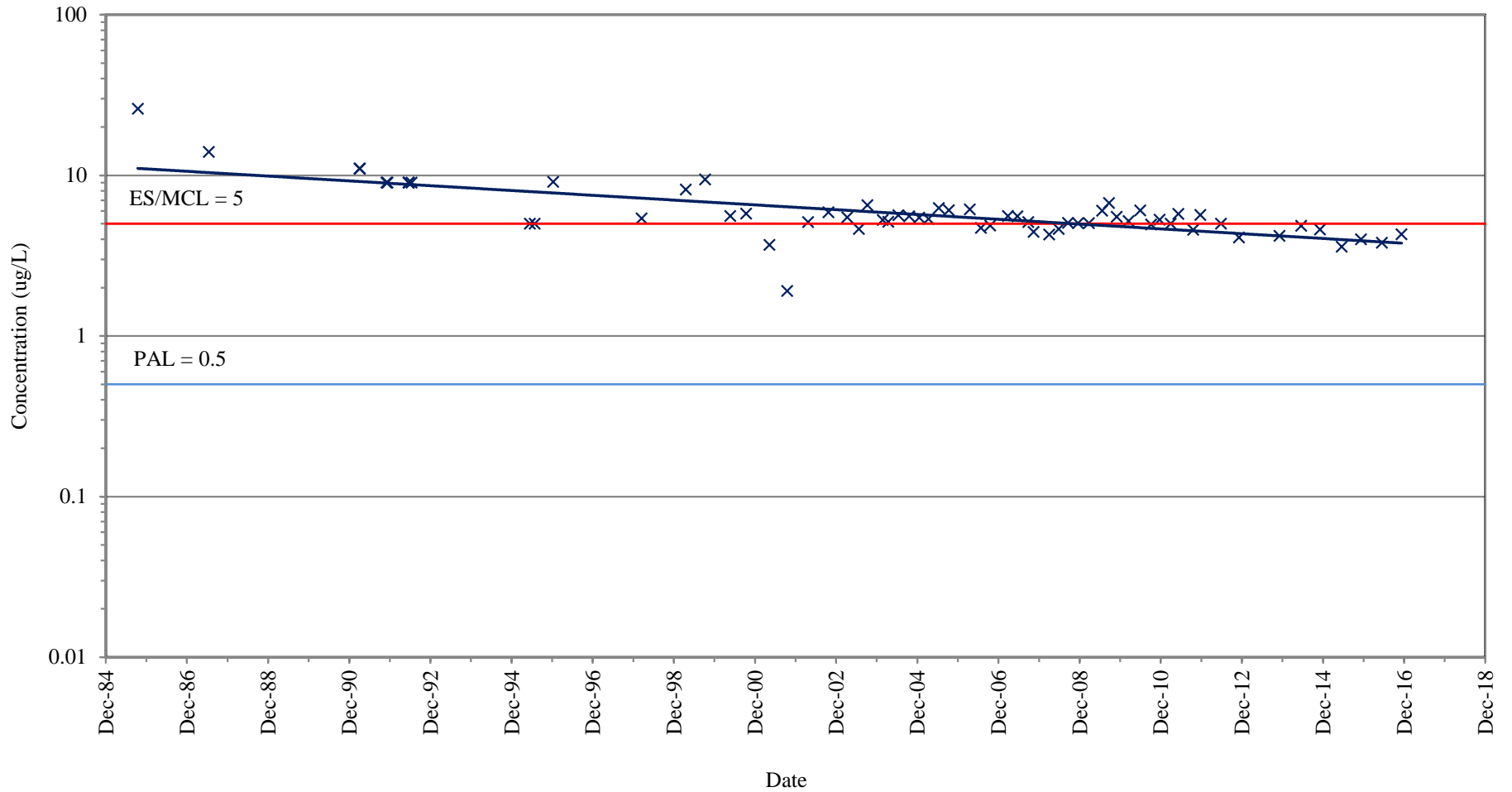
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-3B (GRID COORDINATE C6)

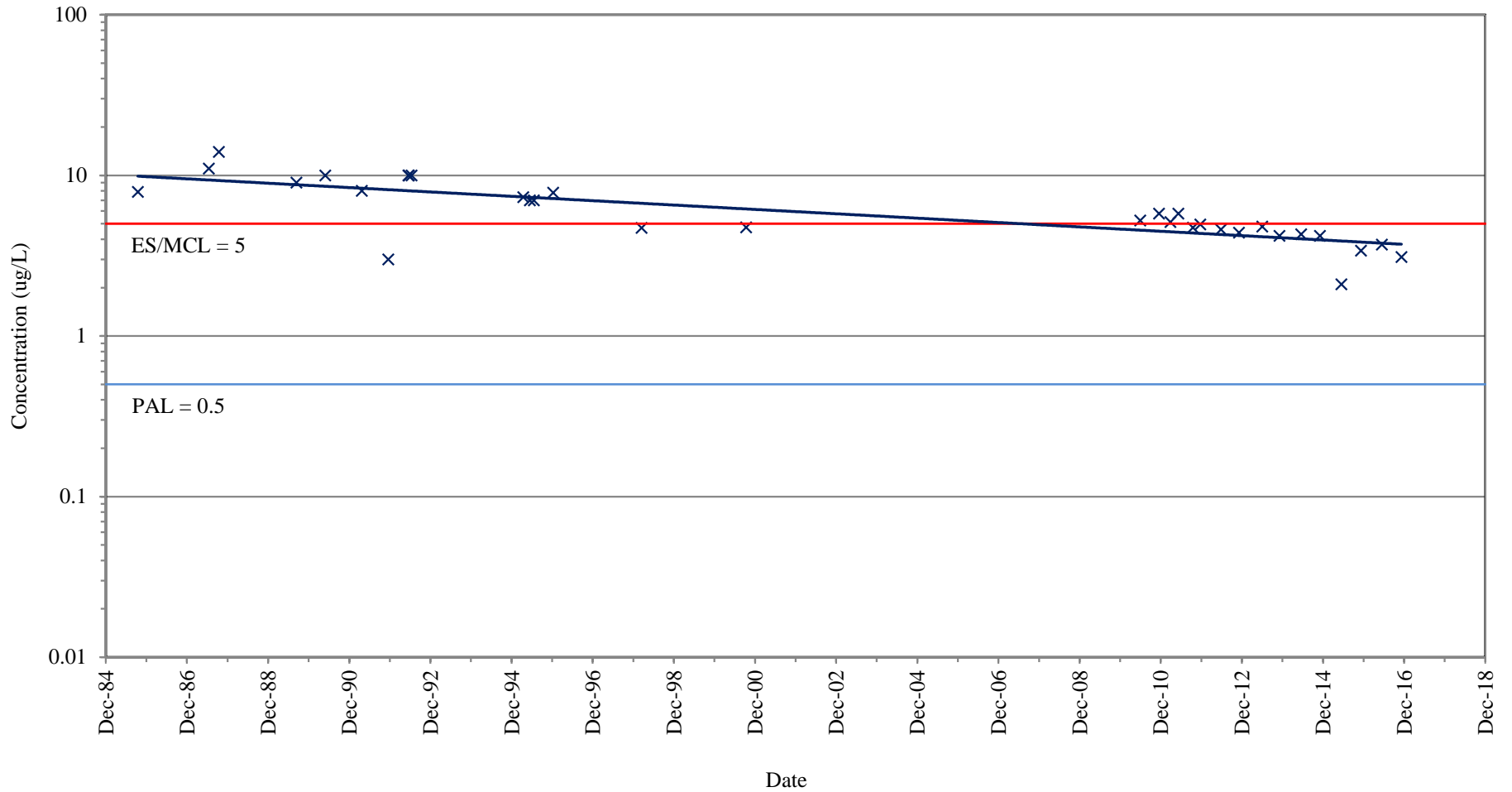
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-3C (GRID COORDINATE C6)

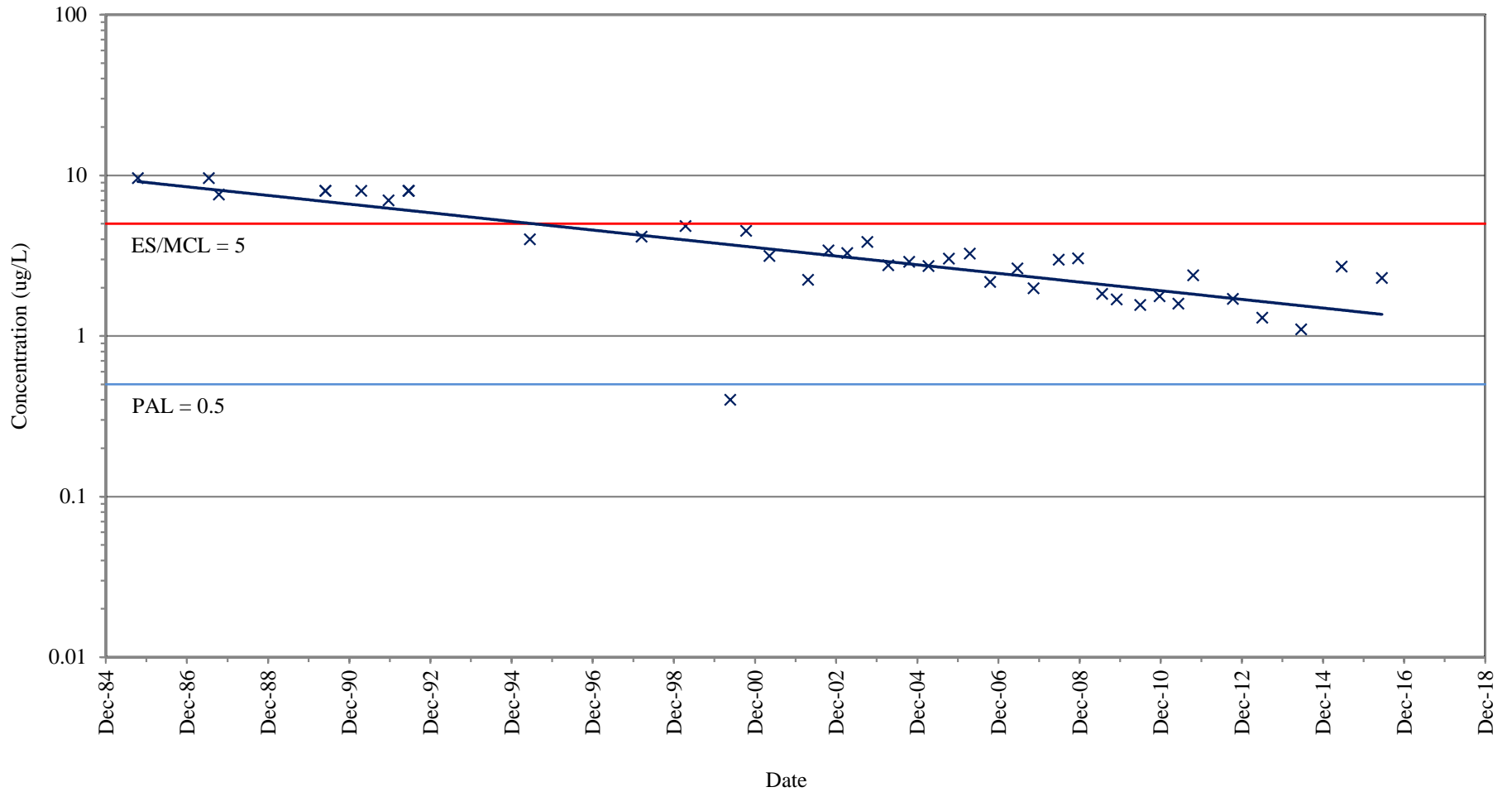
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-15 (GRID COORDINATE J7)

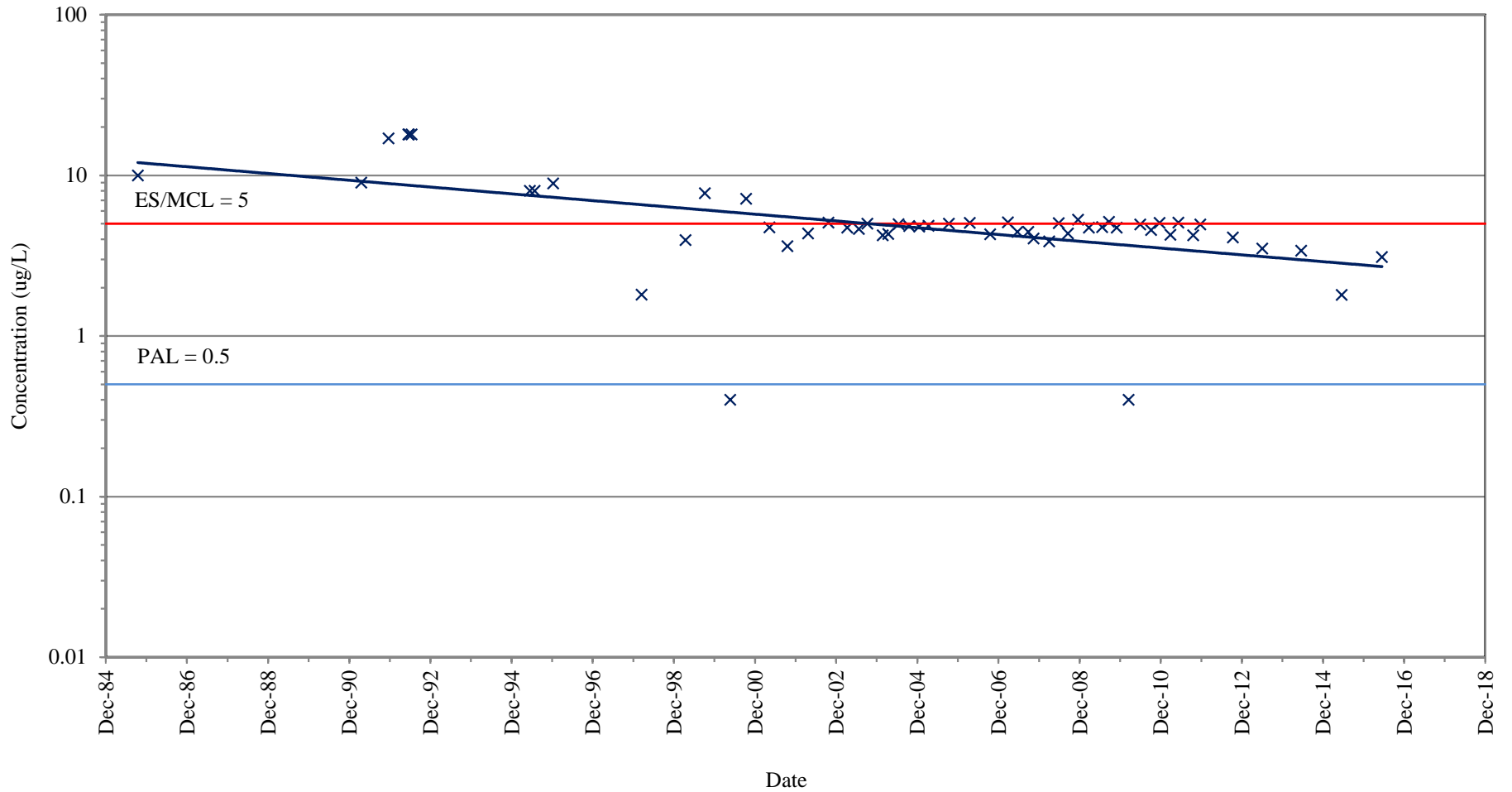
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-16 (GRID COORDINATE G7)

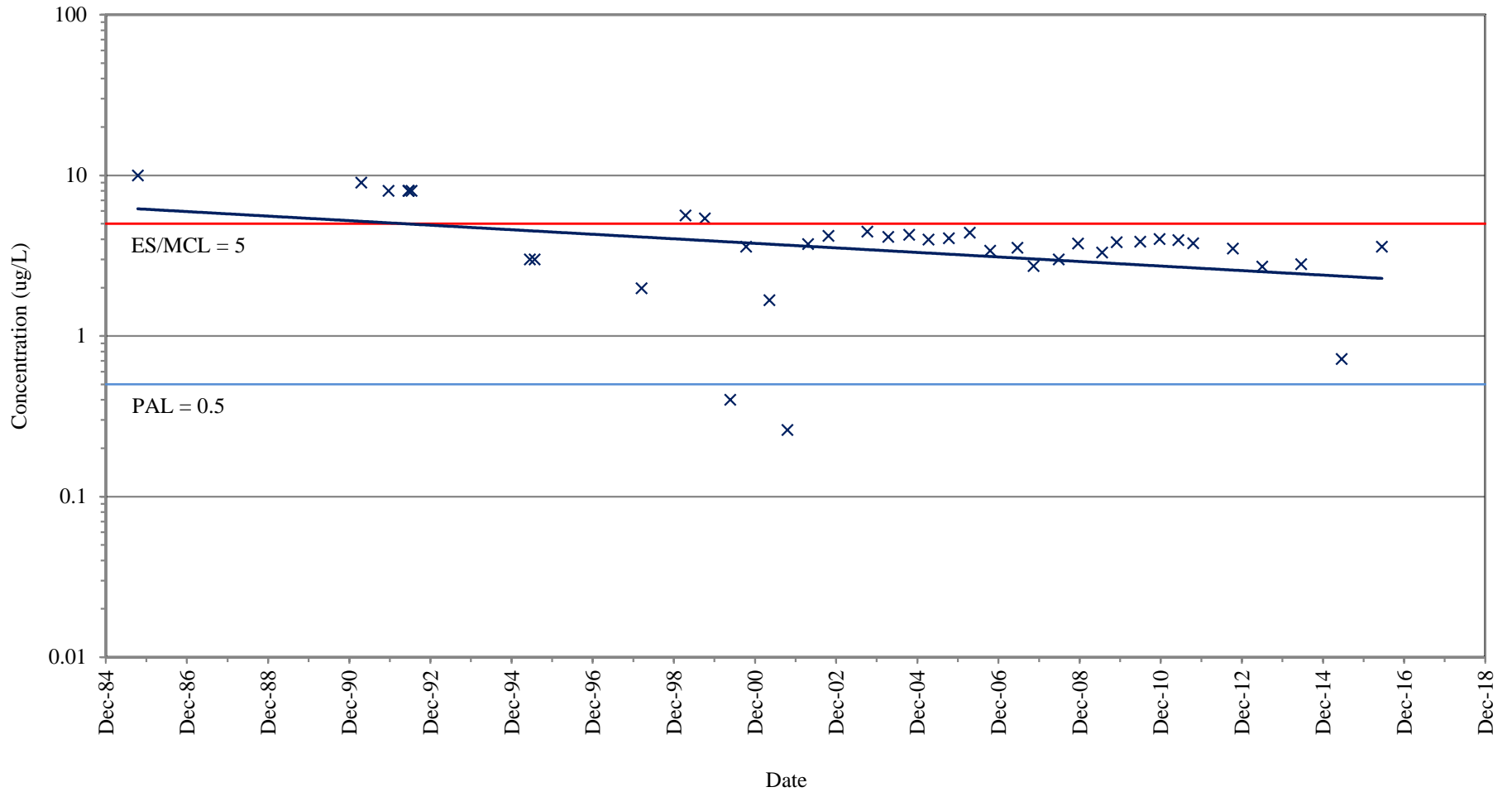
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-16B (GRID COORDINATE G7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



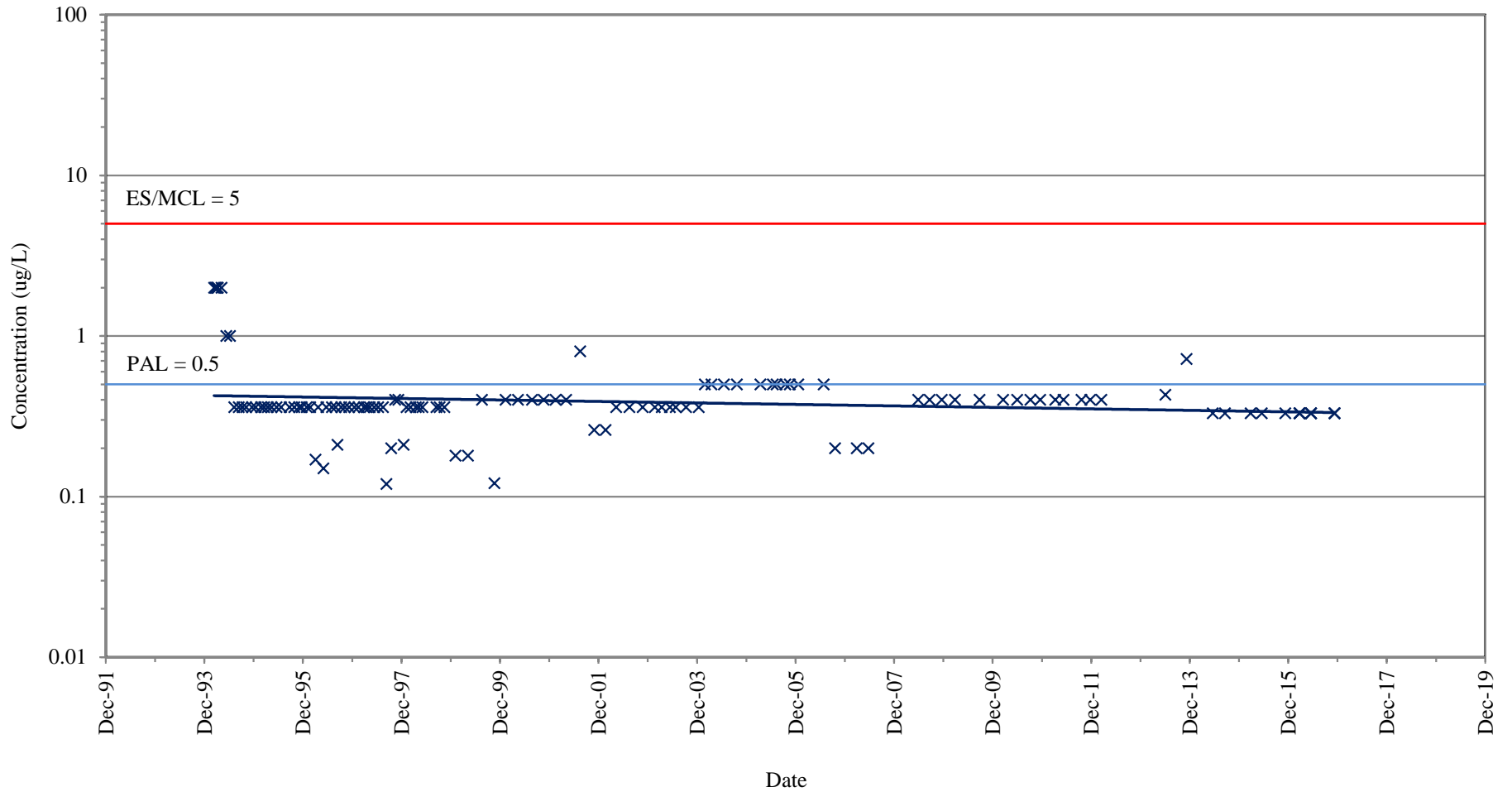
Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-16C (GRID COORDINATE G7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN

APPENDIX C

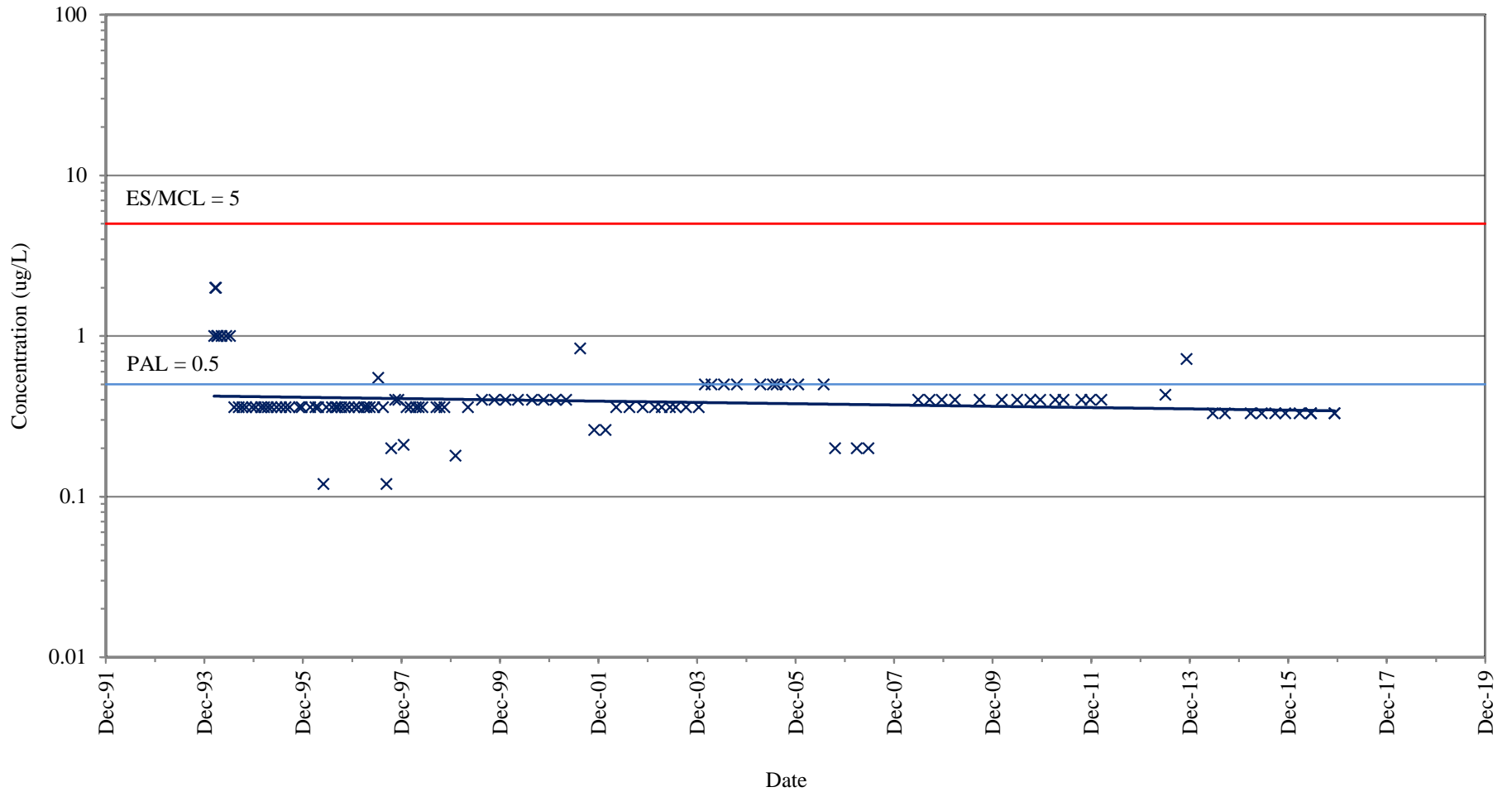
TCE CONCENTRATION VERSUS TIME GRAPHS
FORMER PLUME 3/4 (MELBY ROAD DISPOSAL SITE)



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
EW-1/1R (GRID COORDINATE L6)

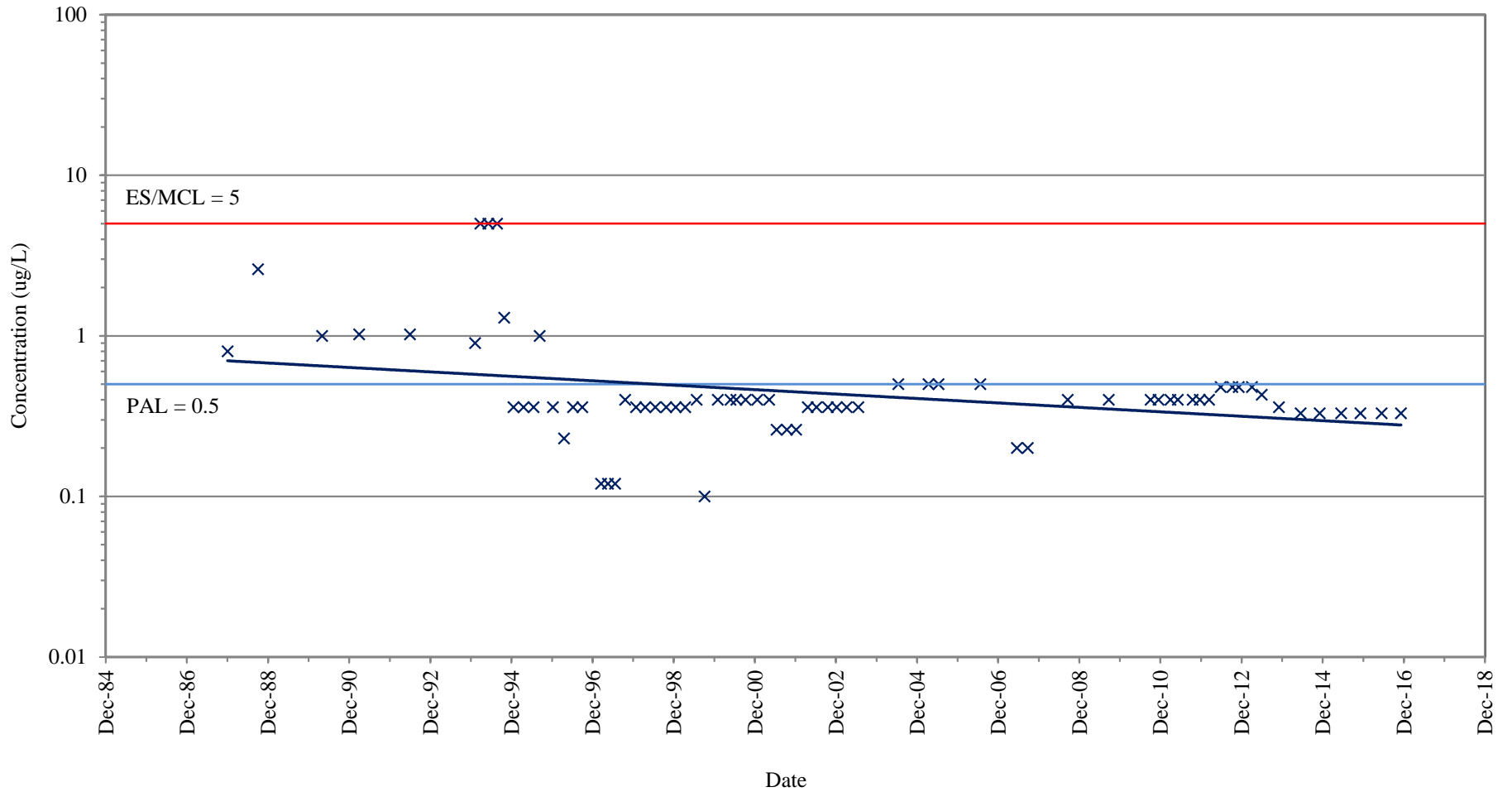
NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
EW-2 (GRID COORDINATE L6)

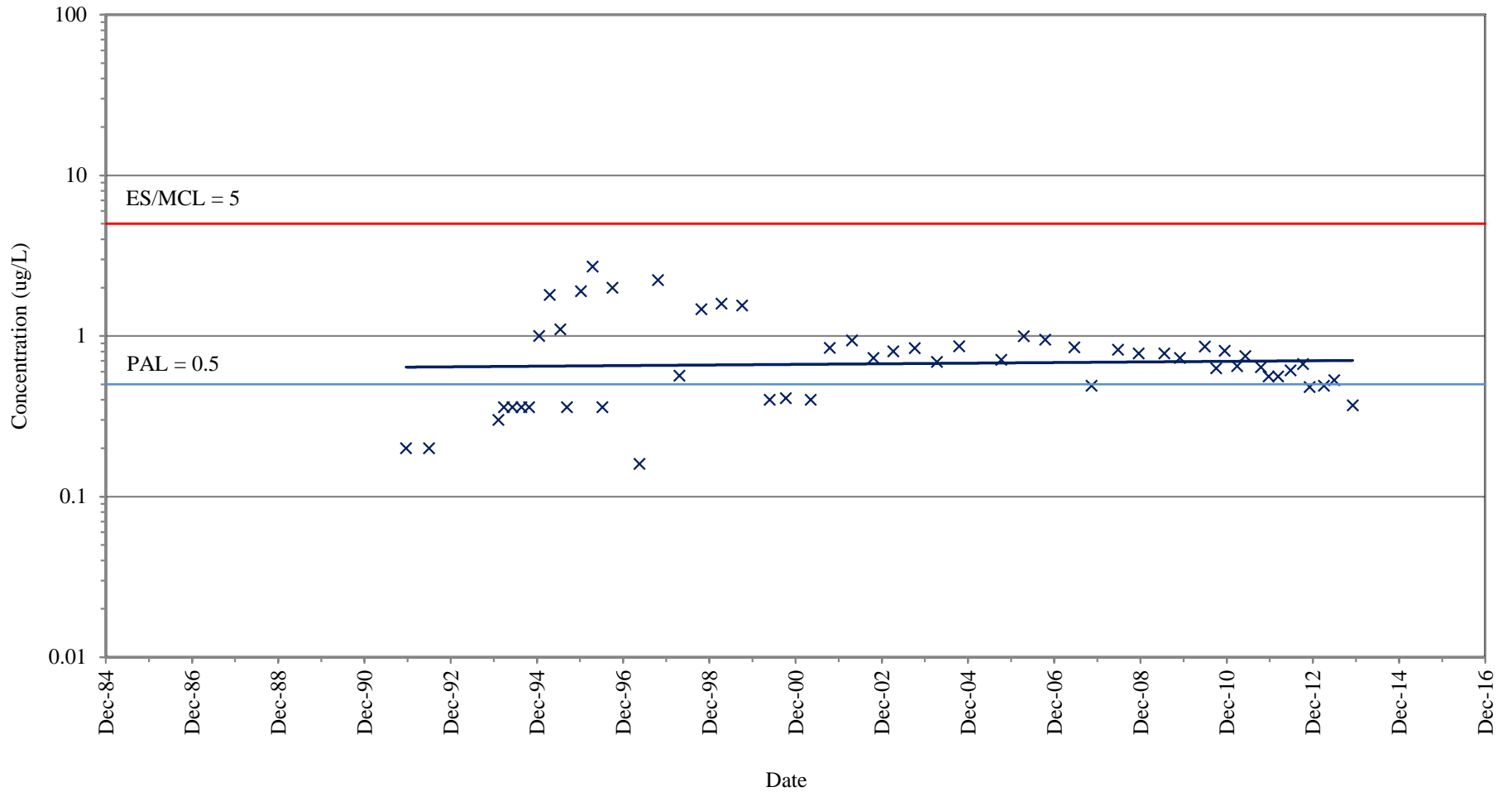
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 3/4 GROUNDWATER TCE CONCENTRATIONS
MW-5A (GRID COORDINATE L6)

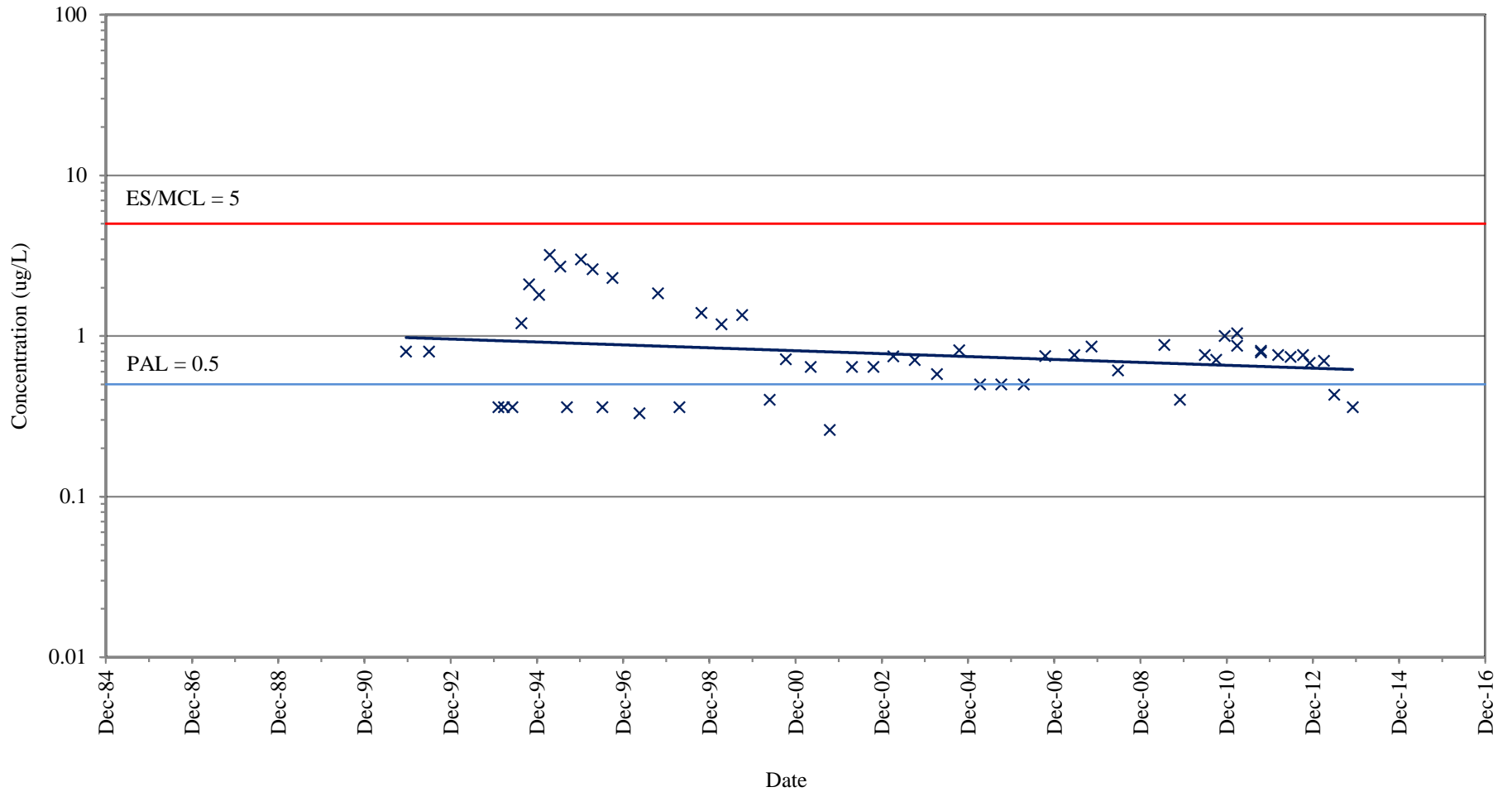
NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 3/4 GROUNDWATER TCE CONCENTRATIONS
MW-64B (GRID COORDINATE L6)

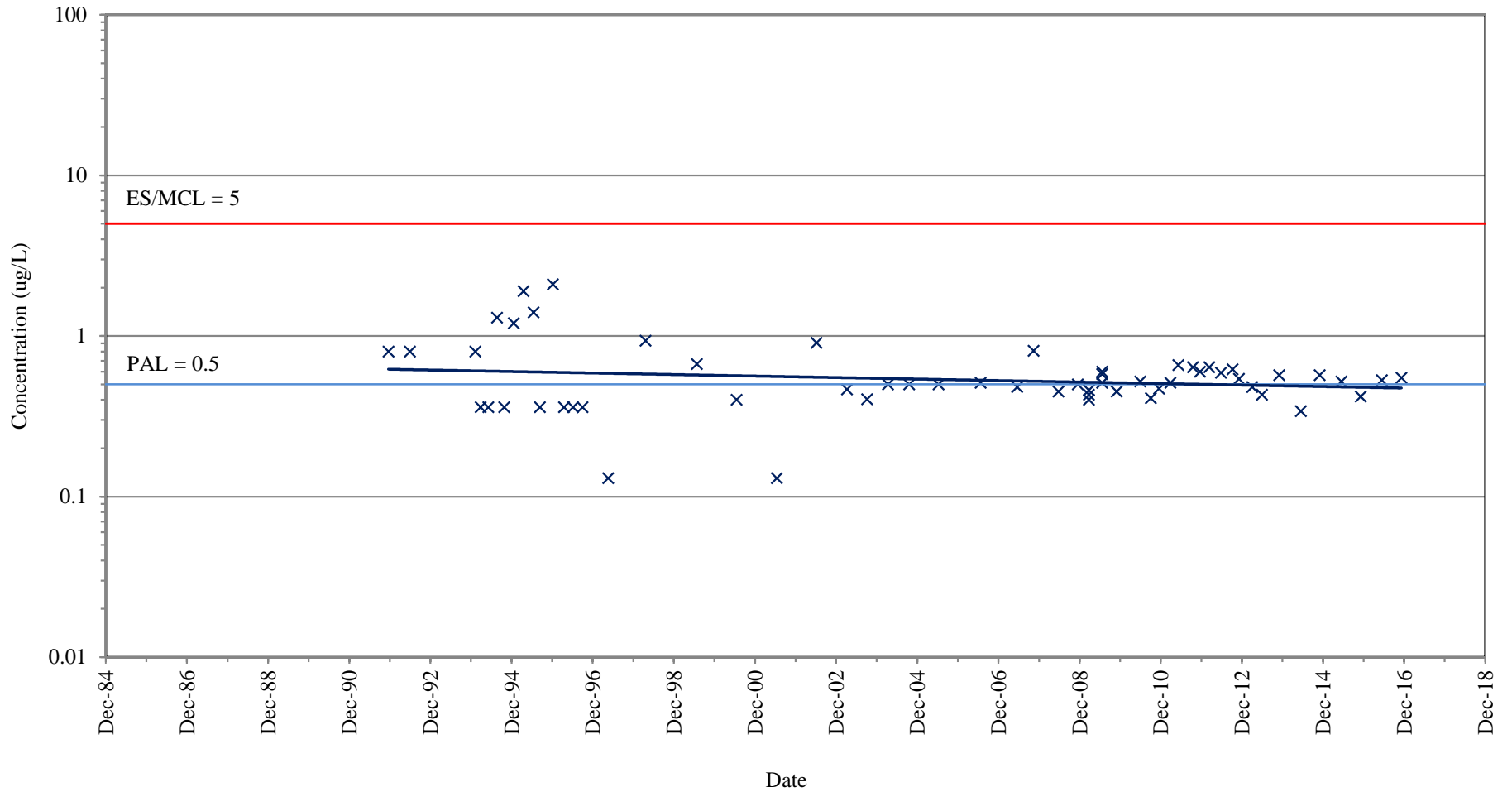
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 3/4 GROUNDWATER TCE CONCENTRATIONS
MW-64C (GRID COORDINATE L6)

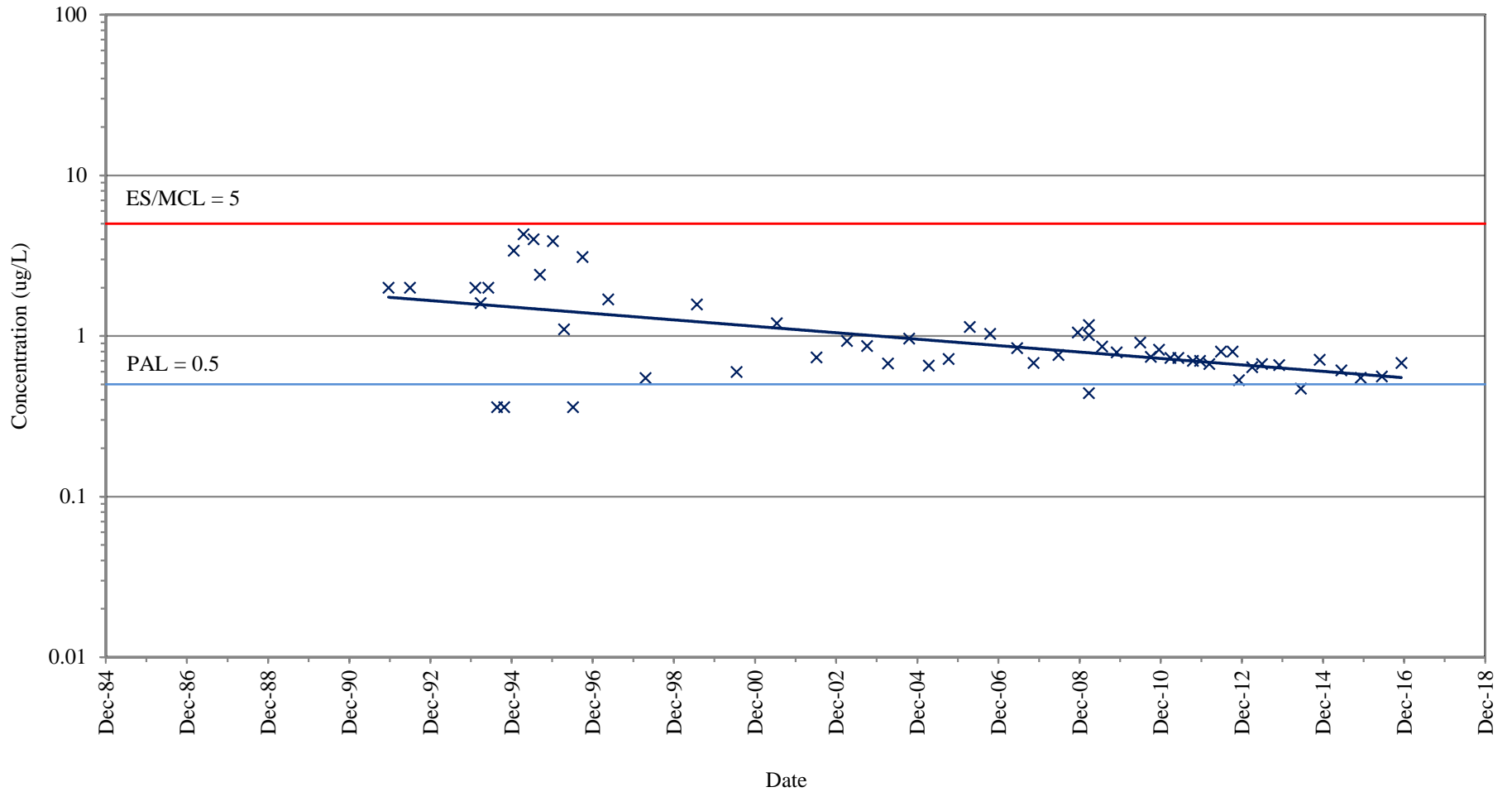
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 3/4 GROUNDWATER TCE CONCENTRATIONS
MW-65B (GRID COORDINATE L6)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 3/4 GROUNDWATER TCE CONCENTRATIONS
MW-65C (GRID COORDINATE L6)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



RECEIVED	
GANNETT FLEMING-MADISON, WI	
FILE NO:	<u>34283.000</u>
APR 18 2016	
REVIEWED BY:	<u>4/19/16 Jgo</u>
DATE:	_____
ROUTE TO:	_____

TECHNICAL MEMORANDUM

DATE: April 15, 2016

TO: Derrick Paul
National Presto Industries, Inc.

FROM: Marcia A. Kuehl
President/Owner, MAKuehl Company *MAK*

SUBJECT: Data Validation for National Presto Industries, Inc.
Interim Remedial Action Project
March 2016 Quarterly Groundwater Sampling Event
Project #: 34283

1.0 OVERVIEW

Analytical results (8260/524.2 volatiles, dissolved cadmium) for the samples listed in Table 1, collected by Gannett Fleming, Inc. from the interim remedial action at National Presto Industries, Inc. from March 21-22, 2016 have been evaluated using the EPA guidance documents "National Functional Guidelines for Organic Data Review", dated October 1999, EPA-540/R-99/008, the EPA Region V "Standard Operating Procedure for Validation of CLP Organic Data, April, 1991, Revised August 25, 1993", the "National Functional Guidelines for Inorganic Data Review", dated February 1994, EPA-540/R-94/013 and the EPA Region V "Standard Operating Procedure for Validation of CLP Inorganic Data, September 1993". The project data quality objective was assumed to be that data were to be usable for the purposes of assessing the interim remedial action for the site groundwater. The review was based on the Level IV data packages supplied by the analytical laboratory, Pace Analytical, located in Green Bay, Wisconsin and Minneapolis, Minnesota.

DQO Attainment

All dissolved cadmium data as reported by Pace was acceptable for use in the investigation. No action was needed to qualify any dissolved cadmium sample data.

All volatile organic data was usable as reported without qualification.

Values qualified with a J code by the laboratory are those that are above the LOD, but less than the LOQ. The validated data sheets are attached.

2.0 DISSOLVED CADMIUM DATA

Pace utilized EPA method 6010 for dissolved metals analysis. No significant deviations from this method that affected data quality were evident from the documentation supplied. No action was needed to qualify sample data.

2.1 Completeness Assessment

The metals analyses included a summary of the lab blank, calibration check standards, initial calibration curve coefficient and MS/MSD results. The raw data for the samples was also received. The required method 6010 frequency for internal laboratory QC samples and calibration checks were met. All samples collected and indicated on the chain-of-custody form were analyzed. No action was needed to qualify sample data.

No custody seals were present on the sample coolers and the chain-of-custody documentation was therefore not complete. However as no indication of cooler opening during transit was apparent, no action was taken to qualify sample data.

2.2 Compliance Assessment

2.2.1 Holding Time/Preservation

All samples were analyzed within the 6 month holding time for metals. Verification of sample pH upon receipt/analysis indicated that all samples were adequately preserved to pH < 2. Sample temperature upon receipt by the lab was acceptable. No action was needed to qualify cadmium sample data.

2.2.2 Calibration

The initial calibration curve coefficients were acceptable (> 0.995). Initial, continuing and final check standard recoveries were within the 90-110 % limits. No action was needed to qualify sample data.

2.2.3 Laboratory Blanks

No cadmium was reported in the initial or continuing calibration blanks analyzed with the project samples. No action was needed to qualify sample data.

2.2.4 MS/MSD Sample Recovery and RPD

Recoveries and the RPD values for metals in the sample analyzed as the MS/MSD (MW-70B) were within data validation and Pace limits. No action was needed to qualify sample data.

2.2.5 Serial Dilution

Serial dilution percent difference was less than the 10 % limit for the serial dilution samples analyzed. No action was needed to qualify sample data.

2.3 Field QC Results

No field blanks or field duplicates were collected and analyzed for dissolved cadmium with the project samples. No action was needed to qualify sample data.

2.4 Data Usability

All dissolved cadmium data as reported by Pace was acceptable for use in the investigation.

3.0 VOLATILE ORGANICS DATA BY METHODS 8260B/524.2

Pace utilized EPA methods 8260B and 524.2 for project sample analysis as indicated in Table 1. No significant deviations from these reference methods affecting data quality were evident from the documentation received and reviewed. No action was needed to qualify sample data.

3.1 Completeness Assessment

The required method 8260 and 524.2 frequency for internal laboratory QC samples and calibration checks were met. All samples collected and indicated on the chain-of-custody form were analyzed.

No custody seals were present on the sample coolers for 8260 analysis and the chain-of-custody documentation was therefore not complete. However as no indication of cooler opening during transit was apparent, no action was taken to qualify sample data.

3.2 Compliance Assessment

3.2.1 Holding Times/Preservation

All samples were analyzed within the 14 day holding time. Verification of sample pH upon analysis indicated that all samples were adequately preserved at a pH of < 2. No action was needed to qualify sample data.

Sample temperature upon receipt by the lab was acceptable as all were received at 2-6°C or "on ice". No action was needed to qualify sample data.

3.2.2 Initial Calibration and Tuning

BFB tuning results met method 8260 and 524.2 criteria as appropriate. No action was needed to qualify sample data.

Seven point initial calibration curves ranging from 0.2-250 ug/L were analyzed on 3/18/16 for method 8260. The 15 percent rsd limit required by method 8260 was met for all reported compounds. Method System Performance Check Compounds response factors (chloromethane, 1,1-dichloroethane, bromoform, 1,1,2,2-tetrachloroethane, chlorobenzene) met the EPA method data validation criteria of > 0.30 for 1,1,2,2-tetrachloroethane and chlorobenzene and > 0.10 for chloromethane, 1,1-dichloroethane, and bromoform. No action was needed to qualify sample data.

A nine point initial calibration for method 524.2 ranging from 0.2 to 250 ug/L was analyzed on 3/25/16. All rsd values for the reported volatile organics were less than the 20 % limit required for method 524.2. No action was needed to qualify sample data.

3.2.3 Continuing Calibration

A 20 ug/L continuing calibration standard (CCAL) was analyzed according to methods 8260B and 524.2 every 12 hours. Method System Performance Check Compounds response factors (chloromethane, 1,1-dichloroethane, bromoform, 1,1,2,2-tetrachloroethane, chlorobenzene) met the EPA method data validation criteria of > 0.30 for 1,1,2,2-tetrachloroethane and chlorobenzene and > 0.10 for chloromethane, 1,1-dichloroethane, and bromoform. All Calibration Check Compounds (vinyl chloride, 1,1-dichloroethene, chloroform, 1,2-dichloropropane, toluene) and System Performance Check Compounds (chloromethane, 1,1-dichloroethane, bromoform, 1,1,2,2-tetrachloroethane, chlorobenzene) met the method 8260B limits of < 20 % difference and the 524.2 limits of < 30 % difference. All response factors of reported compounds met data validation criteria. No action was needed to qualify sample data.

3.2.4 Laboratory Blanks

No detectable volatile organics above the LOD were present in the lab blanks analyzed with the project samples. No action was needed to qualify sample data.

3.2.5 Surrogate Recoveries

All surrogate recoveries were within Pace limits of 70 - 130 % (dibromofluoromethane), 59 - 130 % (4-bromofluorobenzene), 70 - 130 % (d_8 -toluene) and 75 - 125 % (524.2). No action was needed to qualify sample data.

3.2.6 Matrix Spike (MS)/Matrix Spike Duplicates (MSD)

Project samples used for method 8260 analyses MS/MSD were MW-76A and EC-1. All recoveries (70 - 130 or 138 %) and Relative Percent Difference (RPD) (< 20 %) limits established by Pace were met for all reported compounds. No action was needed to qualify

sample data.

Sample CW-15 was used as a lab duplicate and CW-11 as a matrix spike sample for 524.2 analyses. All recoveries were within Pace's limit of 70 - 130 % and all RPD values were less than Pace's 20 % RPD limit.

3.2.7 Laboratory Control Standard/Laboratory Control Standard Duplicate

LCS/LCSD samples at 20 ug/L were analyzed with every batch of 20 or less project samples and all recoveries were within Pace's limits of 70 - 130 or 132 % and < 20 % RPD. No action was needed to qualify sample data.

3.2.8 Internal Standards

Internal standard areas for quantitation ions in project samples were within the method 8260 and 524.2 limits of - 50 % to + 100 %. No action was needed to qualify sample data.

3.3 Field QC Results

Trip blanks and a field blank collected with the project samples did not contain any target detectable volatile organics above the LOD. No action was needed to qualify sample data.

No field duplicates were indicated as being collected. No action was taken to qualify sample data.

3.4 Data Usability

All volatile organic data was useable as reported without additional qualification.

If you have any questions regarding the qualification of data or the data validation process/criteria used, please contact me at (920) 469-9113.

Attachments:

Table 1
Validated Analytical Reports (hard copy)

cc: Gannett Fleming, Inc.

Table 1 Sample Results Validated - Presto March 2016

	Volatiles	dissolved		Volatiles
	SW846	cadmium		524.2
SAMPLE ID	8260B	6010	SAMPLE ID	
MW-4A	✓		CW-11	✓
MW-4B	✓		CW-15	✓
MW-10A		✓	CW-16	✓
MW-10B		✓	CW-17	✓
MW-23A	✓		CW-19	✓
MW-23B	✓		RAW	✓
MW-34A	✓		TOWER A	✓
MW-34B	✓		TOWER B	✓
MW-34C	✓		FINISHED PRODUCT	✓
MW-68A	✓		TRIP BLANK	✓
MW-68B	✓	✓		
MW-70A	✓			
MW-70B	✓	✓		
MW-74A	✓			
MW-74B	✓			
MW-75		✓		
MW-76A	✓			
MW-77A	✓			
MW-77B	✓			
MW-77C	✓			
EC-1	✓			
EC-1R U	✓			
EC-1R M	✓			
EC-1R L	✓			
EW-2	✓			
EW-5U	✓			
EW-5L	✓			
EW-6	✓			
MH 18	✓			
TRIP BLANK	✓			
FIELD BLANK	✓			

MAKUEHL CO.

TECHNICAL MEMORANDUM

DATE: July 15, 2016

TO: Derrick Paul
National Presto Industries, Inc.

FROM: Marcia A. Kuehl
President/Owner, MAKuehl Company

SUBJECT: Data Validation for National Presto Industries, Inc.
Interim Remedial Action Project
June 2016 Quarterly Groundwater Sampling Event
Project #: 34283

RECEIVED
GANNETT FLEMING-MADISON, WI
FILE NO: 34283.000
JUL 18 2016
REVIEWED BY: 7/19/16 <i>djs</i>
DATE:
ROUTE TO:

1.0 OVERVIEW

Analytical results (8260/524.2 volatiles, dissolved cadmium) for the samples listed in Table 1, collected by Gannett Fleming, Inc. from the interim remedial action at National Presto Industries, Inc. from June 13-15, 2016 have been evaluated using the EPA guidance documents "National Functional Guidelines for Organic Data Review", dated October 1999, EPA-540/R-99/008, the EPA Region V "Standard Operating Procedure for Validation of CLP Organic Data, April, 1991, Revised August 25, 1993", the "National Functional Guidelines for Inorganic Data Review", dated February 1994, EPA-540/R-94/013 and the EPA Region V "Standard Operating Procedure for Validation of CLP Inorganic Data, September 1993". The project data quality objective was assumed to be that data were to be usable for the purposes of assessing the interim remedial action for the site groundwater. The review was based on the Level IV data packages supplied by the analytical laboratory, Pace Analytical, located in Green Bay, Wisconsin and Minneapolis, Minnesota.

DQO Attainment

All volatile organic data was usable as reported without qualification.

All dissolved cadmium data usable as reported without qualification.

Values qualified with a J code by the laboratory are those that are above the LOD, but less than the LOQ. The validated data sheets are attached.

2.0 DISSOLVED CADMIUM DATA

Pace utilized EPA method 6010 for dissolved metals analysis. No significant deviations from this method that affected data quality were evident from the documentation supplied. No action was needed to qualify sample data.

2.1 Completeness Assessment

The metals analyses included a summary of the lab blank, calibration check standards, initial calibration curve coefficient and MS/MSD results. The raw data for the samples was also received. The required method 6010 frequency for internal laboratory QC samples and calibration checks were met. All samples collected and indicated on the chain-of-custody form were analyzed. No action was needed to qualify sample data.

No custody seals were present on the sample coolers and the chain-of-custody documentation was therefore not complete. However as no indication of cooler opening during transit was apparent, no action was taken to qualify sample data.

2.2 Compliance Assessment

2.2.1 Holding Time/Preservation

All samples were analyzed within the 6 month holding time for metals. Verification of sample pH upon receipt/analysis indicated that all samples were adequately preserved to pH < 2. Sample temperature upon receipt by the lab was acceptable. No action was needed to qualify cadmium sample data.

2.2.2 Calibration

The initial calibration curve coefficients were acceptable (> 0.995). Initial, continuing and final check standard recoveries were within the 90-110 % limits. No action was needed to qualify sample data.

2.2.3 Laboratory Blanks

No cadmium was reported in the initial or continuing calibration blanks analyzed with the project samples. No action was needed to qualify sample data.

2.2.4 MS/MSD Sample Recovery and RPD

Recoveries and the RPD values for metals in the sample analyzed as the MS/MSD (MW-70B) were within data validation and Pace limits. No action was needed to qualify sample data.

2.2.5 Serial Dilution

Serial dilution percent difference was less than the 10 % limit for the serial dilution samples analyzed. No action was needed to qualify sample data.

2.3 Field QC Results

No field blanks or field duplicates were collected and analyzed for dissolved cadmium with the project samples. No action was needed to qualify sample data.

2.4 Data Usability

All dissolved cadmium data as reported by Pace was acceptable for use in the investigation.

3.0 VOLATILE ORGANICS DATA BY METHODS 8260B/524.2

Pace utilized EPA methods 8260B and 524.2 for project sample analysis as indicated in Table 1. No significant deviations from these reference methods affecting data quality were evident from the documentation received and reviewed. No action was needed to qualify sample data.

3.1 Completeness Assessment

The required method 8260 and 524.2 frequency for internal laboratory QC samples and calibration checks were met. All samples collected and indicated on the chain-of-custody form were analyzed.

No custody seals were present on the sample coolers for 8260 analysis and the chain-of-custody documentation was therefore not complete. However as no indication of cooler opening during transit was apparent, no action was taken to qualify sample data.

Several sample labeling gaps and errors were noted:

MW-5B had two vials with no label present. The identity was discerned from their placement with a labeled sample.

EW-5 88' was labeled as EW-5. Date and time collected matched the EW-5 88' sample.

MW-55B collection time on label was listed as 14:35, yet the chain listed 14:38.

MW-55B had no collection time on the vial labels.

MW-66B collection time on label was listed as 10:22, yet the chain listed 10:27.

MW-77A had one vial identified as only 77A.

RW-16C, trip blank (40133918028), EC-1, EC-2, EC-5, EC-6 and EC-6 DUP had no collection date recorded on the chain of custody form.

No field sampler signed the "Relinquished by" section except for the first page of the pack of chain of custody forms contained in the cooler.

None of these discrepancies required sample data validation, but the data user should be aware of these sample collection documentation errors.

3.2 Compliance Assessment

3.2.1 Holding Times/Preservation

All samples were analyzed within the 14 day holding time. Verification of sample pH upon analysis indicated that all samples were adequately preserved at a pH of < 2. No action was needed to qualify sample data.

Sample temperature upon receipt by the lab was acceptable as all were received at 2-6°C or "on ice". No action was needed to qualify sample data.

3.2.2 Initial Calibration and Tuning

BFB tuning results met method 8260 and 524.2 criteria as appropriate. No action was needed to qualify sample data.

Seven point initial calibration curves ranging from 0.2-250 ug/L were analyzed on 5/26/16 and 6/21/16 for method 8260. The 15 percent rsd limit required by method 8260 was met for all reported compounds. Method System Performance Check Compounds response factors (chloromethane, 1,1-dichloroethane, bromoform, 1,1,2,2-tetrachloroethane, chlorobenzene) met the EPA method data validation criteria of > 0.30 for 1,1,2,2-tetrachloroethane and chlorobenzene and > 0.10 for chloromethane, 1,1-dichloroethane, and bromoform. No action was needed to qualify sample data.

A nine point initial calibration for method 524.2 ranging from 0.2 to 250 ug/L was analyzed on 6/21/16. All rsd values for the reported volatile organics were less than the 20 % limit required for method 524.2. No action was needed to qualify sample data.

3.2.3 Continuing Calibration

A 20 ug/L continuing calibration standard (CCAL) was analyzed according to methods 8260B and 524.2 every 12 hours. Method System Performance Check Compounds response factors (chloromethane, 1,1-dichloroethane, bromoform, 1,1,2,2-

tetrachloroethane, chlorobenzene) met the EPA method data validation criteria of > 0.30 for 1,1,2,2-tetrachloroethane and chlorobenzene and > 0.10 for chloromethane, 1,1-dichloroethane, and bromoform. All Calibration Check Compounds (vinyl chloride, 1,1-dichloroethene, chloroform, 1,2-dichloropropane, toluene) and System Performance Check Compounds (chloromethane, 1,1-dichloroethane, bromoform, 1,1,2,2-tetrachloroethane, chlorobenzene) met the method 8260B limits of < 20 % difference and the 524.2 limits of < 30 % difference. All response factors of reported compounds met data validation criteria. No action was needed to qualify sample data.

3.2.4 Laboratory Blanks

No detectable volatile organics above the LOD were present in the lab blanks analyzed with the project samples. No action was needed to qualify sample data.

3.2.5 Surrogate Recoveries

All surrogate recoveries were within Pace limits of 70 - 130 % (dibromofluoromethane), 59 - 130 % (4-bromofluorobenzene), 70 - 130 % (d₈-toluene) and 75 - 125 % (524.2). No action was needed to qualify sample data.

3.2.6 Matrix Spike (MS)/Matrix Spike Duplicates (MSD)

Project samples used for method 8260 analyses MS/MSD were MW-62AR, MW-38B, MW-52A, EC-1 and MW-76A. All recoveries (70 - 130 or 138 %) and Relative Percent Difference (RPD) (< 20 %) limits established by Pace were met for all reported compounds. No action was needed to qualify sample data.

A non-project sample was used as a lab duplicate and matrix spike sample for 524.2 analyses. All recoveries were within Pace's limit of 70 - 130 % and all RPD values were less than Pace's 20 % RPD limit.

3.2.7 Laboratory Control Standard/Laboratory Control Standard Duplicate

LCS/LCSD samples at 20 ug/L were analyzed with every batch of 20 or less project samples and all recoveries were within Pace's limits of 70 - 130 or 132 % and < 20 % RPD. No action was needed to qualify sample data.

3.2.8 Internal Standards

Internal standard areas for quantitation ions in project samples were within the method 8260 and 524.2 limits of - 50 % to + 100 %. No action was needed to qualify sample data.

3.3 Field QC Results

Trip blanks collected with the project samples did not contain any target detectable volatile organics above the LOD. No action was needed to qualify sample data.

Field duplicates were collected for MW-26B, MW-45C, EC-6 and MW-23B. The calculated Relative Percent Difference (RPD) for the detected volatile organics between the sample and its field duplicate were as follows:

Sample ID	MW-38A	MW-38A DUP	RPD	RW-2A	RW-2A DUP	RPD
trichloroethene	2.2 ug/L	1.8 ug/L	20 %	0.91 ug/L	0.96 ug/L	5 %

The RPD values were within the U.S. EPA Region V limit of a factor of five (133 % RPD) for detected trichloroethene. No action taken was needed to qualify sample data.

3.4 Data Usability

All volatile organic data was useable as reported without additional qualification.

If you have any questions regarding the qualification of data or the data validation process/criteria used, please contact me at (920) 469-9113.

Attachments:

Table 1
Validated Analytical Reports (hard copy)

cc: Gannett Fleming, Inc.

Table 1 Sample Results Validated - Presto June 2016

SAMPLE ID	Volatiles	Dissolved	SAMPLE ID	Volatiles	Dissolved	Volatiles
	SW846	Cadmium		SW846	Cadmium	
	8260B	6010		8260B	6010	524.2
MW-4A		✓	WW-15	✓		
MW-4B		✓	PW-3R	✓		
MW-5A	✓		EW-1R 76'	✓		
MW-5B	✓		EW-1R 86'	✓		
MW-10A		✓	EW-16 96'	✓		
MW-10B		✓	EW-2 81'	✓		
MW-23A	✓		EW-2 91'	✓		
MW-23B	✓		EW-5		✓	
MW-26B	✓		EW-6	✓	✓	
MW-26B DUP	✓		MH-18	✓		
MW-34A	✓	✓	RW-2A	✓		
MW-34B	✓	✓	RW-2A DUP	✓		
MW-34C	✓	✓	RW-2B	✓		
MW-35A	✓		RW-2C	✓		
MW-35B	✓		RW-3A	✓		
MW-38A	✓		RW-3B	✓		
MW-38B	✓		RW-3C	✓		
MW-38B DUP	✓		RW-15	✓		
MW-38C	✓		RW-16	✓		
MW-41A	✓		RW-16B	✓		
MW-41B	✓		RW-16C	✓		
MW-43A	✓		EC-1	✓		
MW-43B	✓		EC-2	✓		
MW-45B	✓		EC-5	✓		
MW-45C	✓		EC-6	✓		
MW-51B	✓		EC-6 DUP	✓		
MW-52A	✓					
MW-52B	✓					
MW-53B	✓					
MW-54A	✓					
MW-54B	✓					
MW-54C	✓		CW-11			✓
MW-55B	✓		CW-19			✓
MW-62AR	✓		CW-15			✓
MW-62B	✓		CW-16			✓
MW-62C	✓		CW-17			✓
MW-63A	✓		TOWER A			✓
MW-63B	✓		TOWER B			✓
MW-65B	✓		RAW			✓
MW-65C	✓		FINISHED PRODUCT			✓
MW-66A	✓		TRIP BLANK 6/15/16			✓
MW-66B	✓					
MW-66C	✓					
MW-68A		✓				
MW-68B		✓				
MW-70A	✓	✓				
MW-70B	✓	✓				
MW-74A	✓					
MW-74B	✓					
MW-75		✓				
MW-76A	✓					
MW-76B	✓					
MW-77A	✓					
MW-77B	✓					
MW-77C	✓					
TRIP BLANK 6/14/16	✓					
TRIP BLANK 6/14/16	✓					



RECEIVED
GANNETT FLEMING-MADISON, WI
FILE NO: 34283.000
OCT 10 2016
REVIEWED BY: _____
DATE: 10/11/16
ROUTE TO: _____

TECHNICAL MEMORANDUM

DATE: October 5, 2016

TO: Derrick Paul
National Presto Industries, Inc.

FROM: Marcia A. Kuehl
President/Owner, MAKuehl Company

SUBJECT: Data Validation for National Presto Industries, Inc.
Interim Remedial Action Project
August 2016 Quarterly Groundwater Sampling Event
Project #: 34283

1.0 OVERVIEW

Analytical results (8260/524.2 volatiles, 1,4-dioxane, dissolved cadmium) for the samples listed in Table 1, collected by Gannett Fleming, Inc. from the interim remedial action at National Presto Industries, Inc. from August 29-31, 2016 have been evaluated using the EPA guidance documents "National Functional Guidelines for Organic Data Review", dated October 1999, EPA-540/R-99/008, the EPA Region V "Standard Operating Procedure for Validation of CLP Organic Data, April, 1991, Revised August 25, 1993", the "National Functional Guidelines for Inorganic Data Review", dated February 1994, EPA-540/R-94/013 and the EPA Region V "Standard Operating Procedure for Validation of CLP Inorganic Data, September 1993". The project data quality objective was assumed to be that data were to be usable for the purposes of assessing the interim remedial action for the site groundwater. The review was based on the Level IV data packages supplied by the analytical laboratory, Pace Analytical, located in Green Bay, Wisconsin and Minneapolis, Minnesota.

DQO Attainment

- All volatile organic data was usable as reported without qualification.
 - All dissolved cadmium data was usable as reported without qualification.
 - All 1,4-dioxane data was usable as reported without qualification.
- Values qualified with a J code by the laboratory are those that are above the LOD, but less

than the LOQ. The validated data sheets are attached.

2.0 DISSOLVED CADMIUM DATA

Pace utilized EPA method 6010 for dissolved metals analysis. No significant deviations from this method that affected data quality were evident from the documentation supplied. No action was needed to qualify sample data.

2.1 Completeness Assessment

The metals analyses included a summary of the lab blank, calibration check standards, initial calibration curve coefficient and MS/MSD results. The raw data for the samples was also received. The required method 6010 frequency for internal laboratory QC samples and calibration checks were met. All samples collected and indicated on the chain-of-custody form were analyzed. No action was needed to qualify sample data.

No custody seals were present on the sample coolers and the chain-of-custody documentation was therefore not complete. However as no indication of cooler opening during transit was apparent, no action was taken to qualify sample data.

2.2 Compliance Assessment

2.2.1 Holding Time/Preservation

All samples were analyzed within the 6 month holding time for metals. Verification of sample pH upon receipt/analysis indicated that all samples were adequately preserved to pH < 2. Sample temperature upon receipt by the lab was acceptable. No action was needed to qualify cadmium sample data.

2.2.2 Calibration

The initial calibration curve coefficients were acceptable (> 0.995). Initial, continuing and final check standard recoveries were within the 90-110 % limits. No action was needed to qualify sample data.

2.2.3 Laboratory Blanks

No cadmium was reported in the initial or continuing calibration blanks analyzed with the project samples. No action was needed to qualify sample data.

2.2.4 MS/MSD Sample Recovery and RPD

Recoveries and the RPD values for metals in the sample analyzed as the MS/MSD (MW-10A) were within data validation and Pace limits. No action was needed to qualify sample data.

2.2.5 Serial Dilution

Serial dilution percent difference was less than the 10 % limit for the serial dilution samples analyzed. No action was needed to qualify sample data.

2.3 Field QC Results

No field blanks or field duplicates were collected and analyzed for dissolved cadmium with the project samples. No action was needed to qualify sample data.

2.4 Data Usability

All dissolved cadmium data as reported by Pace was acceptable for use in the investigation.

3.0 VOLATILE ORGANICS DATA BY METHODS 8260B/524.2

Pace utilized EPA methods 8260B and 524.2 for project sample analysis as indicated in Table 1. No significant deviations from these reference methods affecting data quality were evident from the documentation received and reviewed. No action was needed to qualify sample data.

3.1 Completeness Assessment

The required method 8260 and 524.2 frequency for internal laboratory QC samples and calibration checks were met. All samples collected and indicated on the chain-of-custody form were analyzed.

No custody seals were present on the sample coolers for 8260/524.2 analysis and the chain-of-custody documentation was therefore not complete. However as no indication of cooler opening during transit was apparent, no action was taken to qualify sample data.

One sample labeling gap was noted: one volatile vial for sample MW-70A did not have a collection date indicated. This discrepancy did not affect data validation, but the data user should be aware of this sample collection documentation error.

3.2 Compliance Assessment

3.2.1 Holding Times/Preservation

All samples were analyzed within the 14 day holding time. Verification of sample pH upon analysis indicated that all samples were adequately preserved at a pH of < 2. No action was needed to qualify sample data.

Sample temperature upon receipt by the lab was acceptable as all were received at 2-6°C

or "on ice". No action was needed to qualify sample data.

3.2.2 Initial Calibration and Tuning

BFB tuning results met method 8260 and 524.2 criteria as appropriate. No action was needed to qualify sample data.

A seven point initial calibration curve ranging from 0.2-250 ug/L was analyzed on 8/19/16 for method 8260. The 15 percent rsd limit required by method 8260 was met for all reported compounds. Response factors for all reported volatile organic compounds met the EPA method data validation criteria of > 0.10. No action was needed to qualify sample data.

Seven point initial calibration curves for method 524.2 ranging from 0.2 to 250 ug/L were analyzed on 3/15/16 and 6/13/16. All rsd values for the reported volatile organics were less than the 20 % limit required for method 524.2. No action was needed to qualify sample data.

3.2.3 Continuing Calibration

A 20 ug/L continuing calibration standard (CCAL) was analyzed according to methods 8260B and 524.2 every 12 hours. Method System Performance Check Compound response factor for 1,1-dichloroethane met the EPA method data validation criteria of > 0.10. All reported analytes met the method 8260B limits of < 20 % difference and the 524.2 limits of < 30 % difference. All response factors of reported compounds met data validation criteria. No action was needed to qualify sample data.

3.2.4 Laboratory Blanks

No detectable volatile organics above the LOD were present in the lab blanks analyzed with the project samples. No action was needed to qualify sample data.

3.2.5 Surrogate Recoveries

All surrogate recoveries were within Pace limits of 70 - 130 % (8260) and 75 - 125 % (524.2). No action was needed to qualify sample data.

3.2.6 Matrix Spike (MS)/Matrix Spike Duplicates (MSD)

Project samples used for method 8260 analyses MS/MSD were EC-1, MW-76A and two non-project samples. All recovery (70 - 131, 134, 136, 148 %) and Relative Percent Difference (RPD) (< 20 %) limits established by Pace were met for all reported compounds. No action was needed to qualify sample data.

A non-project sample was used as a lab duplicate and matrix spike sample for 524.2 analyses. All recoveries were within Pace's limit of 70 - 130 % and all RPD values were less

than Pace's 20 % RPD limit.

3.2.7 Laboratory Control Standard/Laboratory Control Standard Duplicate

LCS/LCSD samples at 20 ug/L were analyzed with every batch of 20 or less project samples and all recoveries were within Pace's limits of 70 - 130 or 131, 133, 138 % and < 20 % RPD. No action was needed to qualify sample data.

3.2.8 Internal Standards

Internal standard areas for quantitation ions in project samples were within the method 8260 and 524.2 limits of - 50 % to + 100 %. No action was needed to qualify sample data.

3.3 Field QC Results

Trip blanks collected with the project samples did not contain any target detectable volatile organics above the LOD. No action was needed to qualify sample data.

Field duplicates were collected for MW-4B, MW-34B and MW-68A. The calculated Relative Percent Difference (RPD) for the detected volatile organics between the sample and its field duplicate were as follows:

Sample ID	MW-4B	MW-4B DUP	RPD
trichloroethene	0.38 ug/L	0.40 ug/L	5 %

The RPD values were within the U.S. EPA Region V limit of a factor of five (133 % RPD) for detected trichloroethene. No action taken was needed to qualify sample data.

3.4 Data Usability

All volatile organic data was useable as reported without additional qualification.

4.0 1,4-DIOXANE

Pace utilized EPA method 3510C and 8270C for the determination of 1,4-dioxane. No deviations from these reference methods were apparent from the data reviewed. No action was needed to qualify sample data.

4.1 Completeness Assessment

The required method 8270 frequency for internal laboratory QC samples and calibration checks were met. All samples collected and indicated on the chain-of-custody form were

analyzed.

No custody seals were present on the sample coolers for 8270 analysis and the chain-of-custody documentation was therefore not complete. However as no indication of cooler opening during transit was apparent, no action was taken to qualify sample data.

4.2 Compliance Assessment

4.2.1 Holding Times/Preservation

All samples were analyzed within the 7 day holding time. All samples were received within the acceptable 2-6 °C range. No action was needed to qualify sample data.

4.2.2 Initial Calibration/Tuning

All DFTPP tuning criteria and frequency for analysis were met each day samples were analyzed. No action was needed to qualify sample data.

Seven point calibration curves were analyzed on 3/5/16 and 6/13/16. The allowable 30 % relative standard deviation (rsd) EPA data validation criteria for initial calibration or the linear calibration curve coefficient was > 0.990 was met for 1,4-dioxane. The minimum Relative Response Factor (RRF) of > 0.05 used by EPA Region V and the QAPP for data validation as proof of acceptable system response was met for 1,4-dioxane. No action was needed to qualify sample data.

4.2.3 Continuing Calibration

All continuing calibration standards analyzed with the project samples were within the EPA Region V limit of < 30 % difference and $RRF > 0.05$. No action was needed to qualify sample data.

4.2.4 Laboratory Blanks

No 1,4-dioxane was reported above the Method Detection Limit (MDL) in the lab blanks analyzed with the project samples. No action was needed to qualify sample data.

4.2.5 Surrogate Recoveries

Recovery of the semivolatile surrogates in all project samples were within Pace and method limits in all project samples. No action was needed to qualify sample data.

4.2.6 Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Insufficient sample volume was provided for MS/MSD analysis of project samples. No action was taken to qualify sample data.

2.2.7 Laboratory Control Standard (LCS)/Lab Control Standard Duplicate (LCSD)

The LCS and LCSD standard analyzed for 1,4-dioxane does not include 1,4-dioxane as an analyte. No action was taken to qualify sample data.

2.2.8 Internal Standards

Internal standard area of the nearest internal standard used to quantify 1,4-dioxane (d_4 -1,4-dichlorobenzene) in all samples were within the limits of +50 % to -100 % and all retention times were within the \pm 30 second window. No action was needed to qualify sample data.

4.3 Field QC Results

No blanks were collected for the analysis of 1,4-dioxane. One field duplicate (CW-19/CW-19 DUP) was collected and no 1,4-dioxane was present in either of the samples. No action was needed to qualify sample data, as acceptable field precision was achieved..

4.4 Data Usability

All 1,4-dioxane data was useable as reported without additional qualification. No detectable 1,4-dioxane was present in the samples.

If you have any questions regarding the qualification of data or the data validation process/criteria used, please contact me at (920) 469-9113.

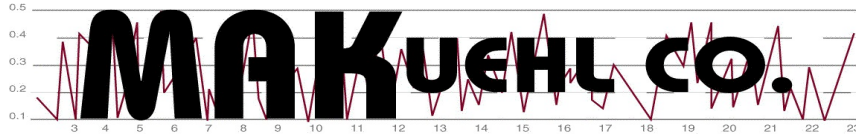
Attachments:

Table 1
Validated Analytical Reports (hard copy)

cc: Gannett Fleming, Inc.

Table 1 Sample Results Validated - Presto August 2016

	Volatiles	dissolved	Volatiles	1,4-dioxane
SAMPLE ID	SW846	cadmium	524.2	3510
	8260B	6010		8270
MW-4A	✓			
MW-4B	✓			
MW-4B DUP	✓			
MW-10A		✓		
MW-10B		✓		
MW-23A	✓			
MW-23B	✓			
MW-34A	✓			✓
MW-34B	✓			
MW-34B DUP	✓			
MW-34C	✓			
MW-38B	✓			
MW-52B	✓			
MW-68A	✓			
MW-68A DUP	✓			
MW-68B	✓	✓		✓
MW-70A	✓			
MW-70B	✓	✓		
MW-74A	✓			
MW-74B	✓			
MW-75		✓		
MW-76A	✓			✓
MW-77A	✓			
MW-77B	✓			✓
MW-77C	✓			
EC-1	✓			
EW1R-76'	✓			
EW1R-86'	✓			
EW1R-96'	✓			
EW2-81'	✓			
EW2-91'	✓			
EW-5	✓			
EW-6	✓			
MH18	✓			
TRIP BLANK B	✓			
RW-16	✓			✓
RW-3C	✓			✓
TRIP BLANK C	✓			
TRIP BLANK D	✓			
FIELD BLANK 1	✓			
FIELD BLANK 2	✓			
CW-11			✓	
CW-15			✓	
CW-16			✓	
CW-17			✓	
CW-19			✓	✓
CW-19 DUP				✓
RAW			✓	
TOWER A			✓	
TOWER B			✓	
TRIP BLANK A			✓	
PRODUCT			✓	



TECHNICAL MEMORANDUM

DATE: February 2, 2017

TO: Derrick Paul
National Presto Industries, Inc.

FROM: Marcia A. Kuehl
President/Owner, MAKuehl Company

SUBJECT: Data Validation for National Presto Industries, Inc.
Interim Remedial Action Project
December 2016 Quarterly Groundwater Sampling Event
Project #: 34283

Project #34283.00
NPI Q4 GW DV
Reviewed by CCW
2/3/17

1.0 OVERVIEW

Analytical results (8260/524.2 volatiles, 1,4-dioxane, dissolved cadmium, nickel, zinc, hardness, polynuclear aromatics) for the samples listed in Table 1, collected by Gannett Fleming, Inc. from the interim remedial action at National Presto Industries, Inc. on December 5-7, 2016 have been evaluated using the EPA guidance documents "National Functional Guidelines for Organic Data Review", dated October 1999, EPA-540/R-99/008, the EPA Region V "Standard Operating Procedure for Validation of CLP Organic Data, April, 1991, Revised August 25, 1993", the "National Functional Guidelines for Inorganic Data Review", dated February 1994, EPA-540/R-94/013 and the EPA Region V "Standard Operating Procedure for Validation of CLP Inorganic Data, September 1993". The project data quality objective was assumed to be that data were to be usable for the purposes of assessing the interim remedial action for the site groundwater. The review was based on the Level IV data packages supplied by the analytical laboratory, Pace Analytical, located in Green Bay, Wisconsin.

DQO Attainment

All volatile organic data was usable as reported without qualification.

All metals/hardness data was usable as reported without qualification.

All semivolatile organic data for MH-18 was useable as reported without additional qualification.

All 1,4-dioxane data was usable as reported without qualification.

Values qualified with a J code by the laboratory are those that are above the LOD, but less than the LOQ. The validated data sheets are attached.

2.0 DISSOLVED CADMIUM, NICKEL, ZINC DATA

Pace utilized EPA methods 6010 for dissolved cadmium analysis and methods 3010 and 6010 for other metals analysis. No significant deviations from these methods that affected data quality were evident from the documentation supplied. No action was needed to qualify sample data.

2.1 Completeness Assessment

The metals analyses included a summary of the lab blank, calibration check standards, initial calibration curve coefficient, LCS and MS/MSD results. The raw data for the samples was also received. The required method 6010 frequency for internal laboratory QC samples and calibration checks were met. All samples collected and indicated on the chain-of-custody form were analyzed. No action was needed to qualify sample data.

No custody seals were present on the sample coolers and the chain-of-custody documentation was therefore not complete. However as no indication of cooler opening during transit was apparent, no action was taken to qualify sample data.

2.2 Compliance Assessment

2.2.1 Holding Time/Preservation

All samples were analyzed within the 6 month holding time for metals. Verification of sample pH upon receipt/analysis indicated that all samples were adequately preserved to pH < 2. Sample temperature upon receipt by the lab was acceptable. No action was needed to qualify sample data.

2.2.2 Calibration

The initial calibration curve coefficients were acceptable (> 0.995). Initial, continuing and final check standard recoveries were within the 90-110 % limits. No action was needed to qualify sample data.

2.2.3 Laboratory Blanks

No reported metals above the Limit of Detection (LOD) were reported in the blanks analyzed with the project samples. No action was needed to qualify sample data.

2.2.4 Lab Control Standard (LCS) Recovery

Recovery of LCS samples were all within the 80 - 120 % Limit. No action was needed to qualify sample data.

2.2.5 MS/MSD Sample Recovery and RPD

Recoveries and the Relative Percent Difference (RPD) values for metals in the samples analyzed as the MS/MSD were within data validation and Pace limits of 75 -125 % recovery and < 20 % RPD. No action was needed to qualify sample data.

2.2.5 Serial Dilution

Serial dilution percent difference was less than the 10 % limit for the serial dilution samples analyzed. No action was needed to qualify sample data.

2.3 Field QC Results

No field blanks or field duplicates were collected and analyzed for metals with the project samples. No action was needed to qualify sample data.

2.4 Data Usability

All metals data as reported by Pace was acceptable for use in the investigation.

3.0 VOLATILE ORGANICS DATA BY METHODS 8260B/524.2

Pace utilized EPA methods 8260B and 524.2 for project sample analysis as indicated in Table 1. No significant deviations from these reference methods affecting data quality were evident from the documentation received and reviewed. No action was needed to qualify sample data.

3.1 Completeness Assessment

The required method 8260 and 524.2 frequency for internal laboratory QC samples and calibration checks were met. All samples collected and indicated on the chain-of-custody form were analyzed.

No custody seals were present on the sample coolers for 8260 analysis and the chain-of-custody documentation was therefore not complete. However as no indication of cooler opening during transit was apparent, no action was taken to qualify sample data.

3.2 Compliance Assessment

3.2.1 Holding Times/Preservation

All samples were analyzed within the 14 day holding time. Verification of sample pH upon analysis indicated that all samples were adequately preserved at a pH of < 2. No action was needed to qualify sample data.

Sample temperature upon receipt by the lab was acceptable as all were received at 2-6°C or “on ice”. No action was needed to qualify sample data.

Minor sample label discrepancies and frozen vials were noted for the project, but none of the sample data were affected. No action was needed to qualify sample data.

3.2.2 Initial Calibration and Tuning

BFB tuning results met method 8260 and 524.2 criteria as appropriate. No action was needed to qualify sample data.

A seven point initial calibration curve ranging from 0.2-250 ug/L was analyzed on 11/21/16 for method 8260. The 15 percent rsd limit required by method 8260 was met for all reported compounds. Method System Performance Check Compounds response factors (chloromethane, 1,1-dichloroethane, bromoform, 1,1,2,2-tetrachloroethane, chlorobenzene) met the EPA method data validation criteria of > 0.30 for 1,1,2,2-tetrachloroethane and chlorobenzene and > 0.10 for chloromethane, 1,1-dichloroethane, and bromoform. No action was needed to qualify sample data.

A nine point initial calibration for method 524.2 ranging from 0.2 to 250 ug/L was analyzed on 11/28/16. All rsd values for the reported volatile organics were less than the 20 % limit required for method 524.2. No action was needed to qualify sample data.

3.2.3 Continuing Calibration

A 50 ug/L continuing calibration standard (CCAL) was analyzed according to methods 8260B and 524.2 every 12 hours. Method System Performance Check Compounds response factors (chloromethane, 1,1-dichloroethane, bromoform, 1,1,2,2-tetrachloroethane, chlorobenzene) met the EPA method data validation criteria of > 0.30 for 1,1,2,2-tetrachloroethane and chlorobenzene and > 0.10 for chloromethane, 1,1-dichloroethane, and bromoform. All Calibration Check Compounds (vinyl chloride, 1,1-dichloroethene, chloroform, 1,2-dichloropropane, toluene) and System Performance Check Compounds (chloromethane, 1,1-dichloroethane, bromoform, 1,1,2,2-tetrachloroethane, chlorobenzene) met the method 8260B limits of < 20 % difference and the 524.2 limits of < 30 % difference. All response factors of reported compounds met data validation criteria. No action was needed to qualify sample data.

3.2.4 Laboratory Blanks

No detectable volatile organics above the LOD were present in the lab blanks analyzed with the project samples. No action was needed to qualify sample data.

3.2.5 Surrogate Recoveries

All surrogate recoveries were within Pace limits of 70 - 130 % for method 8260 analyses and 75 - 125 % (524.2). No action was needed to qualify sample data.

3.2.6 Matrix Spike (MS)/Matrix Spike Duplicates (MSD)

Project samples used for method 8260 analyses MS/MSD were RW-2B and RW-3A. All recoveries (70 - 130 or 134, 139 %) and Relative Percent Difference (RPD) (< 20 %) limits established by Pace were met for all reported compounds. No action was needed to qualify sample data.

3.2.7 Laboratory Control Standard/Laboratory Control Standard Duplicate

LCS/LCSD samples at 20 ug/L were analyzed with every batch of 20 or less project samples and all recoveries were within Pace's limits of 70 - 130 and < 20 % RPD. No action was needed to qualify sample data.

3.2.8 Internal Standards

Internal standard areas for quantitation ions in project samples were within the method 8260 and 524.2 limits of - 50 % to + 100 %. No action was needed to qualify sample data.

3.3 Field QC Results

Trip blanks collected with the project samples did not contain any target detectable volatile organics above the LOD. No action was needed to qualify sample data.

Field duplicates were collected for MW-23A, MW-45B, MW-70A and MW-77C. The calculated Relative Percent Difference (RPD) for the detected volatile organic between the sample and its field duplicate were as follows:

Sample ID	MW-70A	MW-70A DUP	RPD	MW-77C	MW-77C DUP	RPD
trichloroethene	0.61 ug/L	0.41 ug/L	39 %	0.60 ug/L	0.52 ug/L	14 %
1,1-dichloroethane	0.26 ug/L	0.24 ug/L	80 %			

Sample ID	MW-45B	MW-45B DUP	RPD	MW-23A	MW-23A DUP	RPD
trichloroethene	2.5 ug/L	2.5 ug/L	0 %	0.98 ug/L	1.1 ug/L	12 %

The RPD values were within the U.S. EPA Region V limit of a factor of five (133 % RPD). No action taken was needed to qualify sample data.

3.4 Data Usability

All volatile organic data was useable as reported without additional qualification.

4.0 SEMIVOLATILE ORGANICS DATA

Pace utilized EPA methods 3510 and 8270C for polynuclear aromatic (PNA) sample analysis for MH-18 as indicated in Table 1. No significant deviations from these reference methods affecting data quality were evident from the documentation received and reviewed. No action was needed to qualify sample data.

4.1 Completeness Assessment

The required method 8270C frequency for internal laboratory QC samples and calibration checks were met. All samples collected and indicated on the chain-of-custody form were analyzed.

No custody seals were present on the sample coolers and the chain-of-custody documentation was therefore not complete. However as no indication of cooler opening during transit was apparent, no action was taken to qualify sample data.

4.2 Compliance Assessment

Pace utilized method 8270C for analysis. Based on the documentation reviewed, no significant deviations adversely affecting data quality were made to the method. No action was needed to qualify sample data.

4.2.1 Holding Times/Preservation

The validated sample was extracted within 7 days of collection and analyzed within 40 days after extraction. The sample was received at Pace within the acceptable temperature range of 2-6°C. No action was needed to qualify sample data.

4.2.2 Initial Calibration and Tuning

The laboratory certified that all required calibration (initial calibration on 12/12/16) and tuning results met method criteria. No exceptions that affected the validated sample were noted in the case narrative. No action was needed to qualify sample data.

4.2.3 Continuing Calibration

The laboratory certified that all required calibration results met method criteria. No exceptions that affected the validated sample were noted in the case narrative. No action was needed to qualify sample data.

4.2.4 Laboratory Blanks

Method blanks were prepared and analyzed at the required method 8270C frequency. No detected target semivolatile organics were present in the lab blank. No action was needed to qualify sample data.

4.2.5 Surrogate Recoveries

Recovery of both surrogate standards in the validated sample were within the Pace limits. No action was needed to qualify sample data.

4.2.6 Matrix Spike/Matrix Spike Duplicate

The MS/MSD of MH-18 exhibited RPD and recovery values within Pace's limits. No action was needed to qualify sample data.

4.2.7 Lab Control Standard/Lab Control Standard Duplicate

Lab Control Standard (LCS) and lab control standard duplicate (LCSD) recoveries and RPD values were all within Pace and data validation limits. No action was needed to qualify sample data.

4.2.8 Internal Standards

The laboratory certified that all required internal standard results met method criteria. No exceptions that affected the validated sample were noted in the case narrative. No action was needed to qualify sample data.

4.3 Field QC Results

No field blank or field duplicates were collected with sample MH-18. No action was needed to qualify sample data.

4.4 Data Usability

All semivolatile organic data for MH-18 was useable as reported without additional qualification.

5.0 1,4-DIOXANE

Pace utilized EPA method 3510C and 8270C for the determination of 1,4-dioxane. No deviations from these reference methods were apparent from the data reviewed. No action was needed to qualify sample data.

5.1 Completeness Assessment

The required method 8270 frequency for internal laboratory QC samples and calibration checks were met. All samples collected and indicated on the chain-of-custody form were analyzed.

No custody seals were present on the sample coolers for 8270 analysis and the chain-of-custody documentation was therefore not complete. However as no indication of cooler opening during transit was apparent, no action was taken to qualify sample data.

5.2 Compliance Assessment

5.2.1 Holding Times/Preservation

All samples were analyzed within the 7 day holding time. All samples were received within the acceptable 2-6 °C range. No action was needed to qualify sample data.

5.2.2 Initial Calibration/Tuning

All DFTPP tuning criteria and frequency for analysis were met each day samples were analyzed. No action was needed to qualify sample data.

A seven point calibration curve was analyzed on 11/14/16. The allowable 30 % relative standard deviation (rsd) EPA data validation criteria for initial calibration or the linear calibration curve coefficient was > 0.990 was met for 1,4-dioxane. The minimum Relative Response Factor (RRF) of > 0.05 used by EPA Region V and the QAPP for data validation as proof of acceptable system response was met for 1,4-dioxane. No action was needed to qualify sample data.

5.2.3 Continuing Calibration

All continuing calibration standards analyzed with the project samples were within the EPA Region V limit of < 30 % difference and RRF > 0.05 . No action was needed to qualify sample data.

5.2.4 Laboratory Blanks

No 1,4-dioxane was reported above the Method Detection Limit (MDL) in the lab blanks analyzed with the project samples. No action was needed to qualify sample data.

5.2.5 Surrogate Recoveries

Recovery of the semivolatile surrogates in all project samples were within Pace and method limits in all project samples. No action was needed to qualify sample data.

5.2.6 Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Insufficient sample volume was provided for MS/MSD analysis of project samples. No action was taken to qualify sample data.

5.2.7 Laboratory Control Standard (LCS)/Lab Control Standard Duplicate (LCSD)

The LCS and LCSD standard analyzed for 1,4-dioxane does not include 1,4-dioxane as an analyte. No action was taken to qualify sample data.

5.2.8 Internal Standards

Internal standard area of the nearest internal standard used to quantify 1,4-dioxane (d_4 -1,4-dichlorobenzene) in all samples were within the limits of +50 % to -100 % and all retention times were within the \pm 30 second window. No action was needed to qualify sample data.

5.3 Field QC Results

No blanks were collected for the analysis of 1,4-dioxane. No field duplicate was collected. No action was needed to qualify sample data.

5.4 Data Usability

All 1,4-dioxane data was useable as reported without additional qualification.

If you have any questions regarding the qualification of data or the data validation process/criteria used, please contact me at (920) 469-9113.

Attachments:

Table 1
Validated Analytical Reports (hard copy)

cc: Gannett Fleming, Inc.

If you have any questions regarding the qualification of data or the data validation process/criteria used, please contact me at (920) 469-9113.

Attachments:

Table 1
Validated Analytical Reports (hard copy)

cc: Gannett Fleming, Inc.

Table 1 Sample Results Validated - Presto December 2016

SAMPLE ID	Volatiles SW846 8260B	dissolved cadmium 6010	1,4-dioxane 8270	PNA 8270	ICP Metals Ni, Zn, hardness 6010	Volatiles 524.2
MW-4A	x					
MW-4B	x					
MW-5A	x					
MW-5B	x					
MW-10A	x	x				
MW-10B	x	x				
MW-23A	x					
MW-23A DUP	x					
MW-23B	x					
MW-26B	x					
MW-34A		x	x			
MW-34B	x	x				
MW-34C	x					
MW-38B	x		x			
MW-45B	x					
MW-45B DUP	x					
MW-45C	x					
MW-52B			x			
MW-62AR	x					
MW-62B	x					
MW-65B	x					
MW-65C	x					
MW-66A	x					
MW-66B	x					
MW-66C	x					
MW-68A	x					
MW-68B	x	x	x			
MW-70A	x					
MW-70A DUP	x					
MW-70B	x	x				
MW-74A	x					
MW-74B	x					
MW-75		x				
MW-76A	x		x			
MW-76B	x					
MW-77A	x					
MW-77B	x		x			
MW-77C	x					
MW-77C DUP	x					
TB (12/6/15)	x					
TB (12/6/15)	x					
EC-1	x					
MH#18	x	x		x	x	
RW-2A	x					

Table 1 Sample Results Validated - Presto December 2016

SAMPLE ID	Volatiles SW846 8260B	dissolved cadmium 6010	1,4-dioxane 8270	PNA 8270	ICP Metals Ni, Zn, hardness 6010	Volatiles 524.2
RW-2B	x					
RW-2C	x					
RW-3A	x					
RW-3B	x					
RW-3C	x		x			
RW-15	x					
CW-16						x
CW-11						x
CW-19						x
CW-15						x
CW-17						x
TOWER A						x
TOWER B						x
RAW						x
FINISHED PRODUCT						x
RW-16			x			
EW-1R-76'	x					
EW-1R-86'	x					
EW-16-96'	x					
EW-2-81'	x					
EW-5-78'	x					
EW-5-88'	x					
EW-6	x	x				
EW-6 DUP	x	x				
EW-5-78'		x				
EW-5-88'		x				

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 1

WELL CONSTRUCTION INFORMATION

Well/Piezometer ID (description/comment)	Plume	Grid Coord.	FN	Drilling Method	Completion Date or Year	Screened Interval (ft bgs)	Screened In (description of material)	Casing Dia- meter (inches)	Well Top	Casing/ Screen Material	Top of Casing Elevation (ft MSL)	Date of Abandonment
CW-10 (city production well)	1/2	B8		CT	1945	65-95	Gravel	20		Bronze	--	NA
CW-11	1/2	B8		CT	1947	56-90	Gravel	20		Bronze	--	NA
CW-14	1/2	B8		CT	1968	63-99	Gravel packed	16		SS	--	NA
CW-15	1/2	B8		CT	1968	62-87	Gravel packed	16		SS	--	NA
CW-16	1/2	B8		CT	1975	75-110	Gravel	20		SS	--	NA
CW-17	1/2	B8		CT	1975	65-100	Gravel	20		SS	--	NA
CW-19	1/2	B7		CT	1992	72-97	Gravel	20		SS	--	NA
CW-22	1/2	C7		CT	2017	54-100	Gravel	20		SS	--	NA
CW-23	1/2	B7		CT	2017	55-80	Gravel	20		SS	--	NA
EC-1 (city monitoring well)	1/2	C7		--	12/16/82	90-100	--	4	P	Steel	813.95	NA
EC-2	1/2	C7		--	12/20/82	18-28	--	4	P	Steel	814.44	NA
EC-3	1/2	A8		--	12/23/82	53-75	--	6	P	Steel	799.58	09/04/08
EC-4	1/2	A8		--	01/31/83	9-19	--	4	P	Steel	800.84	09/04/08
EC-5	1/2	C7		--	12/23/82	17-27	--	4	P	Steel	813.56	NA
EC-6	1/2	C7		--	01/04/83	15-25	--	4	P	Steel	813.19	NA
EC-7 (approved for abandonment-kept by city)	1/2	B6		--	01/05/83	19-29	--	4	P	Steel	816.22	NA
EC-8	1/2	A7		--	01/07/83	20-30	--	4		Steel	812.93	09/04/08
EW-1 (fka MW-14)	3/4	L6	1	AR	03/05/87	62.5-97.5	Alluvium	5		Steel	896.00	08/25/95
EW-1R (replaced EW-1)	3/4	L6		HSA/CT	08/25/95	75-100	Alluvium	6	F	SS	900.08	NA
EW-2 (fka MW-15)	3/4	L6		AR	02/26/87	69-104	Alluvium	8	F	Steel	901.45	NA
EW-3 (Last sampled 7/22/03)	1/2	K8		MR	09/01/92	65.2-85.2	Alluvium	6	Vault	Steel	897.22	06/24/10
EW-4	1/2	K7		MR	09/03/92	72-92	Alluvium	6	Vault	Steel	898.23	10/14/10
EW-5	1/2	K7		MR	07/10/03	70-90	Alluvium	6	Vault	Steel/SS	889.90	NA
EW-6	1/2	K7		Sonic	08/06/11	70.3-100.3	Alluvium	6	Vault	Steel/SS	894.89	NA
MW-1	3/4	M8	2	HSA	10/26/76	39.5-49.5	Alluvium	2	P	PVC	910.26	NA
MW-2A	3/4	M7	2,4	HSA	10/27/76	45-55	Bedrock	2		PVC	905.19	07/15/88
MW-2B	3/4	M7	2	HSA	10/27/76	6-16	Alluvium	2		PVC	905.19	07/15/88
MW-3A	3/4	L7	2,4	HSA	10/28/76	69-72	Bedrock	2		PVC	899.95	07/15/88
MW-3B	3/4	L7	2,4	HSA	10/28/76	73-76	Bedrock	2		PVC	899.95	07/15/88
MW-3C	3/4	L7	2,4	HSA	10/28/76	77-80	Bedrock	2		PVC	899.95	07/15/88
MW-4A	1/2	K7	2	HSA	10/28/76	70-80	Alluvium	2	P	PVC	898.42	NA
MW-4B	1/2	K7		MR	05/24/90	95-105	Alluvium	2	P	PVC	894.39	NA
MW-5A	3/4	L6	2	HSA	02/27/84	64-81	Alluvium	2	P	PVC	902.60	NA
MW-5B	3/4	L6	2	MR	12/05/86	87-97	Alluvium	2	P	PVC	902.39	NA
MW-6	3/4	L6	2	HSA	01/10/85	73.8-88.8	Alluvium	2	P	PVC	904.70	NA
MW-7	3/4	M6	2,4	MR	01/08/85	62-77	Bedrock	2	P	PVC	897.73	NA
MW-8	3/4	M6	2	HSA	01/11/85	75-90	Alluvium	2	P	PVC	904.24	NA
MW-9A	3/4	L6	2	MR	03/28/85	80-90	Alluvium	2	P	PVC	905.30	NA
MW-9B	3/4	L6	2,4	HSA	03/28/85	98-113	Bedrock	2	P	PVC	905.30	NA
MW-10A	1/2	K8	4	HSA	11/14/86	56-71	Both	2	P	PVC	894.84	NA
MW-10B	1/2	K8	4	MR	11/14/86	90.5-100.5	Bedrock	2	P	PVC	894.91	NA
MW-11A	1/2	K7		HSA	11/15/86	58-73	Alluvium	2	P	PVC	896.03	NA
MW-11B	1/2	K7	4	MR	11/17/86	77-87	Bedrock	2	P	PVC	896.27	11/23/11
MW-12A	1/2	L7		HSA	11/18/86	58-73	Alluvium	2	P	PVC	897.09	NA
MW-12B	1/2	L7	4	MR	11/18/86	77.5-87.5	Bedrock	2	P	PVC	897.20	11/23/11
MW-13A	3/4	L7		HSA	11/21/86	58.5-73.5	Alluvium	2	P	PVC	896.86	NA
MW-13B	3/4	L7	4	HAS	11/21/86	81-91	Bedrock	2	P	PVC	?	11/23/11
MW-14 (nka EW-1)	3/4	L6	1	AR	03/05/87	62.5-97.5	Alluvium	2		Steel	896.00	03/05/87
MW-15 (nka EW-2)	3/4	L6		AR	02/26/87	69-104	Alluvium	2		Steel	895.81	02/26/87

TABLE 1

WELL CONSTRUCTION INFORMATION

Well/Piezometer ID (description/comment)	Plume	Grid Coord.	FN	Drilling Method	Completion Date or Year	Screened Interval (ft bgs)	Screened In (description of material)	Casing Dia- meter (inches)	Well Top Type	Casing/ Screen Material	Top of Casing Elevation (ft MSL)	Date of Abandonment
MW-16A	3/4	M7	4	HSA	11/25/86	58-73	Bedrock	2		PVC	896.62	08/21/98
MW-16B	3/4	M7	4	MR	11/24/86	83.5-93.5	Bedrock	2		PVC	896.51	08/21/98
MW-17	5	N7	4	HSA	12/03/86	25-40	Both	2	P	PVC	898.91	11/23/11
MW-17B	5	N7	4	HSA	12/04/86	50-60	Bedrock	2	P	PVC	899.12	11/23/11
MW-17C	5	N7	4	MR	05/20/88	70-80	Bedrock	2	P	PVC	899.50	11/23/11
MW-18	3/4	M7	4	HSA	05/19/88	58-73	Bedrock	2	P	PVC	898.38	NA
MW-19	5	N6	4	HSA	05/17/88	58-73	Bedrock	2	P	PVC	898.89	11/30/11
MW-20A	3/4	K6		HSA	05/25/88	65.5-80.5	Alluvium	2		PVC	897.82	04/15/95
MW-20B	3/4	K6		HSA	06/01/88	92-102	Alluvium	2		PVC	896.74	04/15/95
MW-21A	3/4	K7		HSA	05/23/88	67-82	Alluvium	2		PVC	899.27	04/07/10
MW-21B	3/4	K7		MR	05/20/88	92-102	Alluvium	2		PVC	898.95	04/07/10
MW-22A	3/4	K6		HSA	06/03/88	66.5-81.5	Alluvium	2	P	PVC	900.79	NA
MW-22B	3/4	K6		HSA	06/01/88	91.5-101.5	Alluvium	2	P	PVC	900.75	NA
MW-23A	1/2	J7		HSA	06/04/88	65-80	--	2	P	PVC	895.99	NA
MW-23B	1/2	J7		HSA	06/03/88	90-100	--	2	P	PVC	895.95	NA
MW-24A	3/4	M7	4	MR	05/25/88	45-60	Bedrock	2		PVC	915.66	09/05/08
MW-24B	3/4	M7	4	MR	05/23/88	70-80	Bedrock	2		PVC	915.57	09/05/08
MW-25	3/4	M8	4	HSA	05/17/88	39-54	Both	2		PVC	930.35	09/05/08
MW-26A	3/4	L5		HSA	06/22/89	63-78	Alluvium	2	F	PVC	890.17	NA
MW-26B	3/4	L5		MR	06/20/89	109-119	Alluvium	2	F	PVC	890.03	NA
MW-27A	3/4	L5		HSA	06/21/89	62-77	Alluvium	2	F	PVC	890.20	NA
MW-27B	3/4	L5		MR	06/20/89	85.3-95.3	Alluvium	2	F	PVC	890.15	NA
MW-28A	3/4	L4		HSA	06/08/89	65-80	Alluvium	2		PVC	892.86	06/15/99
MW-28B	3/4	L4		MR	06/08/89	113-123	Alluvium	2		PVC	893.16	06/15/99
MW-29A	3/4	L3		HSA	05/25/89	69-84	Alluvium	2	P	PVC	892.72	NA
MW-29B	3/4	L3		MR	05/31/89	124-134	Alluvium	2	P	PVC	892.49	NA
MW-30A	5	M5		HSA	06/12/89	66-81	Alluvium	2		PVC	898.69	09/08/08
MW-30B	5	M5		MR	06/10/89	115-125	Alluvium	2		PVC	898.49	09/08/08
MW-31	1/2	J6		HSA	06/02/89	56-71	Alluvium	2		PVC	887.65	09/09/08
MW-32A	3/4	K6		HSA	06/23/89	59-74	Alluvium	2		PVC	887.83	04/08/95
MW-32B	3/4	K6		MR	06/21/89	90-100	Alluvium	2		PVC	887.77	04/08/95
MW-33A	1/2	J6		HSA	07/07/89	55-70	Alluvium	2		PVC	885.30	04/07/10
MW-33B	1/2	J6		MR	07/07/89	100-110	Alluvium	2		PVC	885.25	04/07/10
MW-34A (data per boring log)	1/2	K8		HSA	06/08/90	67-72	Alluvium	2	P	PVC	895.36	NA
MW-34B (data per boring log)	1/2	K8	4	MR	05/31/90	90-100	Both	2	P	PVC	895.28	NA
MW-34C	1/2	K8	4	--	--	?-102	Bedrock	2	P	PVC	895.25	NA
MW-35A	1/2	I7		HSA	05/31/90	59-74	Alluvium	2	P	PVC	888.28	NA
MW-35B	1/2	I7		MR	06/06/90	84-94	Alluvium	2	P	PVC	888.02	NA
MW-36A	1/2	I7		HSA	06/06/90	63.5-78.5	Alluvium	2	F	PVC	889.87	11/23/11
MW-36B	1/2	I7		MR	06/07/90	88.5-98.5	Alluvium	2	F	PVC	889.89	11/23/11
MW-37A	1/2	I7		HSA	12/18/90	55.7-70.7	Alluvium	2	F	PVC	885.55	NA
MW-37B	1/2	I7		HSA	02/12/91	68.5-73.5	Alluvium	2	F	PVC	885.27	NA
MW-38A	1/2	I8		HSA	12/16/90	54.5-69.5	Alluvium	2	F	PVC	884.89	NA
MW-38B	1/2	I8		HSA	02/05/91	97.5-107.5	Alluvium	2	F	PVC	884.82	NA
MW-38C	1/2	I8		MR	01/13/91	139.2-149.2	Alluvium	2	F	PVC	884.83	NA
MW-39A	1/2	J8		HSA	12/11/90	62.5-77.5	Alluvium	2	P	PVC	896.17	NA
MW-39B	1/2	J8		MR	01/26/91	114.8-124.8	Alluvium	2	P	PVC	896.38	11/29/11
MW-40A	1/2	H7		HSA	12/20/90	58-73	Alluvium	2		PVC	886.57	08/24/09
MW-40B	1/2	H7		MR	01/16/91	79-89	Alluvium	2		PVC	886.34	08/24/09
MW-41A	1/2	H8		HSA	12/19/90	56-71	Alluvium	2	F	PVC	884.04	NA
MW-41B	1/2	H8		MR	01/23/91	102.5-112.5	Alluvium	2	F	PVC	883.84	NA
MW-42A	1/2	G7		HSA	01/31/91	65.5-75.5	Alluvium	2	P	PVC	891.83	11/29/11

TABLE 1

WELL CONSTRUCTION INFORMATION

Well/Piezometer ID (description/comment)	Plume	Grid Coord.	FN	Drilling Method	Completion Date or Year	Screened Interval (ft bgs)	Screened In (description of material)	Casing Dia- meter (inches)	Well Top Type	Casing/ Screen Material	Top of Casing Elevation (ft MSL)	Date of Abandonment
MW-42B	1/2	G7		MR	01/17/91	74.5-84.5	Alluvium	2	P	PVC	891.32	11/29/11
MW-43A	1/2	H7		HSA	02/12/91	61-76	Alluvium	2	F	PVC	885.34	NA
MW-43B	1/2	H7		MR	02/11/91	107.5-117.5	Alluvium	2	F	PVC	885.35	NA
MW-44A	1/2	F6		HSA	08/20/91	62-67	Alluvium	2	F	PVC	885.35	08/25/15
MW-44B	1/2	F6		HSA	08/24/91	114-124	Alluvium	2	F	PVC	885.34	08/25/15
MW-45A	1/2	F6		HSA	08/21/91	63-78	Alluvium	2	F	PVC	886.20	NA
MW-45B	1/2	F6		MR	09/11/91	101-111	Alluvium	2	F	PVC	886.26	NA
MW-45C	1/2	F6		MR	08/26/91	134-144	Alluvium	2	F	PVC	886.05	NA
MW-46A (not found)	1/2	G7		HSA	08/22/91	60-75	Alluvium	2	P	PVC	885.46	NA
MW-46B (not found)	1/2	G7		MR	09/12/91	99.5-109.5	Alluvium	2	P	PVC	885.42	NA
MW-46C (not found)	1/2	G7		MR	08/28/91	134.3-144.3	Alluvium	2	P	PVC	885.38	NA
MW-47A	1/2	G7		HSA	08/23/91	60-75	Alluvium	2	P	PVC	888.39	NA
MW-47B	1/2	G7		MR	09/04/91	100-110	Alluvium	2	P	PVC	888.24	NA
MW-48A	1/2	E6		HSA	09/07/91	66.5-81.5	Alluvium	2	F	PVC	885.15	12/01/11
MW-48B	1/2	E6		MR	09/06/91	93-103	Alluvium	2	F	PVC	885.40	12/01/11
MW-49A	1/2	D6		HSA	09/10/91	78.5-91.5	Alluvium	2	F	PVC	883.04	NA
MW-49B	1/2	D6		MR	09/09/91	107-117	Alluvium	2	F	PVC	883.02	NA
MW-50A (not found)	1/2	F6		HSA	09/16/91	63.4-78.4	Alluvium	2	F	PVC	883.61	NA
MW-50B (not found)	1/2	F6		MR	09/15/91	95-105	Alluvium	2	F	PVC	883.57	NA
MW-51A	1/2	F6		HSA	09/17/91	63.5-78.5	Alluvium	2	F	PVC	884.02	NA
MW-51B	1/2	F6		MR	09/17/91	102-112	Alluvium	2	F	PVC	883.99	NA
MW-52A	1/2	F6		HSA	10/02/91	67.4-82.4	Alluvium	2	F	PVC	884.13	NA
MW-52B	1/2	F6		MR	10/02/91	113-123	Alluvium	2	F	PVC	884.12	NA
MW-53A	1/2	E6		HSA	10/05/91	76-91	Alluvium	2	F	PVC	887.93	NA
MW-53B	1/2	E6		MR	10/05/91	112-123	Alluvium	2	F	PVC	888.25	NA
MW-54A	1/2	D6		HSA	10/10/91	77-92	Alluvium	2	F	PVC	883.78	NA
MW-54B	1/2	D6		MR	10/11/91	112-122	Alluvium	2	F	PVC	883.87	NA
MW-54C	1/2	D6		MR	10/09/91	142-152	Alluvium	2	F	PVC	883.66	NA
MW-55A	1/2	D6		HSA	11/05/91	78-93	Alluvium	2	F	PVC	881.75	NA
MW-55B	1/2	D6		MR	11/26/91	118.5-128.5	Alluvium	2	F	PVC	882.08	NA
MW-55C	1/2	D6		MR	11/04/91	154-164	Alluvium	2	F	PVC	881.91	NA
MW-56A	1/2	E5		HSA	11/06/91	75.5-90.5	Alluvium	2		PVC	885.67	09/04/08
MW-56B	1/2	E5		MR	11/11/91	150-160	Alluvium	2		PVC	885.89	09/04/08
MW-57A	1/2	E6		HSA	11/23/91	76-91	Alluvium	2	F	PVC	886.31	NA
MW-57B	1/2	E6		MR	11/21/91	108-118	Alluvium	2	F	PVC	886.13	NA
MW-58A	1/2	D6		HSA	11/07/91	76-91	Alluvium	2	F	PVC	880.88	?
MW-58B	1/2	D6		MR	11/13/91	112-122	Alluvium	2	F	PVC	880.96	12/01/11
MW-59A (approved for abandonment, but can't find)	1/2	F6		HSA	11/08/91	62-77	Alluvium	2		PVC	882.00	NA
MW-59B (approved for abandonment, but can't find)	1/2	F6		MR	11/19/91	129-139	Alluvium	2		PVC	882.07	NA
MW-60A	1/2	D7		HSA	12/04/91	78.5-93.5	Alluvium	2	F	PVC	879.19	NA
MW-60B	1/2	D7		MR	12/08/91	104-114	Alluvium	2	F	PVC	879.09	NA
MW-61A	1/2	C6		HSA	12/05/91	78.5-93.5	Alluvium	2	F	PVC	879.37	NA
MW-61B	1/2	C6		MR	12/11/91	124-134	Alluvium	2	F	PVC	879.58	NA
MW-62A	3/4	L6		HSA	06/25/92	61-76	Alluvium	2		PVC	893.69	12/22/98
MW-62AR	3/4	L6		HSA	12/22/98	71-86	Alluvium	2	P	PVC	901.75	NA
MW-62B	3/4	L6		MR	06/30/92	96-106	Alluvium	2	P	PVC	901.79	NA
MW-62C	3/4	L6		MR	06/24/92	126.5-136.5	Alluvium	2	P	PVC	901.15	NA
MW-63A	3/4	M6		HSA	06/28/92	65-80	Alluvium	2	P	PVC	899.05	NA
MW-63B	3/4	M6		MR	06/27/92	95-105	Alluvium	2	P	PVC	899.13	NA
MW-64A	3/4	L6		HSA	07/08/92	63.5-78.5	Alluvium	2	P	PVC	894.89	05/08/14

TABLE 1

WELL CONSTRUCTION INFORMATION

Well/Piezometer ID (description/comment)	Plume	Grid Coord.	FN	Drilling Method	Completion Date or Year	Screened Interval (ft bgs)	Screened In (description of material)	Casing Dia- meter (inches)	Well Top Type	Casing/ Screen Material	Top of Casing Elevation (ft MSL)	Date of Abandonment
MW-64B	3/4	L6		MR	07/08/92	103.8-113.8	Alluvium	2	P	PVC	895.24	05/08/14
MW-64C	3/4	L6		MR	07/01/92	139-149	Alluvium	2	P	PVC	894.75	05/08/14
MW-65A	3/4	L6		HSA	07/02/92	60.4-75.4	Alluvium	2	P	PVC	891.68	NA
MW-65B	3/4	L6		MR	07/08/92	100-110	Alluvium	2	P	PVC	891.62	NA
MW-65C	3/4	L6		MR	07/07/92	133.9-143.9	Alluvium	2	P	PVC	891.77	NA
MW-66A	3/4	L6		HSA	06/27/92	66.5-81.5	Alluvium	2	P	PVC	900.53	NA
MW-66B	3/4	L6		MR	07/01/92	111-121	Alluvium	2	P	PVC	900.26	NA
MW-66C	3/4	L6		MR	06/27/92	150-160	Alluvium	2	P	PVC	900.43	NA
MW-67A	1/2	K7		HSA	06/22/92	61-76	Alluvium	2		PVC	895.96	09/22/10
MW-67B	1/2	K7		MR	07/09/92	77.8-82.8	Alluvium	2		PVC	895.79	09/22/10
MW-68A	1/2	J7		HSA	07/08/92	63.5-78.5	Alluvium	2	P	PVC	896.47	NA
MW-68B	1/2	J7		MR	06/19/92	97-107	Alluvium	2	P	PVC	896.77	NA
MW-69A	1/2	J8		HSA	07/09/92	65-80	Alluvium	2	P	PVC	898.02	NA
MW-69B	1/2	J8		MR	06/21/92	108.8-118.8	Alluvium	2	P	PVC	898.23	NA
MW-70A	1/2	K8		HSA	06/22/92	62-77	Alluvium	2	P	PVC	895.68	NA
MW-70B	1/2	K8		HSA	07/10/92	77-82	Alluvium	2	P	PVC	895.67	NA
MW-71A	1/2	K8		MR	06/17/92	57-72	Alluvium	2	P	PVC	894.70	NA
MW-71B	1/2	K8	4	MR	07/09/92	79-89	Both	2	P	PVC	894.89	11/23/11
MW-72	5	N7		HSA	09/09/98	34-49	Both	2	P	PVC	899.26	11/23/11
MW-73	5	N7		HSA	09/09/98	32-47	Both	2	P	PVC	899.71	11/23/11
MW-74A	1/2	J8		HSA	07/08/03	66-76	Alluvium	2	P	PVC	896.08	NA
MW-74B	1/2	J8	4	MR	07/09/03	95-100	Bedrock	2	P	PVC	895.88	NA
MW-75	1/2	K8	4	HSA	07/11/03	56-66	Bedrock	2	P	PVC	890.61	NA
MW-76A	1/2	K7		Sonic	09/22/10	65-80	Alluvium	2	F	PVC	894.80	NA
MW-76B	1/2	K7		Sonic	09/22/10	95-100	Alluvium	2	F	PVC	895.12	NA
MW-77A	1/2	K7		Sonic	09/22/10	65-80	Alluvium	2	F	PVC	895.22	NA
MW-77B	1/2	K7		Sonic	09/21/10	95-100	Alluvium	2	F	PVC	895.21	NA
MW-77C	1/2	K7		Sonic	09/21/10	115-120	Alluvium	2	F	PVC	895.18	NA
PW-1	1/2	K7		HSA	01/05/94	65-75	Alluvium	2		PVC	898.28	09/08/08
PW-2 (approved for aband.-kept for WL measurements)	1/2	K7		HSA	01/03/94	66-76	Alluvium	2		PVC	894.71	NA
PW-3	1/2	K7		HSA	07/12/94	69-79	Alluvium	2		PVC	898.83	06/15/96
PW-3R	1/2	K7		HSA	11/22/96	69-79	Alluvium	2	F	PVC	896.21	08/18/17
PW-4	1/2	K7		HSA	07/12/97	68-78	Alluvium	2		PVC	895.59	09/08/08
PW-5	1/2	K7		HSA	07/13/94	67-77	Alluvium	2		PVC	886.93	01/15/04
PW-67 (Owner: Joles)	5	M4		--	--	--	--	--		--	--	NA
PW-218 (Owner: Martens)	5	M4		--	--	--	--	--		--	--	NA
PW-230 (Owner: Ihlenfeld)	5	M4		--	--	--	--	--		--	--	NA
RW-1	1/2	F7		HSA	12/12/85	60.5-112.5	Alluvium	2		PVC	887.19	07/27/09
RW-2A	1/2	J7		HSA	01/03/86	69-79	Alluvium	2	P	PVC	897.18	NA
RW-2B	1/2	J7		HSA	01/04/86	91-101	Alluvium	2	P	PVC	896.78	NA
RW-2C	1/2	J7		HSA	12/15/85	108-118	Alluvium	2	P	PVC	897.57	NA
RW-3A	1/2	C6		HSA	12/19/85	79-89	Alluvium	2	P	PVC	881.78	NA
RW-3B	1/2	C6		HSA	01/07/86	96-106	Alluvium	2	P	PVC	881.48	NA
RW-3C	1/2	C6		HSA	01/05/86	108.5-118.5	Alluvium	2	P	PVC	881.30	NA
RW-4	1/2	H9	4	HSA	02/04/86	53-78	Both	2		PVC	884.65	09/10/08
RW-5 (approved for abandonment, but can't find)	1/2	D8		HSA	01/18/86	82-112	Alluvium	2		PVC	882.19	NA
RW-6	1/2	D7	4	HSA	02/11/86	78.5-103.5	Both	2		PVC	883.89	09/03/08
RW-7	1/2	H6		HSA	01/29/86	68-118	Alluvium	2		PVC	890.71	09/10/08
RW-8	1/2	G5		HSA	02/05/86	64-109	Alluvium	2		PVC	889.12	09/09/08
RW-9	1/2	D4		HSA	01/20/86	75.5-105.5	Alluvium	2		PVC	886.62	09/10/08

TABLE 1

WELL CONSTRUCTION INFORMATION

Well/Piezometer ID (description/comment)	Plume	Grid Coord.	FN	Drilling Method	Completion Date or Year	Screened Interval (ft bgs)	Screened In (description of material)	Casing Dia- meter (inches)	Well Top Type	Casing/ Screen Material	Top of Casing Elevation (ft MSL)	Date of Abandonment
RW-10	1/2	D6		HSA	07/21/87	70-120	Alluvium	2		PVC	888.28	09/04/08
RW-11	1/2	E5		HSA	07/21/87	65-120	Alluvium	2		PVC	890.45	09/03/08
RW-12	1/2	F6		HSA	07/22/87	60-120	Alluvium	2		PVC	891.01	07/27/09
RW-13	1/2	F8	4	HSA	08/11/87	65-75	Bedrock	2		PVC	885.57	09/03/08
RW-14	1/2	H7		HSA	07/24/87	54-114	Alluvium	2		PVC	888.06	07/27/09
RW-15	1/2	J7		HSA	07/24/87	52-92	Alluvium	2	P	PVC	874.76	NA
RW-16	1/2	G7		HSA	07/28/87	63-73	Alluvium	2	P	SS	888.87	NA
RW-16B	1/2	G7		HSA	02/06/91	103-113	Alluvium	2	P	PVC	889.66	NA
RW-16C	1/2	G7		MR	01/31/91	142.5-152.5	Alluvium	2	P	PVC	890.01	NA
RW-17 (approved for abandonment, but can't find)	1/2	G7		HSA	07/29/87	60-70	Alluvium	2		SS	890.24	NA
RW-18 (PW-6 on Indianhead property?)	--	--	3	HSA	07/29/87	62-72	Alluvium	2		SS	890.62	Unknown
RW-19	1/2	G7		HSA	07/30/87	60-70	Alluvium	2	P	SS	888.57	12/01/11
RW-20	1/2	G7		HSA	07/30/87	64-74	Alluvium	2		SS	889.43	05/15/95
RW-21	1/2	G6		HSA	07/31/87	63-73	Alluvium	2		SS	890.39	02/15/95
RW-22	1/2	G7		HSA	07/31/87	62-72	Alluvium	2	P	SS	887.42	12/01/11
RW-23 (not found)	1/2	H7		HSA	07/31/87	61-71	Alluvium	2		SS	890.30	NA
RW-24	1/2	E6		HSA	08/01/87	66-76	Alluvium	2		SS	886.52	09/04/08
RW-25 (approved for abandonment, but can't find)	1/2	G3	4	HSA	08/13/87	55-65	Bedrock	2		PVC	926.22	NA
WW-1	--	--		HSA	08/08/85	30-40	--	2		PVC	945.05	10/16/01
WW-2	--	--		HSA	08/10/85	57.5-67.5	--	2		PVC	900.53	NA
WW-3	3/4	K5		HSA	07/27/85	63.2-73.2	--	2		PVC	891.45	12/12/91
WW-3B	3/4	K5		MR	06/19/89	138.5-148.5	Alluvium	2		PVC	888.98	12/12/91
WW-4	--	--		HSA	08/07/85	70-80	--	2		PVC	904.18	07/26/06
WW-5	3/4	K4		HSA	08/01/85	69-79	--	2		PVC	892.55	09/09/08
WW-5P	3/4	K4		HSA	10/01/85	104-109	--	2		PVC	892.69	09/09/08
WW-6	1/2	I6		HSA	07/31/85	57.8-67.8	--	2		PVC	889.46	09/09/08
WW-7	1/2	I4		HSA	08/08/85	15-25	--	2		PVC	893.19	09/08/08
WW-8	3/4	J2		HSA	08/01/85	16.75-26.75	--	2		PVC	846.94	09/08/08
WW-9	3/4	N3		HSA	08/06/85	74.9-84.9	--	2		PVC	901.71	08/19/99
WW-9P	3/4	N3		HSA	07/25/85	105-115	--	2		PVC	901.63	08/19/99
WW-10	3/4	J6		HSA	10/02/85	60-70	--	2		PVC	889.10	05/07/99
WW-10P	3/4	J6		HSA	10/02/85	91.3-96.3	--	2		PVC	889.19	05/07/99
WW-11	5	N6		HSA	09/26/85	36.5-46.5	--	2		PVC	901.36	09/05/08
WW-11P	5	N6		HSA	09/30/85	72-77	--	2		PVC	901.16	09/05/08
WW-12 (not found)	3/4	J4		HSA	09/27/85	17-27	--	2		PVC	892.25	NA
WW-13	4	L5		HSA	10/01/85	67-77	--	2	P	PVC	905.45	11/29/11
WW-14	5	O4		HSA	05/07/85	70-80	--	2		PVC	899.72	09/10/08
WW-15	1/2	I8		HSA	10/03/85	53-63	Alluvium	2	P	PVC	882.61	NA
WW-15B	1/2	I8		HSA	02/06/91	95.6-105.6	Alluvium	2	F	PVC	879.97	11/23/11
WW-15C	1/2	I8		MR	02/01/91	137-147	Alluvium	2	F	PVC	879.76	11/23/11
WW-16	1/2	H8		HSA	10/02/86	57-67	--	2		PVC	885.63	09/10/08
WW-17	1/2	H5		HSA	10/01/85	13-23	--	2		PVC	887.21	09/08/08
WW-18	1/2	I5		HSA	10/01/85	16-26	--	2		PVC	890.84	09/08/08
WW-19	3/4	J3		HSA	09/28/85	20-30	--	2		PVC	894.02	11/30/11
Hallie Golf Course		110th Avenue		--	--	TD = 86	--	6.5		--	--	09/05/08
Don & Bonnie Berg		11265 16th Ave		--	--	TD = 73.4	--	4		--	--	09/09/08

TABLE 1

WELL CONSTRUCTION INFORMATION

NOTES:

Red font in the "Well/Piezometer ID" column indicates the well/piezometer is abandoned or lost/destroyed (109).

Purple font in the "Well/Piezometer ID" column indicates well is approved for abandonment (but 5 not found, EC-7 kept by City, and PW-2 kept for water level measurements).

Blue font in the "Plume" column indicates well not found (12).

Melby Rd. wells MW-62B/C and MW-5A/B and East Disposal Site wells MW-17A, MW-72, and MW-73 were resurveyed by Ayres in December 1998.

Site datum = Mean sea level (MSL)

AR = Air rotary

CT = Cable tool

CW = City production well

EC = City monitoring well

EW = NPI extraction well

F = Flush-mount well

FN = Footnote (see below)

HSA = Hollow stem auger

MR = Mud rotary

MW = NPI monitoring well

NA = Not abandoned

P = Pro top well

PW = NPI petroleum UST well

RW = EPA monitoring well

Screened Interval = Depth in feet below ground surface (ft bgs) of screened interval

SS = Stainless steel

WW = WDNR monitoring well

-- = Not available/unknown

FOOTNOTES:

(1) Converted to/replaced by EW-1R in August 1995.

(2) Pre-remedial investigation monitoring well.

(3) Well was lost/destroyed in year shown in "Date of Abandonment" column.

(4) Denotes a well screened in sandstone bedrock or both bedrock and alluvium (i.e., sand and gravel glacial outwash).

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 2A

EMISSION THRESHOLD INFO FROM TABLE A IN NR 445.07 FOR DETECTED VOCs IN SVE EXHAUST GAS SAMPLES

Hazardous Air Contaminant	Detected VOCs ^(1,2)			Emission Threshold ⁽³⁾ (lb/hr or lb/yr)	Time Period for Threshold	Control Requirement ⁽⁴⁾
	Main Bldg. SVE	MRDS SVE	MW-34/70 Area SVE			
Acetone	X	X	X	Not regulated	na	na
Benzene	X			228	Annual	LAER
2- Butanone (MEK)	X	X	X	Not regulated	na	na
Carbon disulfide	X			124,381	Annual	na
"	X			1.67	24-hr avg	na
Carbon tetrachloride	X			118	Annual	BACT
Chlorobenzene	X			2.47	24-hr avg	na
Chloroethane	X	X		14.2	24-hr avg	na
"	X	X		1,776,876	Annual	na
Chloroform	X			2.62	24-hr avg	na
"	X			77.3	Annual	BACT
Chloromethane	X			5.55	24-hr avg	na
1,1-Dichloroethane	X	X	X	21.7	24-hr avg	na
1,1-Dichloroethene	X			1.06	24-hr avg	na
1,2-Dichloroethene (combined)	X		X	42.6	24-hr avg	na
Ethylbenzene	X	X		23.3	24-hr avg	na
"	X	X		177,688	Annual	na
2-Hexanone	X			1.1	24-hr avg	na
Methylene chloride	X			9.33	24-hr avg	na
"	X			3,781	Annual	BACT
4-Methyl-2-pentanone (Methyl isobutyl ketone)	X			11	24-hr avg	na
Tetrachloroethene	X	X	X	9.11	24-hr avg	na
"	X	X	X	301	Annual	BACT
Toluene	X	X		71,075	Annual	na
"	X	X		10.1	24-hr avg	na
1,1,1-Trichloroethane	X	X	X	Not regulated	na	na
Trichloroethene	X	X	X	888	Annual	BACT
"	X	X	X	14.4	24-hr avg	na
Xylenes (mixtures and isomers, combined)	X	X		23.3	24-hr avg	na

NOTES:

Emission thresholds are in lb/hr or lb/yr based on time period shown.

NR 445.07 Table A thresholds are from Wisconsin Administrative Code updated March 2016, and the NR 406.04(2) emission limit for total VOCs is 5.7 lb/hr.

1,2-Dichloroethene = cis-1,2-Dichloroethene and trans-1,2-Dichloroethene concentrations, combined.

Xylenes = m&p-Xylene and o-Xylene concentrations, combined.

BACT = Best available control technology.

LAER = Lowest achievable emission rate.

na = Not applicable.

FOOTNOTES:

(1) For MRDS SVE - includes only those USEPA TCL VOCs historically detected at or above 0.1 µg/l in one or more samples, as shown.

(2) For MW-34/70 Area SVE - includes only those USEPA TCL VOCs historically detected at or above 0.1 µg/l in one or more samples.

(3) Listed thresholds are for emissions from stacks < 25 ft high.

(4) Control listed is required if emissions exceed threshold shown, unless other conditions are met.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 2B

SUMMARY OF AIR EMISSIONS FROM/TCE REMOVAL BY NPI SVE SYSTEMS (2013-2016)⁽¹⁾

Year	Main Building SVE ⁽²⁾				MRDS SVE ⁽³⁾				MW-34/70 Area SVE ⁽⁴⁾			
	TCE		Total VOCs		TCE		Total VOCs		TCE		Total VOCs	
	Hourly (lb/hr)	Annual (lb)	Hourly (lb/hr)	Annual (lb)	Hourly (lb/hr)	Annual (lb)	Hourly (lb/hr)	Annual (lb)	Hourly (lb/hr)	Annual (lb)	Hourly (lb/hr)	Annual (lb)
2013	NI	NI	NI	NI	NC	NC	0.0036	5.3	0.0035	13.7	0.0036	14.0
2014	NI	NI	NI	NI	NC	NC	0.0012	1.9	0.0011	5.1	0.0012	5.2
2015	0.00038	1.8	0.0033	16.2	NC	NC	0.00014	0.93	0.00075	3.4	0.00086	3.9
2016	0.00085	2.6	0.0035	10.1	NC	NC	0.00024	1.2	0.0013	5.7	0.0015	6.7

NOTES:

The exhaust gas from each of the three SVE systems is discharged directly into the atmosphere through a stack <25 feet high. SVE system exhaust gas samples were analyzed for the 34 volatile organic compounds (VOCs) on USEPA's target compound list (TCL) through 2015. Starting in 2016, exhaust gas samples were analyzed for:

TCE, TCA, PCE, and 1,1-DCA from the main building and MRDS SVE systems.

TCE from the MW-34/70 Area system.

NC = Not calculated because TCE was typically not detected in the MRDS SVE system exhaust gas.

NI = Not installed and operating.

DCA = 1,1,-Dichloroethane.

PCE = Tetrachloroethylene.

TCA = 1,1,1-Trichloroethane.

TCE = Trichloroethylene.

Total VOCs = Summation of detected TCL VOCs for 2013-2015.

Total VOCs = Summation of detected TCE, TCA, PCE, and 1,1-DCA in 2016 for the main building and MRDS SVE systems.

Total VOCs = TCE/0.85 in 2016 for the MW-34/70 Area SVE system, based on historical results.

FOOTNOTES:

(1) Hourly rates shown are the maximum estimated rate for the year. See Table 2A for compound-specific emission thresholds. The NR 406.04(2) emission limit for total VOCs is 5.7 lb/hr.

(2) The main building SVE system began full-time operation in January 2015.

(3) The MRDS system started a 6-month trial seasonal shut down on 12/06/16.

(4) The exhaust gas from the MW-34/70 area SVE system is sampled only annually and then typically during one of the warm summer months. Consequently, its total mass estimates are biased high.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 3

2017 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/20-22/2017		6/12-14/2017		08/28-29/2017		Depth to Water (ft)	Water Level Elevation (ft MSL)
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)		
Southwest Corner to the ECMWF (Plume 1/2)									
EW-5	889.90	67.30	822.60	66.98	822.92	65.97	823.93		0.00
EW-6	894.89	68.02	826.87	77.47	817.42	76.72	818.17		0.00
MW-4A	897.25	67.64	829.61	67.51	829.74	66.52	830.73		0.00
MW-4B	896.65	67.64	829.01	67.50	829.15	66.50	830.15		0.00
MW-10A	894.60	64.55	830.05	64.21	830.39	63.44	831.16		0.00
MW-10B	894.91	65.10	829.81	64.78	830.13	63.81	831.10		0.00
MW-11A	897.20	NM	NM	68.51	828.69	67.59	829.61		0.00
MW-23A	895.99	69.52	826.47	69.25	826.74	68.36	827.63		0.00
MW-23B	895.95	69.22	826.73	68.95	827.00	68.06	827.89		0.00
MW-34A	895.36	67.60	827.76	67.36	828.00	66.33	829.03		0.00
MW-34B	895.28	67.55	827.73	67.34	827.94	66.30	828.98		0.00
MW-34C	895.25	67.45	827.80	67.23	828.02	66.22	829.03		0.00
MW-35A	888.28	NM	NM	62.99	825.29	NM	NM		0.00
MW-35B	888.02	NM	NM	62.71	825.31	NM	NM		0.00
MW-37A	885.55	NM	NM	59.33	826.22	NM	NM		0.00
MW-37B	885.27	NM	NM	59.05	826.22	NM	NM		0.00
MW-38A	884.89	59.09	825.80	58.70	826.19	57.96	826.93		0.00
MW-38B	884.82	58.93	825.89	58.60	826.22	57.83	826.99		0.00
MW-38C	884.83	58.95	825.88	58.62	826.21	57.83	827.00		0.00
MW-39A	896.17	69.63	826.54	69.47	826.70	68.55	827.62		0.00
MW-41A	884.04	NM	NM	59.02	825.02	NM	NM		0.00
MW-41B	883.84	NM	NM	58.85	824.99	NM	NM		0.00
MW-43A	885.34	NM	NM	60.51	824.83	NM	NM		0.00
MW-43B	885.35	NM	NM	60.53	824.82	NM	NM		0.00
MW-45A	886.20	NM	NM	66.80	819.40	NM	NM		0.00
MW-45B	886.26	NM	NM	66.82	819.44	NM	NM		0.00
MW-45C	886.05	NM	NM	66.61	819.44	NM	NM		0.00
MW-47A	888.39	NM	NM	65.92	822.47	NM	NM		0.00
MW-47B	888.24	NM	NM	65.70	822.54	NM	NM		0.00
MW-49A	883.04	NM	NM	80.41	802.63	NM	NM		0.00
MW-49B	883.02	NM	NM	80.41	802.61	NM	NM		0.00
MW-51A	884.02	67.26	816.76	67.05	816.97	NM	NM		0.00
MW-51B	883.99	NM	NM	66.97	817.02	NM	NM		0.00
MW-52A	884.13	70.01	814.12	69.88	814.25	NM	NM		0.00
MW-52B	884.12	NM	NM	69.80	814.32	NM	NM		0.00
MW-53A	887.93	NM	NM	79.64	808.29	NM	NM		0.00
MW-53B	888.25	NM	NM	79.76	808.49	NM	NM		0.00
MW-54A	882.42	79.05	803.37	79.52	802.90	NM	NM		0.00

TABLE 3

2017 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/20-22/2017		6/12-14/2017		08/28-29/2017		Depth to Water (ft)	Water Level Elevation (ft MSL)
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)		
MW-54B	882.43	79.12	803.31	79.60	802.83	NM	NM		0.00
MW-54C	882.54	79.05	803.49	79.51	803.03	NM	NM		0.00
MW-55A	881.75	NM	NM	81.92	799.83	NM	NM		0.00
MW-55B	882.08	NM	NM	82.29	799.79	NM	NM		0.00
MW-55C	881.91	NM	NM	82.01	799.90	NM	NM		0.00
MW-57A	886.31	NM	NM	79.35	806.96	NM	NM		0.00
MW-57B	886.13	NM	NM	79.03	807.10	NM	NM		0.00
MW-60A	879.19	NM	NM	83.74	795.45	NM	NM		0.00
MW-60B	879.09	NM	NM	83.70	795.39	NM	NM		0.00
MW-61A	879.37	NM	NM	84.13	795.24	NM	NM		0.00
MW-61B	879.58	NM	NM	84.28	795.30	NM	NM		0.00
MW-68A	896.47	69.85	826.62	69.68	826.79	68.72	827.75		0.00
MW-68B	896.77	70.16	826.61	70.00	826.77	69.02	827.75		0.00
MW-69A	898.02	71.51	826.51	71.33	826.69	70.45	827.57		0.00
MW-69B	898.23	71.72	826.51	71.57	826.66	70.68	827.55		0.00
MW-70A	895.68	68.37	827.31	68.20	827.48	67.23	828.45		0.00
MW-70B	895.67	68.26	827.41	68.08	827.59	67.12	828.55		0.00
MW-71A	894.70	66.75	827.95	66.48	828.22	65.55	829.15		0.00
MW-74A	896.08	69.28	826.80	69.09	826.99	68.11	827.97		0.00
MW-74B	895.88	69.03	826.85	68.85	827.03	67.85	828.03		0.00
MW-75	890.61	57.44	833.17	56.78	833.83	56.02	834.59		0.00
MW-76A	894.80	67.90	826.90	67.92	826.88	66.93	827.87		0.00
MW-76B	895.12	68.25	826.87	68.27	826.85	67.25	827.87		0.00
MW-77A	895.22	68.43	826.79	68.26	826.96	67.29	827.93		0.00
MW-77B	895.21	68.40	826.81	68.23	826.98	67.27	827.94		0.00
MW-77C	895.18	68.35	826.83	68.19	826.99	67.21	827.97		0.00
PW-2	894.46	67.15	827.31	67.00	827.46	66.07	828.39		0.00
PW-3R	896.21	69.48	826.73	69.28	826.93	(2)	(2)	(2)	(2)
RW-2A	897.18	70.68	826.50	70.42	826.76	69.50	827.68		0.00
RW-2B	896.78	70.23	826.55	69.97	826.81	69.08	827.70		0.00
RW-2C	897.57	71.03	826.54	70.82	826.75	69.86	827.71		0.00
RW-3A	881.78	NM	NM	85.21	796.57	NM	NM		0.00
RW-3B	881.48	NM	NM	84.88	796.60	NM	NM		0.00
RW-3C	881.30	NM	NM	84.70	796.60	NM	NM		0.00
RW-15	874.76	64.06	810.70	63.69	811.07	62.94	811.82		0.00
RW-16	888.87	NM	NM	65.82	823.05	NM	NM		0.00
RW-16B	889.66	NM	NM	66.64	823.02	NM	NM		0.00
RW-16C	890.01	NM	NM	66.97	823.04	NM	NM		0.00
WW-15	882.61	57.18	825.43	56.90	825.71	56.10	826.51		0.00
Melby Road Disposal Site Area to Lake Hallie (Plumes 3/4)									
EW-1R	900.08	72.99	827.09	72.72	827.36	71.67	828.41		0.00
EW-2	901.46	74.13	827.33	73.88	827.58	72.81	828.65		0.00

TABLE 3

2017 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/20-22/2017		6/12-14/2017		08/28-29/2017		Depth to Water (ft)	Water Level Elevation (ft MSL)
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)		
MW-1	910.26	42.34	867.92	40.13	870.13	39.00	871.26		0.00
MW-5A	902.60	75.09	827.51	74.80	827.80	73.78	828.82		0.00
MW-5B	902.39	74.92	827.47	74.63	827.76	73.62	828.77		0.00
MW-6	904.70	77.33	827.37	77.07	827.63	76.13	828.57		0.00
MW-7	897.73	67.03	830.70	66.55	831.18	65.56	832.17		0.00
MW-8	904.24	76.30	827.94	75.93	828.31	75.01	829.23		0.00
MW-9A	905.30	77.62	827.68	77.31	827.99	76.37	828.93		0.00
MW-9B	905.30	77.80	827.50	77.49	827.81	76.54	828.76		0.00
MW-12A	896.95	67.85	829.10	67.52	829.43	66.50	830.45		0.00
MW-13A	896.72	68.13	828.59	67.79	828.93	66.76	829.96		0.00
MW-18	898.38	63.68	834.70	62.97	835.41	62.23	836.15		0.00
MW-22A	900.79	73.75	827.04	73.53	827.26	72.60	828.19		0.00
MW-22B	900.75	73.94	826.81	73.71	827.04	72.28	828.47		0.00
MW-26A	890.17	NM	NM	64.44	825.73	NM	NM		0.00
MW-26B	890.03	NM	NM	64.62	825.41	NM	NM		0.00
MW-27A	890.20	NM	NM	65.90	824.30	NM	NM		0.00
MW-27B	890.15	NM	NM	65.86	824.29	NM	NM		0.00
MW-29A	892.72	NM	NM	73.83	818.89	NM	NM		0.00
MW-29B	892.49	NM	NM	73.44	819.05	NM	NM		0.00
MW-62AR	901.69	74.36	827.33	73.98	827.71	72.54	829.15		0.00
MW-62B	901.79	74.45	827.34	74.12	827.67	73.16	828.63		0.00
MW-62C	901.15	73.86	827.29	73.48	827.67	73.06	828.09		0.00
MW-63A	902.59	74.72	827.87	74.43	828.16	73.41	829.18		0.00
MW-63B	902.12	74.26	827.86	73.98	828.14	72.94	829.18		0.00
MW-65A	891.68	64.40	827.28	64.03	827.65	63.12	828.56		0.00
MW-65B	891.62	64.33	827.29	63.95	827.67	63.05	828.57		0.00
MW-65C	891.77	64.49	827.28	64.10	827.67	63.20	828.57		0.00
MW-66A	900.53	73.26	827.27	72.97	827.56	71.98	828.55		0.00
MW-66B	900.26	72.98	827.28	72.67	827.59	71.70	828.56		0.00
MW-66C	900.43	73.18	827.25	72.85	827.58	71.88	828.55		0.00
Eau Claire Municipal Well Field (ECMWF)									
EC-1	813.95	20.49	793.46	23.32	790.63	24.85	789.10		0.00
EC-2	814.44	NM	NM	24.03	790.41	NM	NM		0.00
EC-5	813.56	NM	NM	23.31	790.25	NM	NM		0.00
EC-6	813.19	NM	NM	23.35	789.84	NM	NM		0.00

NOTE:

NM = Not measured.

FOOTNOTES:

(1) Wells that cannot be located are not shown including MW-46A/B/C, MW-50A/B, MW59A, RW-18, and RW-23.

(2) Abandoned.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 3

2016 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/21-22/2016		6/13--6/15/2016		08/29-8/30/2016		12/05-12/07/2016	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
Southwest Corner to the ECMWF (Plume 1/2)									
EW-5	889.90	62.20	827.70	61.86	828.04	61.18	828.72	67.01	822.89
EW-6	894.89	85.88	809.01	86.85	808.04	87.92	806.97	88.74	806.15
MW-4A	897.25	69.70	827.55	69.45	827.80	68.65	828.60	67.54	829.71
MW-4B	896.65	69.68	826.97	69.43	827.22	68.63	828.02	67.52	829.13
MW-10A	894.60	65.98	828.62	65.83	828.77	65.18	829.42	64.30	830.30
MW-10B	894.91	66.92	827.99	66.67	828.24	65.95	828.96	64.90	830.01
MW-11A	896.76	69.52	827.24	69.25	827.51	68.52	828.24	NM	NM
MW-23A	895.99	71.48	824.51	71.20	824.79	70.42	825.57	69.32	826.67
MW-23B	895.95	71.18	824.77	70.90	825.05	70.14	825.81	69.03	826.92
MW-34A	895.36	69.67	825.69	69.42	825.94	68.61	826.75	67.48	827.88
MW-34B	895.28	69.59	825.69	69.33	825.95	68.55	826.73	67.41	827.87
MW-34C	895.25	69.47	825.78	69.22	826.03	68.45	826.80	67.31	827.94
MW-35A	888.28	NM	NM	64.90	823.38	NM	NM	NM	NM
MW-35B	888.02	NM	NM	64.63	823.39	NM	NM	NM	NM
MW-37A	885.55	NM	NM	61.34	824.21	NM	NM	NM	NM
MW-37B	885.27	NM	NM	61.15	824.12	NM	NM	NM	NM
MW-38A	884.89	61.04	823.85	60.74	824.15	59.96	824.93	58.93	825.96
MW-38B	884.82	60.90	823.92	60.60	824.22	59.83	824.99	58.80	826.02
MW-38C	884.83	60.88	823.95	60.60	824.23	59.85	824.98	58.78	826.05
MW-39A	896.17	71.67	824.50	71.39	824.78	70.70	825.47	69.53	826.64
MW-41A	884.04	NM	NM	60.93	823.11	NM	NM	NM	NM
MW-41B	883.84	NM	NM	60.76	823.08	NM	NM	NM	NM
MW-43A	885.34	NM	NM	62.48	822.86	NM	NM	NM	NM
MW-43B	885.35	NM	NM	62.44	822.91	NM	NM	NM	NM
MW-44A	885.35	NM	NM	(2)	(2)	(2)	(2)	(2)	(2)
MW-44B	885.24	NM	NM	(2)	(2)	(2)	(2)	(2)	(2)
MW-45A	886.20	NM	NM	68.49	817.71	NM	NM	66.93	819.27
MW-45B	886.26	NM	NM	68.52	817.74	NM	NM	66.98	819.28
MW-45C	886.05	NM	NM	68.31	817.74	NM	NM	66.78	819.27
MW-47A	888.39	NM	NM	67.74	820.65	NM	NM	NM	NM
MW-47B	888.24	NM	NM	67.55	820.69	NM	NM	NM	NM
MW-49A	883.04	NM	NM	81.23	801.81	NM	NM	NM	NM
MW-49B	883.02	NM	NM	81.25	801.77	NM	NM	NM	NM
MW-51A	884.02	NM	NM	68.68	815.34	NM	NM	NM	NM
MW-51B	883.99	NM	NM	68.59	815.40	NM	NM	NM	NM
MW-52A	884.13	NM	NM	71.35	812.78	NM	NM	NM	NM
MW-52B	884.12	NM	NM	71.29	812.83	70.92	813.20	69.78	814.34
MW-53A	887.93	NM	NM	80.85	807.08	NM	NM	NM	NM
MW-53B	888.25	NM	NM	80.92	807.33	NM	NM	NM	NM

TABLE 3

2016 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/21-22/2016		6/13--6/15/2016		08/29-8/30/2016		12/05-12/07/2016	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
MW-54A	883.78	NM	NM	81.50	802.28	NM	NM	NM	NM
MW-54B	883.87	NM	NM	81.52	802.35	NM	NM	NM	NM
MW-54C	883.66	NM	NM	81.55	802.11	NM	NM	NM	NM
MW-55A	881.75	NM	NM	82.50	799.25	NM	NM	NM	NM
MW-55B	882.08	NM	NM	82.85	799.23	NM	NM	NM	NM
MW-55C	881.91	NM	NM	82.58	799.33	NM	NM	NM	NM
MW-57A	886.31	NM	NM	80.43	805.88	NM	NM	NM	NM
MW-57B	886.13	NM	NM	80.13	806.00	NM	NM	NM	NM
MW-60A	879.19	NM	NM	83.76	795.43	NM	NM	NM	NM
MW-60B	879.09	NM	NM	83.69	795.40	NM	NM	NM	NM
MW-61A	879.37	NM	NM	84.08	795.29	NM	NM	NM	NM
MW-61B	879.58	NM	NM	84.24	795.34	NM	NM	NM	NM
MW-68A	896.47	71.86	824.61	71.62	824.85	70.83	825.64	69.73	826.74
MW-68B	896.77	72.18	824.59	71.90	824.87	71.17	825.60	70.06	826.71
MW-69A	898.02	73.55	824.47	73.28	824.74	72.50	825.52	71.41	826.61
MW-69B	898.23	73.78	824.45	73.52	824.71	72.71	825.52	71.64	826.59
MW-70A	895.68	70.42	825.26	70.21	825.47	69.42	826.26	68.25	827.43
MW-70B	895.67	70.30	825.37	70.08	825.59	69.30	826.37	68.13	827.54
MW-71A	894.70	68.75	825.95	68.47	826.23	67.75	826.95	66.59	828.11
MW-74A	896.08	71.29	824.79	71.03	825.05	70.25	825.83	69.15	826.93
MW-74B	895.88	71.04	824.84	70.77	825.11	70.00	825.88	68.90	826.98
MW-75	890.61	59.81	830.80	58.63	831.98	57.93	832.68	57.01	833.60
MW-76A	894.80	70.08	824.72	69.83	824.97	69.06	825.74	67.93	826.87
MW-76B	895.12	70.43	824.69	70.18	824.94	69.41	825.71	68.26	826.86
MW-77A	895.22	70.45	824.77	70.15	825.07	69.38	825.84	68.30	826.92
MW-77B	895.21	70.42	824.79	70.12	825.09	69.38	825.83	68.26	826.95
MW-77C	895.18	70.38	824.80	70.08	825.10	69.34	825.84	68.25	826.93
PW-2	894.46	69.25	825.21	68.98	825.48	68.23	826.23	67.05	827.41
PW-3R	896.21	71.44	824.77	71.12	825.09	70.47	825.74	69.80	826.41
RW-2A	897.18	72.60	824.58	72.34	824.84	71.55	825.63	70.45	826.73
RW-2B	896.78	72.18	824.60	71.88	824.90	71.13	825.65	70.00	826.78
RW-2C	897.57	73.00	824.57	72.72	824.85	71.94	825.63	70.85	826.72
RW-3A	881.78	NM	NM	85.30	796.48	NM	NM	84.33	797.45
RW-3B	881.48	NM	NM	84.97	796.51	NM	NM	83.98	797.50
RW-3C	881.30	NM	NM	84.79	796.51	85.43	795.87	83.81	797.49
RW-15	874.76	66.03	808.73	65.75	809.01	64.98	809.78	63.90	810.86
RW-16	888.87	NM	NM	67.65	821.22	67.01	821.86	66.10	822.77
RW-16B	889.66	NM	NM	68.50	821.16	NM	NM	NM	NM
RW-16C	890.01	NM	NM	68.82	821.19	NM	NM	NM	NM
WW-15	882.61	59.15	823.46	58.81	823.80	58.18	824.43	57.05	825.56
Melby Road Disposal Site Area to Lake Hallie (Plumes 3/4)									
EW-1R	900.08	60.00	840.08	63.83	836.25	63.05	837.03	61.94	838.14
EW-2	901.46	76.00	825.46	75.81	825.65	74.98	826.48	73.83	827.63

TABLE 3

2016 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/21-22/2016		6/13--6/15/2016		08/29-8/30/2016		12/05-12/07/2016	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
MW-1	910.26	43.24	867.02	42.38	867.88	42.05	868.21	40.90	869.36
MW-5A	902.60	76.94	825.66	76.64	825.96	75.92	826.68	74.78	827.82
MW-5B	902.39	76.77	825.62	76.49	825.90	75.78	826.61	74.60	827.79
MW-6	904.70	79.24	825.46	78.97	825.73	78.23	826.47	77.08	827.62
MW-7	897.73	68.50	829.23	68.23	829.50	67.65	830.08	66.52	831.21
MW-8	904.24	78.13	826.11	77.91	826.33	NM	NM	75.98	828.26
MW-9A	905.30	79.46	825.84	79.24	826.06	NM	NM	77.33	827.97
MW-9B	905.30	79.64	825.66	79.42	825.88	NM	NM	77.48	827.82
MW-12A	896.95	69.63	827.32	69.41	827.54	68.67	828.28	67.47	829.48
MW-13A	896.72	70.02	826.70	69.78	826.94	69.02	827.70	67.75	828.97
MW-18	898.38	64.68	833.70	64.41	833.97	63.96	834.42	63.06	835.32
MW-22A	900.79	75.68	825.11	75.42	825.37	74.73	826.06	73.53	827.26
MW-22B	900.75	75.82	824.93	75.58	825.17	74.90	825.85	73.71	827.04
MW-26A	890.17	NM	NM	66.23	823.94	NM	NM	64.35	825.82
MW-26B	890.03	NM	NM	66.03	824.00	NM	NM	64.50	825.53
MW-27A	890.20	NM	NM	67.26	822.94	NM	NM	NM	NM
MW-27B	890.15	NM	NM	67.20	822.95	NM	NM	NM	NM
MW-29A	892.72	NM	NM	74.48	818.24	NM	NM	NM	NM
MW-29B	892.49	NM	NM	74.15	818.34	NM	NM	NM	NM
MW-62AR	901.69	76.20	825.49	75.95	825.74	75.20	826.49	74.05	827.64
MW-62B	901.79	76.31	825.48	76.06	825.73	75.31	826.48	74.14	827.65
MW-62C	901.15	75.67	825.48	75.44	825.71	74.68	826.47	73.50	827.65
MW-63A	902.59	76.58	826.01	76.36	826.23	75.57	827.02	74.38	828.21
MW-63B	902.12	76.12	826.00	75.82	826.30	75.10	827.02	73.92	828.20
MW-65A	891.68	66.22	825.46	65.96	825.72	65.17	826.51	64.05	827.63
MW-65B	891.62	66.13	825.49	65.88	825.74	65.09	826.53	63.98	827.64
MW-65C	891.77	66.27	825.50	66.02	825.75	65.23	826.54	64.14	827.63
MW-66A	900.53	75.14	825.39	74.90	825.63	74.14	826.39	72.98	827.55
MW-66B	900.26	74.83	825.43	74.61	825.65	73.84	826.42	72.68	827.58
MW-66C	900.43	75.03	825.40	74.77	825.66	74.04	826.39	72.85	827.58
Eau Claire Municipal Well Field (ECMWF)									
EC-1	813.95	22.51	791.44	22.25	791.70	23.53	790.42	21.34	792.61
EC-2	814.44	NM	NM	23.02	791.42	NM	NM	NM	NM
EC-5	813.56	NM	NM	22.58	790.98	NM	NM	NM	NM
EC-6	813.19	NM	NM	21.79	791.40	NM	NM	NM	NM

NOTE:

NM = Not measured.

FOOTNOTES:

(1) Wells that cannot be located are not shown including MW-46A/B/C, MW-50A/B, MW59A, RW-18, and RW-23.

(2) Abandoned.

TABLE 3

2015 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/23-25/2015		6/15--6/17/2015		09/22-9/23/2015		12/7-12/9/2015	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
Southwest Corner to the ECMWF (Plume 1/2)									
EW-5	889.90	NM	NM	69.94	819.96	NM	NM	62.50	827.40
EW-6	894.89	93.96	800.93	85.38	809.51	85.20	809.69	84.93	809.96
MW-4A	897.25	70.60	826.65	71.28	825.97	70.70	826.55	70.07	827.18
MW-4B	896.65	70.59	826.06	71.30	825.35	70.69	825.96	70.05	826.60
MW-10A	894.60	66.89	827.71	67.36	827.24	66.74	827.86	66.25	828.35
MW-10B	894.91	67.91	827.00	68.50	826.41	67.95	826.96	67.30	827.61
MW-11A	896.76	70.48	826.28	71.00	825.76	70.43	826.33	69.82	826.94
MW-23A	895.99	72.33	823.66	72.97	823.02	72.46	823.53	71.82	824.17
MW-23B	895.95	72.04	823.91	72.68	823.27	72.17	823.78	74.12	821.83
MW-34A	895.36	70.57	824.79	71.24	824.12	70.75	824.61	70.04	825.32
MW-34B	895.28	70.50	824.78	71.15	824.13	70.65	824.63	69.95	825.33
MW-34C	895.25	70.40	824.85	71.07	824.18	70.55	824.70	68.85	826.40
MW-35A	888.28	NM	NM	66.52	821.76	NM	NM	NM	NM
MW-35B	888.02	NM	NM	66.23	821.79	NM	NM	NM	NM
MW-37A	885.55	NM	NM	62.97	822.58	NM	NM	NM	NM
MW-37B	885.27	NM	NM	62.70	822.57	NM	NM	NM	NM
MW-38A	884.89	62.85	822.04	62.44	822.45	62.16	822.73	61.40	823.49
MW-38B	884.82	61.72	823.10	68.28	816.54	61.90	822.92	61.27	823.55
MW-38C	884.83	61.73	823.10	62.29	822.54	61.90	822.93	61.27	823.56
MW-39A	896.17	72.51	823.66	73.15	823.02	72.72	823.45	72.03	824.14
MW-41A	884.04	NM	NM	62.52	821.52	NM	NM	NM	NM
MW-41B	883.84	NM	NM	62.35	821.49	NM	NM	NM	NM
MW-43A	885.34	NM	NM	64.03	821.31	NM	NM	NM	NM
MW-43B	885.35	NM	NM	64.00	821.35	NM	NM	NM	NM
MW-44A	885.35	NM	NM	68.46	816.89	NM	NM	NM	NM
MW-44B	885.24	NM	NM	68.46	816.78	NM	NM	NM	NM
MW-45A	886.20	NM	NM	69.78	816.42	69.59	816.61	69.08	817.12
MW-45B	886.26	NM	NM	69.81	816.45	NM	NM	69.12	817.14
MW-45C	886.05	NM	NM	69.61	816.44	NM	NM	68.92	817.13
MW-47A	888.39	NM	NM	69.16	819.23	NM	NM	NM	NM
MW-47B	888.24	NM	NM	68.96	819.28	NM	NM	NM	NM
MW-49A	883.04	81.49	801.55	82.08	800.96	NM	NM	NM	NM
MW-49B	883.02	81.50	801.52	82.10	800.92	NM	NM	NM	NM
MW-51A	884.02	69.34	814.68	69.87	814.15	NM	NM	NM	NM
MW-51B	883.99	69.29	814.70	69.80	814.19	NM	NM	NM	NM
MW-52A	884.13	71.87	812.26	72.49	811.64	NM	NM	NM	NM
MW-52B	884.12	71.94	812.18	72.44	811.68	NM	NM	NM	NM
MW-53A	887.93	81.20	806.73	81.82	806.11	NM	NM	NM	NM
MW-53B	888.25	81.28	806.97	81.89	806.36	NM	NM	NM	NM
MW-54A	883.78	81.74	802.04	82.30	801.48	NM	NM	NM	NM
MW-54B	883.87	81.79	802.08	82.38	801.49	NM	NM	NM	NM
MW-54C	883.66	81.80	801.86	82.39	801.27	NM	NM	NM	NM

TABLE 3

2015 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/23-25/2015		6/15--6/17/2015		09/22-9/23/2015		12/7-12/9/2015	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
MW-55A	881.75	82.73	799.02	83.27	798.48	NM	NM	NM	NM
MW-55B	882.08	83.09	798.99	83.61	798.47	NM	NM	NM	NM
MW-55C	881.91	82.83	799.08	83.37	798.54	NM	NM	NM	NM
MW-57A	886.31	80.75	805.56	81.37	804.94	NM	NM	NM	NM
MW-57B	886.13	80.49	805.64	81.06	805.07	NM	NM	NM	NM
MW-60A	879.19	NM	NM	84.48	794.71	NM	NM	NM	NM
MW-60B	879.09	NM	NM	84.28	794.81	NM	NM	NM	NM
MW-61A	879.37	NM	NM	84.67	794.70	NM	NM	NM	NM
MW-61B	879.58	NM	NM	84.81	794.77	NM	NM	NM	NM
MW-68A	896.47	72.78	823.69	73.57	822.90	72.89	823.58	72.24	824.23
MW-68B	896.77	73.09	823.68	73.87	822.90	73.22	823.55	72.53	824.24
MW-69A	898.02	74.41	823.61	75.04	822.98	74.55	823.47	73.91	824.11
MW-69B	898.23	74.62	823.61	75.25	822.98	74.78	823.45	74.12	824.11
MW-70A	895.68	71.37	824.31	72.12	823.56	71.51	824.17	70.82	824.86
MW-70B	895.67	71.25	824.42	71.99	823.68	71.39	824.28	70.70	824.97
MW-71A	894.70	69.66	825.04	70.28	824.42	69.86	824.84	69.16	825.54
MW-74A	896.08	72.22	823.86	72.97	823.11	72.34	823.74	71.68	824.40
MW-74B	895.88	71.96	823.92	72.71	823.17	72.09	823.79	71.43	824.45
MW-75	890.61	60.08	830.53	60.54	830.07	59.73	830.88	59.16	831.45
MW-76A	894.80	70.93	823.87	71.64	823.16	71.12	823.68	70.48	824.32
MW-76B	895.12	71.29	823.83	72.00	823.12	71.45	823.67	70.81	824.31
MW-77A	895.22	71.34	823.88	71.97	823.25	71.42	823.80	70.79	824.43
MW-77B	895.21	71.32	823.89	71.96	823.25	71.42	823.79	70.76	824.45
MW-77C	895.18	71.30	823.88	71.92	823.26	71.37	823.81	70.71	824.47
PW-2	894.46	70.18	824.28	70.78	823.68	70.28	824.18	69.61	824.85
PW-3R	896.21	72.34	823.87	72.94	823.27	72.48	823.73	71.82	824.39
RW-2A	897.18	73.50	823.68	74.09	823.09	73.59	823.59	72.96	824.22
RW-2B	896.78	73.05	823.73	73.69	823.09	73.18	823.60	72.53	824.25
RW-2C	897.57	73.88	823.69	74.50	823.07	74.00	823.57	73.35	824.22
RW-3A	881.78	NM	NM	85.99	795.79	NM	NM	85.66	796.12
RW-3B	881.48	NM	NM	85.64	795.84	NM	NM	85.32	796.16
RW-3C	881.30	NM	NM	85.48	795.82	NM	NM	85.15	796.15
RW-15	874.76	66.88	807.88	67.47	807.29	67.08	807.68	66.40	808.36
RW-16	888.87	NM	NM	69.10	819.77	NM	NM	NM	NM
RW-16B	889.66	NM	NM	69.95	819.71	NM	NM	NM	NM
RW-16C	890.01	NM	NM	70.24	819.77	NM	NM	NM	NM
WW-15	882.61	59.95	822.66	60.50	822.11	60.14	822.47	59.51	823.10
Melby Road Disposal Site Area to Lake Hallie (Plumes 3/4)									
EW-1R	900.08	75.63	824.45	78.38	821.70	75.70	824.38	64.40	835.68
EW-2	901.46	76.77	824.69	94.16	807.30	76.84	824.62	NM	NM
MW-1	910.26	45.97	864.29	46.66	863.60	45.02	865.24	43.71	866.55
MW-5A	902.60	77.93	824.67	78.46	824.14	77.90	824.70	77.26	825.34
MW-5B	902.39	77.76	824.63	NM	NM	77.74	824.65	77.11	825.28

TABLE 3

2015 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/23-25/2015		6/15--6/17/2015		09/22-9/23/2015		12/7-12/9/2015	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
MW-6	904.70	80.17	824.53	80.74	823.96	80.23	824.47	79.58	825.12
MW-7	897.73	69.54	828.19	70.07	827.66	69.49	828.24	68.86	828.87
MW-8	904.24	79.10	825.14	79.64	824.60	79.12	825.12	78.50	825.74
MW-9A	905.30	80.40	824.90	80.97	824.33	80.44	824.86	79.83	825.47
MW-9B	905.30	80.58	824.72	81.16	824.14	80.64	824.66	80.00	825.30
MW-12A	896.95	70.65	826.30	71.20	825.75	70.70	826.25	69.97	826.98
MW-13A	896.72	71.10	825.62	71.65	825.07	71.13	825.59	70.38	826.34
MW-18	898.38	65.65	832.73	66.05	832.33	65.42	832.96	64.96	833.42
MW-22A	900.79	76.57	824.22	77.17	823.62	76.70	824.09	76.06	824.73
MW-22B	900.75	76.76	823.99	77.32	823.43	76.88	823.87	76.23	824.52
MW-26A	890.17	NM	NM	67.48	822.69	NM	NM	66.38	823.79
MW-26B	890.03	NM	NM	67.69	822.34	67.21	822.82	66.63	823.40
MW-27A	890.20	NM	NM	68.62	821.58	NM	NM	NM	NM
MW-27B	890.15	NM	NM	68.58	821.57	NM	NM	NM	NM
MW-29A	892.72	NM	NM	75.10	817.62	NM	NM	NM	NM
MW-29B	892.49	NM	NM	74.72	817.77	NM	NM	NM	NM
MW-62AR	901.69	77.18	824.51	77.66	824.03	77.17	824.52	76.50	825.19
MW-62B	901.79	77.28	824.51	77.82	823.97	77.30	824.49	76.64	825.15
MW-62C	901.15	76.65	824.50	77.19	823.96	76.66	824.49	76.03	825.12
MW-63A	902.59	77.53	825.06	78.10	824.49	77.54	825.05	76.92	825.67
MW-63B	902.12	77.10	825.02	77.66	824.46	77.04	825.08	76.46	825.66
MW-65A	891.68	67.18	824.50	67.71	823.97	67.20	824.48	66.54	825.14
MW-65B	891.62	67.08	824.54	67.65	823.97	67.12	824.50	66.47	825.15
MW-65C	891.77	67.24	824.53	67.80	823.97	67.27	824.50	66.61	825.16
MW-66A	900.53	76.11	824.42	76.63	823.90	76.14	824.39	75.48	825.05
MW-66B	900.26	75.82	824.44	76.34	823.92	75.85	824.41	75.19	825.07
MW-66C	900.43	76.00	824.43	76.53	823.90	76.02	824.41	75.35	825.08
Eau Claire Municipal Well Field (ECMWF)									
EC-1	813.95	NM	NM	22.81	791.14	23.72	790.23	22.55	791.40
EC-2	814.44	NM	22.34	23.55	790.89	NM	NM	NM	NM
EC-5	813.56	NM	0.00	23.11	790.45	NM	NM	NM	NM
EC-6	813.19	NM	0.00	22.34	790.85	NM	NM	NM	NM

NOTE:

NM = Not measured.

FOOTNOTE:

(1) Wells that cannot be located are not shown including MW-46A/B/C, MW-50A/B, MW59A, RW-18, and RW-23.

TABLE 3

2014 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	4/14-17/2014		6/16-19/2014		9/15-17/2014		12/1-3/2014	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
Southwest Corner to the ECMWF (Plume 1/2)									
EW-5	886.93	71.84	815.09	70.74	816.19	69.66	817.27	69.21	817.72
EW-6	894.89	89.73	805.16	91.56	803.33	92.26	802.63	93.92	800.97
MW-4A	897.25	72.29	824.96	72.00	825.25	70.75	826.50	70.31	826.94
MW-4B	896.65	72.28	824.37	71.97	824.68	70.72	825.93	70.25	826.40
MW-10A	894.60	68.08	826.52	67.64	826.96	66.77	827.83	67.44	827.16
MW-10B	894.91	69.45	825.46	69.17	825.74	68.00	826.91	67.59	827.32
MW-11A	896.76	71.94	824.82	71.56	825.20	70.33	826.43	70.00	826.76
MW-23A	895.99	74.03	821.96	73.72	822.27	72.43	823.56	71.90	824.09
MW-23B	895.95	73.88	822.07	73.42	822.53	72.14	823.81	71.61	824.34
MW-34A	895.36	72.22	823.14	71.95	823.41	70.75	824.61	70.27	825.09
MW-34B	895.28	72.16	823.12	71.90	823.38	70.68	824.60	70.20	825.08
MW-34C	895.25	72.08	823.17	71.82	823.43	70.59	824.66	70.09	825.16
MW-35A	888.28	67.52	820.76	67.22	821.06	NM	NM	NM	NM
MW-35B	888.02	67.27	820.75	66.99	821.03	NM	NM	NM	NM
MW-37A	885.55	NM	NM	63.73	821.82	NM	NM	NM	NM
MW-37B	885.27	NM	NM	63.45	821.82	NM	NM	NM	NM
MW-38A	884.89	63.52	821.37	63.20	821.69	61.91	822.98	61.37	823.52
MW-38B	884.82	63.35	821.47	63.50	821.32	61.76	823.06	61.22	823.60
MW-38C	884.83	63.36	821.47	63.50	821.33	61.77	823.06	61.22	823.61
MW-39A	896.17	74.21	821.96	73.91	822.26	72.65	823.52	72.08	824.09
MW-41A	884.04	63.38	820.66	63.25	820.79	NM	NM	NM	NM
MW-41B	883.84	63.53	820.31	63.10	820.74	NM	NM	NM	NM
MW-43A	885.34	65.04	820.30	64.80	820.54	NM	NM	NM	NM
MW-43B	885.35	65.03	820.32	64.75	820.60	NM	NM	NM	NM
MW-44A	885.35	NM	NM	69.13	816.22	NM	NM	NM	NM
MW-44B	885.24	NM	NM	69.11	816.13	NM	NM	NM	NM
MW-45A	886.20	70.73	815.47	70.47	815.73	NM	NM	68.67	817.53
MW-45B	886.26	70.76	815.50	70.50	815.76	NM	NM	68.69	817.57
MW-45C	886.05	70.56	815.49	70.28	815.77	NM	NM	68.50	817.55
MW-47A	888.39	NM	NM	69.80	818.59	NM	NM	NM	NM
MW-47B	888.24	NM	NM	69.64	818.60	NM	NM	NM	NM
MW-49A	883.04	NM	NM	NM	NM	NM	NM	NM	NM
MW-49B	883.02	NM	NM	NM	NM	NM	NM	NM	NM
MW-51A	884.02	NM	NM	70.51	813.51	NM	NM	NM	NM
MW-51B	883.99	70.76	813.23	70.50	813.49	NM	NM	NM	NM
MW-52A	884.13	73.43	810.70	73.21	810.92	NM	NM	NM	NM
MW-52B	884.12	73.37	810.75	73.14	810.98	NM	NM	NM	NM
MW-53A	887.93	NM	NM	82.48	805.45	NM	NM	NM	NM
MW-53B	888.25	82.80	805.45	82.56	805.69	NM	NM	NM	NM
MW-54A	883.78	NM	NM	82.86	800.92	NM	NM	NM	NM
MW-54B	883.87	83.26	800.61	82.89	800.98	NM	NM	NM	NM
MW-54C	883.66	83.26	800.40	82.92	800.74	NM	NM	NM	NM

TABLE 3

2014 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	4/14-17/2014		6/16-19/2014		9/15-17/2014		12/1-3/2014	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
MW-55A	881.75	NM	NM	83.64	798.11	NM	NM	NM	NM
MW-55B	882.08	84.50	797.58	84.01	798.07	NM	NM	NM	NM
MW-55C	881.91	84.23	797.68	83.74	798.17	NM	NM	NM	NM
MW-57A	886.31	NM	NM	81.79	804.52	NM	NM	NM	NM
MW-57B	886.13	NM	NM	81.68	804.45	NM	NM	NM	NM
MW-60A	879.19	NM	NM	84.60	794.59	NM	NM	NM	NM
MW-60B	879.09	NM	NM	84.51	794.58	NM	NM	NM	NM
MW-61A	879.37	NM	NM	84.89	794.48	NM	NM	NM	NM
MW-61B	879.58	NM	NM	85.05	794.53	NM	NM	NM	NM
MW-68A	896.47	74.59	821.88	74.31	822.16	73.03	823.44	72.58	823.89
MW-68B	896.77	74.87	821.90	74.60	822.17	73.33	823.44	72.85	823.92
MW-69A	898.02	76.12	821.90	75.80	822.22	74.53	823.49	73.97	824.05
MW-69B	898.23	76.31	821.92	76.02	822.21	74.71	823.52	74.17	824.06
MW-70A	895.68	73.13	822.55	72.88	822.80	71.61	824.07	71.15	824.53
MW-70B	895.67	73.02	822.65	72.75	822.92	71.48	824.19	71.03	824.64
MW-71A	894.70	71.31	823.39	71.05	823.65	69.84	824.86	NM	NM
MW-74A	896.08	74.03	822.05	73.74	822.34	72.47	823.61	71.97	824.11
MW-74B	895.88	73.78	822.10	73.48	822.40	72.23	823.65	71.72	824.16
MW-75	890.61	61.48	829.13	60.67	829.94	59.78	830.83	59.42	831.19
MW-76A	894.80	72.64	822.16	72.76	822.04	71.10	823.70	70.51	824.29
MW-76B	895.12	72.97	822.15	72.70	822.42	71.46	823.66	70.89	824.23
MW-77A	895.22	72.97	822.25	72.70	822.52	71.45	823.77	70.95	824.27
MW-77B	895.21	72.94	822.27	72.67	822.54	71.41	823.80	70.92	824.29
MW-77C	895.18	72.91	822.27	72.64	822.54	71.38	823.80	70.89	824.29
PW-2	894.46	71.79	822.67	71.46	823.00	70.19	824.27	NM	NM
PW-3R	896.21	73.97	822.24	73.66	822.55	72.37	823.84	71.87	824.34
RW-2A	897.18	73.15	824.03	74.82	822.36	73.58	823.60	73.02	824.16
RW-2B	896.78	74.72	822.06	74.40	822.38	73.13	823.65	72.58	824.20
RW-2C	897.57	75.57	822.00	75.22	822.35	73.96	823.61	73.39	824.18
RW-3A	881.78	86.86	794.92	86.29	795.49	NM	NM	84.86	796.92
RW-3B	881.48	86.55	794.93	85.93	795.55	NM	NM	84.52	796.96
RW-3C	881.30	86.36	794.94	85.75	795.55	NM	NM	84.34	796.96
RW-15	874.76	68.56	806.20	68.23	806.53	66.97	807.79	66.40	808.36
RW-16	888.87	70.12	818.75	69.83	819.04	NM	NM	NM	NM
RW-16B	889.66	70.95	818.71	70.68	818.98	NM	NM	NM	NM
RW-16C	890.01	71.27	818.74	70.98	819.03	NM	NM	NM	NM
WW-15	882.61	51.57	831.04	61.27	821.34	59.98	822.63	59.44	823.17
Melby Road Disposal Site Area to Lake Hallie (Plumes 3/4)									
EW-1R	900.08	NM	NM	76.87	823.21	75.60	824.48	NM	NM
EW-2	901.46	78.33	823.13	78.07	823.39	76.76	824.70	76.12	825.34
MW-1	910.26	47.86	862.40	47.39	862.87	44.91	865.35	44.89	865.37
MW-5A	902.60	79.42	823.18	79.12	823.48	77.84	824.76	77.22	825.38
MW-5B	902.39	79.24	823.15	78.97	823.42	77.60	824.79	77.08	825.31

TABLE 3

2014 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	4/14-17/2014		6/16-19/2014		9/15-17/2014		12/1-3/2014	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
MW-6	904.70	81.68	823.02	81.38	823.32	80.10	824.60	79.70	825.00
MW-7	897.73	70.87	826.86	70.51	827.22	69.40	828.33	68.94	828.79
MW-8	904.24	80.57	823.67	80.32	823.92	79.00	825.24	78.49	825.75
MW-9A	905.30	81.89	823.41	81.65	823.65	80.31	824.99	79.81	825.49
MW-9B	905.30	82.09	823.21	81.84	823.46	80.52	824.78	80.01	825.29
MW-12A	896.95	72.09	824.86	71.79	825.16	70.56	826.39	70.10	826.85
MW-13A	896.72	72.62	824.10	72.34	824.38	71.06	825.66	70.53	826.19
MW-18	898.38	66.56	831.82	66.20	832.18	65.38	833.00	65.16	833.22
MW-22A	900.79	78.20	822.59	77.87	822.92	76.62	824.17	76.02	824.77
MW-22B	900.75	78.37	822.38	78.04	822.71	76.78	823.97	76.21	824.54
MW-26A	890.17	68.18	821.99	67.85	822.32	NM	NM	66.39	823.78
MW-26B	890.03	68.35	821.68	68.08	821.95	NM	NM	66.58	823.45
MW-27A	890.20	69.14	821.06	68.92	821.28	NM	NM	NM	NM
MW-27B	890.15	69.07	821.08	68.84	821.31	NM	NM	NM	NM
MW-29A	892.72	NM	NM	75.21	817.51	NM	NM	NM	NM
MW-29B	892.49	NM	NM	74.82	817.67	NM	NM	NM	NM
MW-62AR	901.69	78.69	823.00	78.38	823.31	77.12	824.57	76.49	825.20
MW-62B	901.79	78.79	823.00	78.49	823.30	77.21	824.58	76.65	825.14
MW-62C	901.15	78.15	823.00	77.87	823.28	76.57	824.58	75.99	825.16
MW-63A	902.59	79.05	823.54	78.77	823.82	77.49	825.10	76.88	825.71
MW-63B	902.12	78.59	823.53	78.31	823.81	77.03	825.09	76.42	825.70
MW-64A	894.89	71.77	823.12	(2)	(2)	(2)	(2)	(2)	(2)
MW-64B	895.24	72.10	823.14	(2)	(2)	(2)	(2)	(2)	(2)
MW-64C	894.75	71.63	823.12	(2)	(2)	(2)	(2)	(2)	(2)
MW-65A	891.68	68.66	823.02	68.40	823.28	67.10	824.58	66.57	825.11
MW-65B	891.62	68.58	823.04	68.32	823.30	67.02	824.60	66.48	825.14
MW-65C	891.77	68.72	823.05	68.47	823.30	67.18	824.59	66.63	825.14
MW-66A	900.53	77.62	822.91	77.34	823.19	76.03	824.50	75.43	825.10
MW-66B	900.26	77.32	822.94	77.04	823.22	75.75	824.51	75.15	825.11
MW-66C	900.43	77.51	822.92	77.21	823.22	75.92	824.51	75.33	825.10
Eau Claire Municipal Well Field (ECMWF)									
EC-1	813.95	23.96	789.99	22.89	791.06	22.62	791.33	21.89	792.06
EC-2	814.44	24.72	789.72	23.64	790.80	23.38	791.06	NM	NM
EC-5	813.56	24.29	789.27	23.19	790.37	NM	NM	NM	NM
EC-6	813.19	23.52	789.67	22.45	790.74	NM	NM	NM	NM

NOTE:

NM = Not measured.

FOOTNOTES:

(1) Wells that cannot be located are not shown including MW-46A/B/C, MW-50A/B, MW59A, RW-18, and RW-23.

(2) Abandoned.

TABLE 3

2013 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	4/2-4/13		7/1-3/13		10/14-16/13		12/3-5/13	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
Southwest Corner to the ECMWF (Plume 1/2)									
EW-5	886.93	73.99	812.94	71.92	815.01	70.47	816.46	70.72	816.21
EW-6	894.89	87.54	807.35	87.02	807.87	85.26	809.63	85.69	809.20
MW-4A	897.25	73.05	824.20	72.48	824.77	71.01	826.24	71.28	825.97
MW-4B	896.65	73.93	822.72	72.46	824.19	71.00	825.65	71.25	825.40
MW-10A	894.60	69.13	825.47	67.86	826.74	66.95	827.65	67.23	827.37
MW-10B	894.91	70.96	823.95	69.60	825.31	68.21	826.70	68.47	826.44
MW-11A	896.76	73.50	823.26	71.97	824.79	70.68	826.08	70.95	825.81
MW-23A	895.99	75.61	820.38	74.08	821.91	72.69	823.30	72.93	823.06
MW-23B	895.95	75.29	820.66	73.80	822.15	72.41	823.54	72.65	823.30
MW-34A	895.36	73.78	821.58	72.41	822.95	70.97	824.39	71.23	824.13
MW-34B	895.28	73.71	821.57	72.38	822.90	70.89	824.39	71.17	824.11
MW-34C	895.25	73.70	821.55	72.31	822.94	70.81	824.44	71.06	824.19
MW-35A	888.28	69.27	819.01	67.71	820.57	66.32	821.96	66.35	821.93
MW-35B	888.02	69.01	819.01	67.42	820.60	66.03	821.99	66.30	821.72
MW-37A	885.55	65.66	819.89	64.07	821.48	62.73	822.82	53.04	832.51
MW-37B	885.27	65.38	819.89	63.82	821.45	62.48	822.79	Frozen	Frozen
MW-38A	884.89	65.18	819.71	63.59	821.30	62.19	822.70	62.43	822.46
MW-38B	884.82	65.03	819.79	63.44	821.38	62.05	822.77	62.31	822.51
MW-38C	884.83	65.03	819.80	63.47	821.36	62.04	822.79	62.30	822.53
MW-39A	896.17	75.85	820.32	74.31	821.86	72.87	823.30	73.18	822.99
MW-41A	884.04	65.33	818.71	63.70	820.34	62.35	821.69	NM	NM
MW-41B	883.84	65.14	818.70	63.54	820.30	62.17	821.67	NM	NM
MW-43A	885.34	66.80	818.54	65.23	820.11	63.86	821.48	NM	NM
MW-43B	885.35	66.81	818.54	65.22	820.13	63.85	821.50	NM	NM
MW-44A	885.35	71.11	814.24	69.73	815.62	68.40	816.95	NM	NM
MW-44B	885.24	71.11	814.13	69.70	815.54	68.38	816.86	NM	NM
MW-45A	886.20	72.40	813.80	71.02	815.18	69.73	816.47	NM	NM
MW-45B	886.26	73.48	812.78	71.09	815.17	69.77	816.49	NM	NM
MW-45C	886.05	72.20	813.85	70.88	815.17	69.58	816.47	NM	NM
MW-47A	888.39	71.90	816.49	70.41	817.98	69.01	819.38	NM	NM
MW-47B	888.24	71.70	816.54	70.21	818.03	68.85	819.39	NM	NM
MW-49A	883.04	83.89	799.15	82.58	800.46	82.56	800.48	NM	NM
MW-49B	883.02	83.91	799.11	82.59	800.43	82.60	800.42	NM	NM
MW-51A	884.02	72.39	811.63	71.11	812.91	69.88	814.14	NM	NM
MW-51B	883.99	72.35	811.64	71.12	812.87	69.80	814.19	NM	NM
MW-52A	884.13	74.95	809.18	73.70	810.43	72.57	811.56	NM	NM
MW-52B	884.12	74.91	809.21	73.63	810.49	72.50	811.62	NM	NM
MW-53A	887.93	84.02	803.91	82.72	805.21	82.03	805.90	NM	NM
MW-53B	888.25	84.10	804.15	82.83	805.42	82.12	806.13	NM	NM
MW-54A	883.78	84.21	799.57	82.90	800.88	82.80	800.98	NM	NM
MW-54B	883.87	84.25	799.62	82.94	800.93	82.84	801.03	NM	NM
MW-54C	883.66	84.27	799.39	82.92	800.74	82.88	800.78	NM	NM

TABLE 3

2013 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	4/2-4/13		7/1-3/13		10/14-16/13		12/3-5/13	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
MW-55A	881.75	84.89	796.86	83.51	798.24	83.96	797.79	NM	NM
MW-55B	882.08	85.26	796.82	83.99	798.09	84.32	797.76	NM	NM
MW-55C	881.91	85.02	796.89	83.62	798.29	84.06	797.85	NM	NM
MW-57A	886.31	83.47	802.84	82.16	804.15	81.62	804.69	NM	NM
MW-57B	886.13	83.17	802.96	81.91	804.22	81.34	804.79	NM	NM
MW-60A	879.19	85.89	793.30	84.25	794.94	85.43	793.76	NM	NM
MW-60B	879.09	85.75	793.34	84.16	794.93	85.33	793.76	NM	NM
MW-61A	879.37	86.15	793.22	84.55	794.82	85.73	793.64	NM	NM
MW-61B	879.58	86.32	793.26	84.71	794.87	85.88	793.70	NM	NM
MW-68A	896.47	76.21	820.26	74.74	821.73	73.31	823.16	73.55	822.92
MW-68B	896.77	76.54	820.23	75.05	821.72	73.61	823.16	73.84	822.93
MW-69A	898.02	77.74	820.28	76.18	821.84	74.78	823.24	75.07	822.95
MW-69B	898.23	77.90	820.33	76.40	821.83	74.99	823.24	75.29	822.94
MW-70A	895.68	74.80	820.88	74.38	821.30	71.87	823.81	72.13	823.55
MW-70B	895.67	74.68	820.99	73.28	822.39	71.75	823.92	71.99	823.68
MW-71A	894.70	72.92	821.78	71.52	823.18	69.96	824.74	70.23	824.47
MW-74A	896.08	75.65	820.43	74.18	821.90	72.71	823.37	72.96	823.12
MW-74B	895.88	75.40	820.48	73.94	821.94	72.48	823.40	72.71	823.17
MW-75	890.61	62.71	827.90	60.82	829.79	59.97	830.64	60.37	830.24
MW-76A	894.80	74.29	820.51	72.86	821.94	71.38	823.42	71.60	823.20
MW-76B	895.12	74.65	820.47	73.18	821.94	71.71	823.41	71.96	823.16
MW-77A	895.22	74.59	820.63	73.08	822.14	71.68	823.54	71.93	823.29
MW-77B	895.21	74.60	820.61	73.08	822.13	71.67	823.54	71.91	823.30
MW-77C	895.18	74.58	820.60	73.01	822.17	71.63	823.55	77.88	817.30
PW-2	894.46	73.43	821.03	71.94	822.52	70.48	823.98	70.75	823.71
PW-3R	896.21	75.59	820.62	74.10	822.11	72.63	823.58	72.90	823.31
RW-2A	897.18	76.74	820.44	75.23	821.95	73.80	823.38	74.06	823.12
RW-2B	896.78	76.32	820.46	74.77	822.01	73.39	823.39	73.63	823.15
RW-2C	897.57	77.15	820.42	75.59	821.98	74.22	823.35	74.45	823.12
RW-3A	881.78	87.52	794.26	86.00	795.78	86.90	794.88	85.94	795.84
RW-3B	881.48	87.21	794.27	85.66	795.82	86.58	794.90	85.60	795.88
RW-3C	881.30	87.01	794.29	85.48	795.82	86.41	794.89	85.44	795.86
RW-15	874.76	70.21	804.55	68.56	806.20	67.23	807.53	67.42	807.34
RW-16	888.87	71.88	816.99	70.35	818.52	68.98	819.89	NM	NM
RW-16B	889.66	72.74	816.92	71.18	818.48	68.82	820.84	NM	NM
RW-16C	890.01	73.02	816.99	71.51	818.50	70.16	819.85	NM	NM
RW-18	890.62	71.45	819.17	NM	NM	NM	NM	NM	NM
WW-15	882.61	71.45	811.16	61.64	820.97	60.28	822.33	60.51	822.10
Melby Road Disposal Site Area to Lake Hallie (Plumes 3/4)									
EW-1R	900.08	78.79	821.29	NM	NM	NM	NM	NM	NM
EW-2	901.46	79.91	821.55	78.70	822.76	77.00	824.46	77.28	824.18
MW-1	910.26	49.82	860.44	47.35	862.91	45.26	865.00	45.88	864.38
MW-5A	902.60	81.14	821.46	79.69	822.91	77.10	825.50	78.36	824.24

TABLE 3

2013 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	4/2-4/13		7/1-3/13		10/14-16/13		12/3-5/13	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
MW-5B	902.39	81.01	821.38	79.53	822.86	77.92	824.47	78.20	824.19
MW-6	904.70	83.37	821.33	81.88	822.82	80.37	824.33	80.63	824.07
MW-7	897.73	72.40	825.33	71.91	825.82	69.53	828.20	69.82	827.91
MW-8	904.24	82.34	821.90	80.89	823.35	79.29	824.95	NM	NM
MW-9A	905.30	83.61	821.69	82.39	822.91	80.60	824.70	80.88	824.42
MW-9B	905.30	83.83	821.47	82.16	823.14	80.80	824.50	81.08	824.22
MW-12A	896.95	73.72	823.23	72.32	824.63	70.82	826.13	71.02	825.93
MW-13A	896.72	Dry	Dry	72.95	823.77	71.26	825.46	71.54	825.18
MW-18	898.38	67.31	831.07	66.33	832.05	65.82	832.56	65.77	832.61
MW-22A	900.79	79.76	821.03	78.31	822.48	76.85	823.94	77.11	823.68
MW-22B	900.75	79.95	820.80	78.50	822.25	77.03	823.72	NM	NM
MW-26A	890.17	69.70	820.47	68.34	821.83	66.93	823.24	NM	NM
MW-26B	890.03	69.91	820.12	68.54	821.49	67.18	822.85	NM	NM
MW-27A	890.20	70.63	819.57	NM	NM	68.03	822.17	NM	NM
MW-27B	890.15	70.60	819.55	NM	NM	68.03	822.12	NM	NM
MW-29A	892.72	76.16	816.56	75.38	817.34	74.78	817.94	NM	NM
MW-29B	892.49	75.76	816.73	74.98	817.51	74.40	818.09	NM	NM
MW-62AR	901.69	80.36	821.33	78.91	822.78	77.35	824.34	77.60	824.09
MW-62B	901.79	80.40	821.39	78.05	823.74	77.46	824.33	77.74	824.05
MW-62C	901.15	79.84	821.31	78.42	822.73	76.84	824.31	77.09	824.06
MW-63A	902.59	80.83	821.76	79.36	823.23	77.74	824.85	NM	NM
MW-63B	902.12	80.37	821.75	78.90	823.22	77.28	824.84	77.56	824.56
MW-64A	894.89	73.52	821.37	72.06	822.83	70.48	824.41	70.56	824.33
MW-64B	895.24	73.85	821.39	72.38	822.86	70.81	824.43	71.10	824.14
MW-64C	894.75	73.41	821.34	71.91	822.84	70.35	824.40	70.62	824.13
MW-65A	891.68	70.41	821.27	68.93	822.75	67.38	824.30	NM	NM
MW-65B	891.62	70.33	821.29	68.86	822.76	67.29	824.33	NM	NM
MW-65C	891.77	70.57	821.20	69.02	822.75	67.43	824.34	NM	NM
MW-66A	900.53	79.31	821.22	77.85	822.68	76.32	824.21	NM	NM
MW-66B	900.26	79.01	821.25	77.56	822.70	76.03	824.23	NM	NM
MW-66C	900.43	79.19	821.24	77.75	822.68	76.20	824.23	NM	NM
Eau Claire Municipal Well Field (ECMWF)									
EC-1	813.95	24.23	789.72	22.41	791.54	24.20	789.75	22.69	791.26
EC-2	814.44	24.99	789.45	23.15	791.29	24.98	789.46	23.30	791.14
EC-5	813.56	24.47	790.48	22.61	790.95	24.52	789.04	22.92	790.64
EC-6	813.19	23.78	790.87	21.95	791.24	23.75	789.44	22.16	791.03

NOTE:

NM = Not measured.

FOOTNOTE:

(1) Wells that cannot be located are not shown including MW-46A/B/C, MW-50A/B, MW59A, and RW-23.

TABLE 3

2012 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/8-13/12		6/26-27/12		10/9-10/12		12/04/12	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
Southwest Corner to the ECMWF (Plume 1/2)									
EW-5	886.93	70.81	816.12	71.41	815.52	72.18	814.75	NM	NM
EW-6	894.89	78.80	816.09	80.42	814.47	82.92	811.97	NM	NM
MW-4A	897.25	71.47	825.78	72.09	825.16	72.88	824.37	73.31	823.94
MW-4B	896.65	71.44	825.21	72.14	824.51	72.84	823.81	73.30	823.35
MW-10A	894.60	67.33	827.27	57.88	836.72	68.31	826.29	68.62	825.98
MW-10B	894.91	68.56	826.35	69.29	825.62	69.88	825.03	70.30	824.61
MW-11A	896.76	71.13	825.63	71.82	824.94	72.40	824.36	NM	NM
MW-23A	895.99	73.10	822.89	73.79	822.20	74.53	821.46	74.95	821.04
MW-23B	895.95	72.81	823.14	73.51	822.44	74.23	821.72	74.68	821.27
MW-34A	895.36	71.31	824.05	71.99	823.37	72.69	822.67	73.07	822.29
MW-34B	895.28	71.25	824.03	71.95	823.33	72.63	822.65	73.02	822.26
MW-34C	895.25	71.16	824.09	71.90	823.35	72.55	822.70	73.00	822.25
MW-35A	888.28	66.61	821.67	67.27	821.01	68.07	820.21	NM	NM
MW-35B	888.02	66.35	821.67	67.01	821.01	67.82	820.20	NM	NM
MW-37A	885.55	63.09	822.46	NM	NM	64.48	821.07	NM	NM
MW-37B	885.27	62.84	822.43	NM	NM	64.28	820.99	NM	NM
MW-38A	884.89	62.57	822.32	63.20	821.69	64.03	820.86	64.44	820.45
MW-38B	884.82	62.42	822.40	63.11	821.71	63.84	820.98	64.32	820.50
MW-38C	884.83	62.44	822.39	63.07	821.76	63.84	820.99	64.30	820.53
MW-39A	896.17	73.29	822.88	73.98	822.19	74.70	821.47	75.18	820.99
MW-41A	884.04	62.64	821.40	63.26	820.78	64.12	819.92	NM	NM
MW-41B	883.84	(5)	(5)	63.10	820.74	63.96	819.88	NM	NM
MW-43A	885.34	64.15	821.19	64.81	820.53	65.63	819.71	NM	NM
MW-43B	885.35	64.13	821.22	64.78	820.57	65.61	819.74	NM	NM
MW-44A	885.35	68.59	816.76	NM	NM	70.23	815.12	NM	NM
MW-44B	885.24	68.58	816.66	NM	NM	71.23	814.01	NM	NM
MW-45A	886.20	69.88	816.32	NM	NM	71.55	814.65	NM	NM
MW-45B	886.26	69.93	816.33	70.56	815.70	71.61	814.65	NM	NM
MW-45C	886.05	69.72	816.33	70.38	815.67	71.41	814.64	NM	NM
MW-47A	888.39	69.24	819.15	NM	NM	70.80	817.59	NM	NM
MW-47B	888.24	69.11	819.13	NM	NM	70.65	817.59	NM	NM
MW-49A	883.04	82.10	800.94	NM	NM	84.38	798.66	NM	NM
MW-49B	883.02	82.13	800.89	NM	NM	84.40	798.62	NM	NM
MW-51A	884.02	69.94	814.08	NM	NM	71.68	812.34	NM	NM
MW-51B	883.99	69.89	814.10	70.55	813.44	71.63	812.36	NM	NM
MW-52A	884.13	72.55	811.58	73.27	810.86	74.40	809.73	NM	NM
MW-52B	884.12	72.50	811.62	73.20	810.92	74.38	809.74	NM	NM
MW-53A	887.93	81.96	805.97	NM	NM	83.91	804.02	NM	NM
MW-53B	888.25	81.96	806.29	NM	NM	84.03	804.22	NM	NM
MW-54A	883.78	82.37	801.41	NM	NM	84.69	799.09	NM	NM
MW-54B	883.87	82.42	801.45	NM	NM	84.70	799.17	NM	NM
MW-54C	883.66	82.42	801.24	83.25	800.41	84.68	798.98	NM	NM

TABLE 3

2012 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/8-13/12		6/26-27/12		10/9-10/12		12/04/12	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
MW-55A	881.75	83.28	798.47	NM	NM	85.70	796.05	NM	NM
MW-55B	882.08	83.64	798.44	84.54	797.54	86.07	796.01	NM	NM
MW-55C	881.91	83.40	798.51	84.30	797.61	85.79	796.12	NM	NM
MW-57A	886.31	81.43	804.88	NM	NM	NM	NM	NM	NM
MW-57B	886.13	81.13	805.00	NM	NM	NM	NM	NM	NM
MW-60A	879.19	84.38	794.81	NM	NM	87.02	792.17	NM	NM
MW-60B	879.09	84.30	794.79	NM	NM	86.93	792.16	NM	NM
MW-61A	879.37	84.69	794.68	NM	NM	87.20	792.17	NM	NM
MW-61B	879.58	84.85	794.73	NM	NM	87.38	792.20	NM	NM
MW-68A	896.47	73.72	822.75	74.42	822.05	75.14	821.33	75.56	820.91
MW-68B	896.77	74.02	822.75	74.74	822.03	75.43	821.34	75.87	820.90
MW-69A	898.02	75.20	822.82	75.88	822.14	76.60	821.42	77.06	820.96
MW-69B	898.23	75.41	822.82	76.11	822.12	76.82	821.41	77.26	820.97
MW-70A	895.68	72.23	823.45	72.99	822.69	73.65	822.03	74.11	821.57
MW-70B	895.67	73.10	822.57	72.85	822.82	73.54	822.13	73.98	821.69
MW-71A	894.70	70.32	824.38	71.12	823.58	71.74	822.96	72.19	822.51
MW-74A	896.08	73.12	822.96	73.89	822.19	74.55	821.53	74.99	821.09
MW-74B	895.88	72.86	823.02	73.63	822.25	74.29	821.59	74.72	821.16
MW-75	890.61	60.60	830.01	61.12	829.49	61.55	829.06	61.92	828.69
MW-76A	894.80	71.82	822.98	72.53	822.27	73.24	821.56	73.84	820.96
MW-76B	895.12	72.18	822.94	72.85	822.27	73.55	821.57	74.00	821.12
MW-77A	895.22	72.12	823.10	72.83	822.39	73.55	821.67	73.97	821.25
MW-77B	895.21	72.09	823.12	72.84	822.37	73.53	821.68	73.95	821.26
MW-77C	895.18	72.09	823.09	72.80	822.38	73.51	821.67	73.92	821.26
PW-2	894.46	70.89	823.57	71.63	822.83	72.30	822.16	72.73	821.73
PW-3R	896.21	73.08	823.13	73.75	822.46	74.51	821.70	74.92	821.29
RW-2A	897.18	74.20	822.98	74.94	822.24	75.66	821.52	76.09	821.09
RW-2B	896.78	73.80	822.98	74.61	822.17	75.20	821.58	75.66	821.12
RW-2C	897.57	74.63	822.94	75.36	822.21	76.03	821.54	76.50	821.07
RW-3A	881.78	86.01	795.77	86.97	794.81	88.53	793.25	87.84	793.94
RW-3B	881.48	85.68	795.80	86.66	794.82	88.21	793.27	87.52	793.96
RW-3C	881.30	85.52	795.78	86.50	794.80	88.03	793.27	87.35	793.95
RW-15	874.76	67.61	807.15	68.27	806.49	69.07	805.69	69.50	805.26
RW-16	888.87	69.25	819.62	69.84	819.03	70.77	818.10	NM	NM
RW-16B	889.66	70.12	819.54	70.67	818.99	71.62	818.04	NM	NM
RW-16C	890.01	70.40	819.61	70.97	819.04	71.93	818.08	NM	NM
WW-15	882.61	60.62	821.99	61.25	821.36	62.10	820.51	62.52	820.09
Melby Road Disposal Site Area to Lake Hallie (Plumes 3/4)									
EW-1R	900.14	76.26	823.88	77.02	823.12	77.74	822.40	78.04	822.10
EW-2	901.46	77.43	824.03	78.26	823.20	78.95	822.51	79.33	822.13
MW-1	910.26	47.28	862.98	48.03	862.23	47.96	862.30	48.03	862.23
MW-5A	902.60	78.58	824.02	79.35	823.25	79.96	822.64	80.39	822.21
MW-5B	902.39	78.43	823.96	79.19	823.20	79.81	822.58	80.24	822.15

TABLE 3

2012 WATER LEVEL MEASUREMENTS⁽¹⁾

Well Group/ Well ID	Measuring Point Elevation (ft MSL)	3/8-13/12		6/26-27/12		10/9-10/12		12/04/12	
		Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)	Depth to Water (ft)	Water Level Elevation (ft MSL)
MW-6	904.70	80.83	823.87	81.53	823.17	82.21	822.49	82.64	822.06
MW-7	897.73	70.22	827.51	70.88	826.85	71.34	826.39	71.07	826.66
MW-8	904.24	79.82	824.42	80.53	823.71	81.14	823.10	81.58	822.66
MW-9A	905.30	81.11	824.19	81.82	823.48	82.47	822.83	82.92	822.38
MW-9B	905.30	81.32	823.98	82.03	823.27	82.67	822.63	83.10	822.20
MW-12A	896.95	71.28	825.67	72.17	824.78	72.58	824.37	72.95	824.00
MW-13A	896.72	71.82	824.90	72.60	824.12	73.12	823.60	73.61	823.11
MW-18	898.38	66.12	832.26	66.51	831.87	66.70	831.68	66.87	831.51
MW-22A	900.79	77.35	823.44	78.09	822.70	78.70	822.09	79.16	821.63
MW-22B	900.75	77.53	823.22	78.20	822.55	78.88	821.87	79.33	821.42
MW-26A	890.17	67.81	822.36	NM	NM	68.65	821.52	NM	NM
MW-26B	890.03	67.65	822.38	NM	NM	68.88	821.15	NM	NM
MW-27A	890.20	68.78	821.42	NM	NM	69.61	820.59	NM	NM
MW-27B	890.15	68.67	821.48	NM	NM	69.60	820.55	NM	NM
MW-29A	892.72	75.27	817.45	NM	NM	75.61	817.11	NM	NM
MW-29B	892.49	74.88	817.61	NM	NM	75.23	817.26	NM	NM
MW-62AR	901.69	77.81	823.88	78.59	823.10	79.22	822.47	79.63	822.06
MW-62B	901.79	77.95	823.84	78.70	823.09	79.35	822.44	79.75	822.04
MW-62C	901.15	77.33	823.82	78.07	823.08	78.69	822.46	79.13	822.02
MW-63A	902.59	78.24	824.35	78.99	823.60	79.63	822.96	80.05	822.54
MW-63B	902.12	77.81	824.31	78.56	823.56	79.20	822.92	79.62	822.50
MW-64A	894.89	70.97	823.92	71.72	823.17	72.36	822.53	72.79	822.10
MW-64B	895.24	71.32	823.92	72.07	823.17	72.68	822.56	73.12	822.12
MW-64C	894.75	70.84	823.91	71.57	823.18	72.21	822.54	72.67	822.08
MW-65A	891.68	67.85	823.83	68.59	823.09	69.21	822.47	69.67	822.01
MW-65B	891.62	67.79	823.83	68.53	823.09	69.18	822.44	69.59	822.03
MW-65C	891.77	67.94	823.83	68.67	823.10	69.30	822.47	69.73	822.04
MW-66A	900.53	76.76	823.77	77.51	823.02	71.16	829.37	78.58	821.95
MW-66B	900.26	76.47	823.79	77.22	823.04	77.86	822.40	78.29	821.97
MW-66C	900.43	76.65	823.78	77.40	823.03	78.06	822.37	78.47	821.96
Eau Claire Municipal Well Field (ECMWF)									
EC-1	813.95	22.81	791.14	24.14	789.81	25.76	788.19	24.56	789.39
EC-2	814.44	23.58	790.86	24.89	789.55	26.50	787.94	24.33	790.11
EC-5	813.56	23.08	790.48	24.47	790.48	26.09	787.47	NM	NM
EC-6	813.19	22.32	790.87	23.69	790.87	25.44	787.75	NM	NM

NOTE:

NM = Not measured.

FOOTNOTE:

(1) Wells that cannot be located are not shown including MW-46A/B/C, MW-50A/B, MW59A, and RW-23.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 4

NPI VOC ANALYTICAL RESULTS FROM SWC EXTRACTION WELLS EW-3 THROUGH EW-6⁽¹⁾

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
EW-3 (abandoned extraction well at Grid Coordinate K8)											
03/03/94	G	7.1		1		1		18		3.7	
03/09/94	G	4.2		1		1		12		7.2	
03/17/94	G	3.6		1		1		12		9.7	
03/23/94	G	3.7		1		1		10		9.7	
03/31/94	G	3.4		1		1		9.4		9.3	
04/06/94	G	3.3		1		1		8.9		9.7	
05/04/94	G	2.7		1		1		7.3		7.7	
06/09/94	G	2		1		1		5.4		5.9	
07/06/94	G	2.2		1		1		6.5		5.6	
08/05/94	G	2.2		0.2	ND	0.2	ND	5.8		4.4	
09/09/94	G	3.3		0.2	ND	0.2	ND	7.5		4.1	
10/06/94	G	4.5		0.2	ND	0.2	ND	8.5		3.9	
11/03/94	G	3.4		0.2	ND	0.2	ND	6.6		3.8	
12/15/94	G	2		0.2	ND	0.2	ND	5.5		3.4	
01/12/95	G	2.2		0.2	ND	0.2	ND	5.2		3.5	
02/21/95	G	2.2		0.2	ND	0.2	ND	4.6		3.3	
03/15/95	G	2.1		0.2	ND	0.2	ND	4.4		3.5	
04/13/95	G	2.1		0.2	ND	0.2	ND	5		3.9	
05/10/95	G	2.4		0.2	ND	0.2	ND	5.9		4.5	
06/15/95	G	2.7		0.2	ND	0.2	ND	7.4		4.2	
07/20/95	G	1.5		0.2	ND	0.2	ND	5.2		3.1	
08/22/95	G	2.7		0.2	ND	0.2	ND	6.9		3.6	
09/20/95	G	3.1		0.2	ND	0.2	ND	8.9		5.5	
10/25/95	G	2.8		0.2	ND	0.2	ND	8.4		5.7	
11/30/95	G	4.5		0.2	ND	0.2	ND	9.7		6.5	
12/19/95	G	5.3		0.2	ND	0.2	ND	11		6.8	
01/25/96	G	5.3		0.2	ND	0.2	ND	10		7.6	
02/20/96	G	5.1		0.2	ND	0.2	ND	8		6.3	
03/30/96	G	3.8		0.2	ND	0.48		7.6		6.5	
04/18/96	G	4.1		0.2	ND	0.42		6.7		5.5	
05/28/96	G	3		0.2	ND	0.53		6		5.1	
06/18/96	G	3.3		0.2	ND	0.45		7.4		5.8	
07/30/96	G	3.9		0.41		0.51		7.8		5.9	
08/26/96	G	3.5		0.2	ND	0.56		8		6.3	
09/09/96	G	3.7		0.2	ND	0.44		8.1		7.1	
10/07/96	G	3.7		0.2	ND	0.48		7.1		5.7	
11/04/96	G	3.8		0.2	ND	0.46		7.9		6.3	
12/05/96	G	5		0.2	ND	0.37		7.3		5.8	
01/13/97	G	4.8		0.2	ND	0.39		7.6		6.4	
02/12/97	G	4.6		0.2	ND	0.38		7.2		6.1	
03/24/97	G	4.2		0.2	ND	0.2	ND	8.5		7.2	
04/14/97	G	4.24		0.2	ND	0.253		8.22		7.67	
05/07/97	G	3.59		0.2	ND	0.25		6.91		6.29	
06/09/97	G	3.36		0.2	ND	0.249		6.09		5.62	
07/09/97	G	3.38		0.2	ND	0.2	ND	6.77		5.27	

TABLE 4

NPI VOC ANALYTICAL RESULTS FROM SWC EXTRACTION WELLS EW-3 THROUGH EW-6⁽¹⁾

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
08/13/97	G	3.29		0.2	ND	0.2	ND	7.98		5.37	
09/08/97	G	3.41		0.17	U	0.29		7.8		6.15	
10/13/97	G	3.4		0.2	U	0.338		6.84		7.41	
11/11/97	G	3.2		0.5	U	0.6	U	7.06		8.96	
12/04/97	G	3.24		0.5	U	0.6	U	7.23		9.2	
01/12/98	G	1.98		0.2	U	0.287		3.96		5.37	
02/04/98	G	3.08		0.2	U	0.363		6.28		8.11	
03/05/98	G	1.61		0.2	U	0.315		3.58		4.86	
04/14/98	G	1.39		0.2	U	0.213		2.77		4.04	
05/04/98	G	1.75		0.2	U	0.215		3.45		5.21	
06/02/98	G	0.977		0.2	U	0.253		2.08		3.17	
07/22/98	G	1.37		0.2	U	0.325		2.3		6.18	
08/05/98	G	1.61		0.2	U	0.376		2.66		4.89	
09/14/98	G	1.3		0.2	U	0.301		2.09		3.27	
10/07/98	G	1.2		0.2	U	0.257		1.82		2.67	
11/11/98	G	1.02		0.2	U	0.245		1.68		2.31	
02/02/99	G	0.817		0.2	U	0.233	J	1.36		2.21	CSH
05/04/99	G	0.55	CSH	0.2	U	0.2	U	0.917		1.83	CSH
08/16/99	G	0.49		0.2	U	0.194	J	0.899		2.78	
11/17/99	G	0.521		0.15	U	0.177	J	0.96		3.37	
02/08/00	G	0.283	J	0.15	U	0.22	J	0.477	J	2.04	
05/09/00	G	0.267	J	0.15	U,CSL	0.15	U	0.545		2.07	
08/21/00	G	0.386	J	0.15	U	0.222	J	0.712		3.01	
11/15/00	G	0.285	J	0.15	U	0.176	J	0.558		3.75	
02/13/01	G	0.326	J	0.15	U	0.154	J	0.584		3.9	
05/01/01	G	0.15	U,SPL,Dup	0.15	U	0.369	J	0.184	J	3.62	
08/14/01	G	0.38	U	0.38	U	0.26	U	0.583	J	4.78	
11/26/01	G	0.38	U	0.38	U	0.26	U	0.265	J	3.36	
02/18/02	G	0.38	U	0.38	U	0.26	U	0.2	U	3.15	
05/07/02	G	0.36	U	0.39	U	0.32	U	0.433	J,CSL	2.96	
08/13/02	G	0.36	U	0.39	U	0.32	U	0.519	J	3.16	
11/19/02	G	0.36	U	0.39	U	0.32	U	0.42	U	3.09	
02/18/03	G	0.36	U	0.39	U	0.32	U	0.42	U	4.41	
04/10/03	G	0.36	U	0.39	U	0.32	U	0.42	U	3.84	
06/09/03	G	0.36	U	0.39	U	0.32	U	0.42	U	2.72	
07/22/03	G	0.36	U	0.195	U,CSL	0.32	U	0.42	U	2.6	J
EW-4 (abandoned extraction well at Grid Coordinate K7)											
03/03/94	G	7.4		1		1		24		1	
03/09/94	G	5		1		1		19		1	
03/17/94	G	4.4		1		1		16		1	
03/23/94	G	4.6		1		1		12		1	
03/31/94	G	4.1		1		1		11		1	
04/06/94	G	4.1		1		1		11		1.1	
05/04/94	G	5.6		1		1		21		2.3	
06/09/94	G	4.4		1		1		34		2.3	
07/06/94	G	4.4		1		1		36		2.6	
08/05/94	G	4.1		0.2	ND	0.2	ND	40		2.7	
09/09/94	G	3.9		0.2	ND	0.2	ND	44		2.9	

TABLE 4

NPI VOC ANALYTICAL RESULTS FROM SWC EXTRACTION WELLS EW-3 THROUGH EW-6⁽¹⁾

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
10/06/94	G	4.4		1		0.2	ND	57		3	
11/03/94	G	4		0.2	ND	0.2	ND	50		3.2	
12/15/94	G	3.1		0.2	ND	0.2	ND	44		3	
01/12/95	G	3.9		0.2	ND	0.2	ND	45		3.4	
02/21/95	G	4.3		0.2	ND	0.2	ND	40		3.1	
03/15/95	G	4.9		0.2	ND	0.2	ND	45		3.7	
04/13/95	G	4.7		0.2	ND	0.2	ND	44		4	
05/10/95	G	4.7		0.2	ND	0.2	ND	51		4.2	
06/15/95	G	3.8		0.2	ND	0.2	ND	40		3.4	
07/20/95	G	3		0.2	ND	0.2	ND	40		2.6	
08/22/95	G	4.2		0.2	ND	0.2	ND	44		3.4	
09/20/95	G	4		1.1		0.2	ND	43		3.9	
10/25/95	G	3.8		0.2	ND	0.2	ND	34		2.7	
11/30/95	G	3.7		0.2	ND	0.2	ND	34		3.3	
12/19/95	G	4.3		0.2	ND	0.2	ND	35		3.4	
01/25/96	G	4.2		0.2	ND	0.2	ND	34		3.5	
02/20/96	G	3.9		0.2	ND	0.2	ND	27		2.6	
03/30/96	G	3.3		0.2	ND	0.41		28		2.8	
04/18/96	G	4		0.2	ND	0.39		28		3	
05/28/96	G	3.2		0.37		0.54		26		2.9	
06/18/96	G	3.4		2.4		0.49		32		3.1	
07/30/96	G	2.9		0.67		0.4		24		2.2	
08/26/96	G	2.8		0.2	ND	0.31		28		2.4	
09/09/96	G	2.8		0.2	ND	0.36		28		2.5	
10/07/96	G	2.9		0.2	ND	0.32		28		2.1	
11/04/96	G	2.8		0.2	ND	0.29		25		2.3	
12/05/96	G	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
01/13/97	G	3.6		0.2	ND	0.24		20		2	
02/12/97	G	3.8		0.2	ND	0.42		24		2.7	
03/24/97	G	2.8		0.2	ND	0.2	ND	27.6		2.2	
04/14/97	G	2.51		0.2	ND	0.2	ND	24.3		1.66	
05/07/97	G	2.57		0.2	ND	0.2	ND	26.2		1.76	
06/09/97	G	2.51		0.2	ND	0.2	ND	23.7		1.7	
07/09/97	G	2.25		0.2	ND	0.2	ND	23.1		1.28	
08/13/97	G	1.69		0.2	ND	0.2	ND	20.9		1.18	
09/08/97	G	2.39		0.17	U	0.22		24.2		1.74	
10/13/97	G	2.04		0.2	U	0.2	U	15.6		1.72	
11/11/97	G	1.88		0.5	U	0.6	U	16.3		1.89	
12/04/97	G	2.13		0.5	U	0.6	U	16.4		1.92	
01/12/98	G	1.03		0.2	U	0.2	U	10.6		1.14	
02/04/98	G	1.93		0.2	U	0.2	U	15.7		1.94	
03/05/98	G	0.951		0.2	U	0.207		11.2		1.29	
04/14/98	G	1.07		0.2	U	0.2	U	11.1		1.21	
05/04/98	G	1.42		0.2	U	0.2	U	15.9		2.02	
06/02/98	G	0.825		0.2	U	0.2	U	9.79		0.88	
07/22/98	G	2.03		0.2	U	0.275		10.5		1.3	
08/05/98	G	1.61		0.2	U	0.216		11.4		1.35	
09/14/98	G	1.32		0.2	U	0.207		11.1		1.42	
10/07/98	G	1.18		0.2	U	0.2	U	10.5		1.39	

TABLE 4

NPI VOC ANALYTICAL RESULTS FROM SWC EXTRACTION WELLS EW-3 THROUGH EW-6⁽¹⁾

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
11/11/98	G	0.2	U	0.2	U	0.2	U	10		1.46	
02/02/99	G	0.846	J	0.2	U	0.245	J	10.1		1.6	CSH
05/04/99	G	0.824		0.2	U	0.2	U	10		1.47	CSH
08/16/99	G	0.923		0.2	U	0.154	J	9.87		1.33	
11/17/99	G	1		0.15	U	0.15	U	10.8		1.5	
02/08/00	G	0.666		0.15	U	0.213	J	7.71		1.27	
05/09/00	G	0.658		0.15	U,CSL	0.15	U	8.65		1.48	
08/21/00	G	0.664		0.15	U	0.15	U	8.14		1.31	J
11/15/00	G	0.689		0.15	U	0.154	J	8.04		1.43	
02/13/01	G	0.555		0.15	U	0.172	J	7.1		1.34	
05/01/01	G	0.15	U,SPL,Dup	0.15	U	0.33	J	6.29		1.95	
08/14/01	G	0.42	J	0.38	U	0.26	U	6.01		2.29	
11/26/01	G	0.38	U	0.38	U	0.26	U	5.84		0.962	
02/18/02	G	0.38	U	0.38	U	0.26	U	6.39		1.48	
05/07/02	G	0.578	J	0.39	U	0.32	U	8.05		1.82	
08/13/02	G	0.714	J	0.39	U	0.32	U	9.75		1.83	
11/19/02	G	0.39	U	0.39	U	0.32	U	7.79		1.07	J
02/18/03	G	0.396	J	0.39	U	0.32	U	7.32		1.25	
04/10/03	G	0.55	J	0.39	U	0.32	U	7.34		1.24	CSH
06/09/03	G	0.461	J	0.39	U	0.32	U	6.05		1.29	
07/22/03	G	0.52	J	0.39	U,CSL	0.32	U	6.94		1.4	
10/07/03	G	0.676	J	0.39	U	0.32	U	7.67		2.06	
01/09/04	G	0.36	U	0.39	U	0.32	U	5.66		1.25	
02/24/04	G	0.569	J	0.5	U	0.45	U	6.55		1.22	J
04/13/04	G	0.563	J	0.5	U	0.45	U	7.28		1.34	J
07/14/04	G	0.759	J	0.5	U	0.45	U	9.25		1.51	J
10/19/04	G	0.896	J	0.5	U	0.45	U	7.8		1.39	J
01/18/05	G	0.629	J	0.5	U	0.45	U	6.68		0.961	J
04/11/05	G	0.675	J	0.5	U	0.45	U	6.96		1.09	J
07/12/05	G	0.661	J	0.5	U	0.45	U	7.44		1.17	J
10/12/05	G	0.596	J	0.5	U	0.45	U	7.24		1.11	J
11/15/05	G	0.593	J	0.5	U	0.45	U	7.39		1.14	J
01/16/06	G	0.5	U	0.5	U	0.45	U	6.25		1.00	J
01/18/06	G	0.5	U	0.5	U	0.45	U	6.18		0.961	J
07/24/06	G	0.68		0.5	U	0.71	U	5.28		1.05	J
10/16/06	G	0.25	CSL	0.15	U	0.1	U	5.95		0.80	
03/26/07	G	0.86		0.4	U	0.3	U	0.2	U	1.05	
06/19/07	G	0.86		0.4	U	0.3	U	5.96		0.98	
03/11/08	G	0.99		0.4	U	0.3	U	4.90		0.81	J
06/23/08	G	0.89		0.4	U	0.3	U	5.28		0.95	J
09/16/08	G	0.95		0.4	U	0.3	U	5.04		0.85	J
12/15/08	G	0.93		0.4	U	0.3	U	4.66		1.13	J
03/23/09	G	0.76		0.4	U	0.3	U	4.62		1.07	J
09/21/09	G	1.22	J	0.4	U	0.3	U	6.61		1.07	J
03/15/10	G	1.06	J	0.4	U	0.3	U	4.65		0.98	J
06/28/10	G	0.4	U	0.4	U	0.3	U	2.60		0.47	J
10/04/10	G	0.59	J	0.4	U	0.3	U,CSH	2.46		0.96	J

EW-5 (extraction well at Grid Coordinate K7)

TABLE 4

NPI VOC ANALYTICAL RESULTS FROM SWC EXTRACTION WELLS EW-3 THROUGH EW-6⁽¹⁾

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
07/22/03	G	0.36	U	0.39	U	0.32	U	0.42	U	0.611	J
01/09/04	G	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
02/24/04	G	0.5	U	0.5	U	0.45	U	0.42	U	1.07	J
04/13/04	G	0.5	U	0.5	U	0.45	U	0.42	U	1.09	J
07/14/04	G	0.5	U	0.5	U	0.45	U	0.42	U	1.26	J
10/19/04	G	0.5	U	0.5	U	0.45	U	0.42	U	1.11	J
01/18/05	G	0.5	U	0.5	U	0.45	U	0.42	U	0.857	J
04/11/05	G	0.5	U	0.5	U	0.45	U	0.42	U	0.912	J
07/12/05	G	0.5	U	0.5	U	0.45	U	0.42	U	0.917	J
10/12/05	G	0.5	U	0.5	U	0.45	U	0.42	U	0.894	J
11/15/05	G	0.5	U	0.5	U	0.45	U	0.42	U	1.06	J
01/16/06	G	0.5	U	0.5	U	0.45	U	0.42	U	0.826	J
01/18/06	G	0.5	U	0.5	U	0.45	U	0.42	U	0.864	J
07/24/06	G	0.5	U	0.5	U	0.71	U	0.42	U	0.98	J
10/16/06	G	0.15	U	0.15	U	0.1	U	0.35	J	0.81	
03/26/07	G	0.2	U	0.4	U	0.3	U	0.2	U	1.08	
06/19/07	G	0.2	U	0.4	U	0.3	U	0.46	J	1.16	
03/11/08	G	0.2	U	0.4	U	0.3	U	0.45	J	0.99	J
06/23/08	G	0.2	U	0.4	U	0.3	U	0.37	J	1.18	J
09/16/08	G	0.2	U	0.4	U	0.3	U	0.32	J	1.03	J
12/15/08	G	0.2	U	0.4	U	0.3	U	0.22	J	1.18	J
03/23/09	G	0.2	U	0.4	U	0.3	U	0.2	U	0.98	J
09/21/09	G	0.4	U	0.4	U	0.3	U	0.5	U	1.22	J
03/15/10	G	0.4	U	0.4	U	0.3	U	0.5	U	1.13	J
06/28/10	G	0.57	J	0.4	U	0.3	U	1.76		0.96	J
10/04/10	G	0.4	U	0.4	U	0.3	U,CSH	0.5	U	1.33	
12/16/10	G	0.4	U	0.4	U	0.3	U	0.5	U	1.03	J
03/28/11	G	0.4	U	0.4	U	0.3	U	0.79	J	0.82	J
06/06/11	G	0.46	J	0.4	U	0.3	U	1.03	J	0.88	J
10/17/11	G	0.4	U	0.4	U	0.3	U	1.24	J	0.92	J
12/20/11	G	0.8	U	0.8	U	0.6	U	0.81	J	0.87	J
03/12/12	G	0.8	U	0.8	U	0.6	U	0.61	J	0.83	J
06/25/12	G	0.75	U	0.57	U	0.45	U	0.9	U	0.78	J
10/09/12	G	0.75	U	0.57	U	0.45	U	0.9	U	0.8	J
12/05/12	G	0.75	U	0.57	U	0.45	U	0.9	U	0.69	J
04/01/13	G	0.75	U	0.57	U	0.45	U	0.9	U	0.78	J
07/02/13	G	0.28	U	0.43	U	0.47	U	3		0.63	J
12/04/13	G	0.28	U	0.43	U	0.47	U	0.44	U	0.62	J
04/14/14	G	0.16	U	0.41	U	0.50	U	0.50	U	0.6	J
06/17/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.65	J
09/18/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.52	J
12/02/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.57	J
03/24/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/16/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.41	J
09/22/15	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	H	0.24	U	0.41	U	0.50	U	0.50	U	0.66	J
03/21/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.34	J

TABLE 4

NPI VOC ANALYTICAL RESULTS FROM SWC EXTRACTION WELLS EW-3 THROUGH EW-6⁽¹⁾

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
08/30/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.43	J
12/06/16	H	0.24	U	0.41	U	0.50	U	0.50	U	0.75	J
12/06/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
EW-6 (extraction well at Grid Coordinate K7)											
09/23/11	G	0.69	J	0.4	U	0.32	J	5.6	U	2.27	
10/20/11	G	1.13	J	0.4	U	0.3	U	4.65		1.65	
10/28/11	G	0.74	J	0.4	U	0.3	U	2.62		1.34	
12/20/11	G	0.67	J	0.8	U	0.6	U	3.85		1.42	
03/12/12	G	0.66	J	0.8	U	0.6	U	3.64		1.17	J
06/25/12	G	0.75	U	0.57	U	0.45	U	2.4		1.1	
10/09/12	G	0.75	U	0.57	U	0.45	U	1.7		1.1	
12/05/12	G	0.75	U	0.57	U	0.45	U	2.1		0.91	J
04/01/13	G	0.75	U	0.57	U	0.45	U	1.6		0.87	J
07/02/13	G	0.28	U	0.43	U	0.47	U	3.9		0.79	J
12/04/13	G	0.28	U	0.43	U	0.47	U	1.2		0.83	J
04/18/14	G	0.26	J	0.41	U	0.50	U	1.4		0.73	J
06/17/14	G	0.24	U	0.41	U	0.50	U	1.5		0.85	J
09/18/14	G	0.24	U	0.41	U	0.50	U	1.2		0.71	J
12/02/14	G	0.24	U	0.41	U	0.50	U	1.2		0.79	J
03/24/15	G	0.24	U	0.41	U	0.50	U	1.2		0.99	J
06/16/15	G	0.24	U	0.41	U	0.50	U	1.4		0.71	J
09/22/15	G	0.24	U	0.41	U	0.50	U	1.4		0.79	J
12/08/15	G	0.24	U	0.41	U	0.50	U	0.86	J	0.58	J
03/21/16	G	0.24	U	0.41	U	0.50	U	1.3		0.75	J
06/13/16	G	0.24	U	0.41	U	0.50	U	1.5		0.81	J
08/30/16	G	0.24	U	0.41	U	0.50	U	1.1		0.73	J
12/06/16	G	0.24	U	0.41	U	0.50	U	1.2		0.70	J

TABLE 4

NPI VOC ANALYTICAL RESULTS FROM SWC EXTRACTION WELLS EW-3 THROUGH EW-6⁽¹⁾

NOTES:

Concentrations are in micrograms per liter (µg/L)/parts per billion (ppb).

Detected concentrations at or above an applicable NR 140 PAL are in red font and italicized.

Detected concentrations at or above an applicable MCL/NR 140 ES are in red font and bold.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

G = Grab sample collected from sample tap while the extraction well was pumping groundwater.

HS = HydraSleeve.

LF = Low flow.

PDB = Passive diffusion bag.

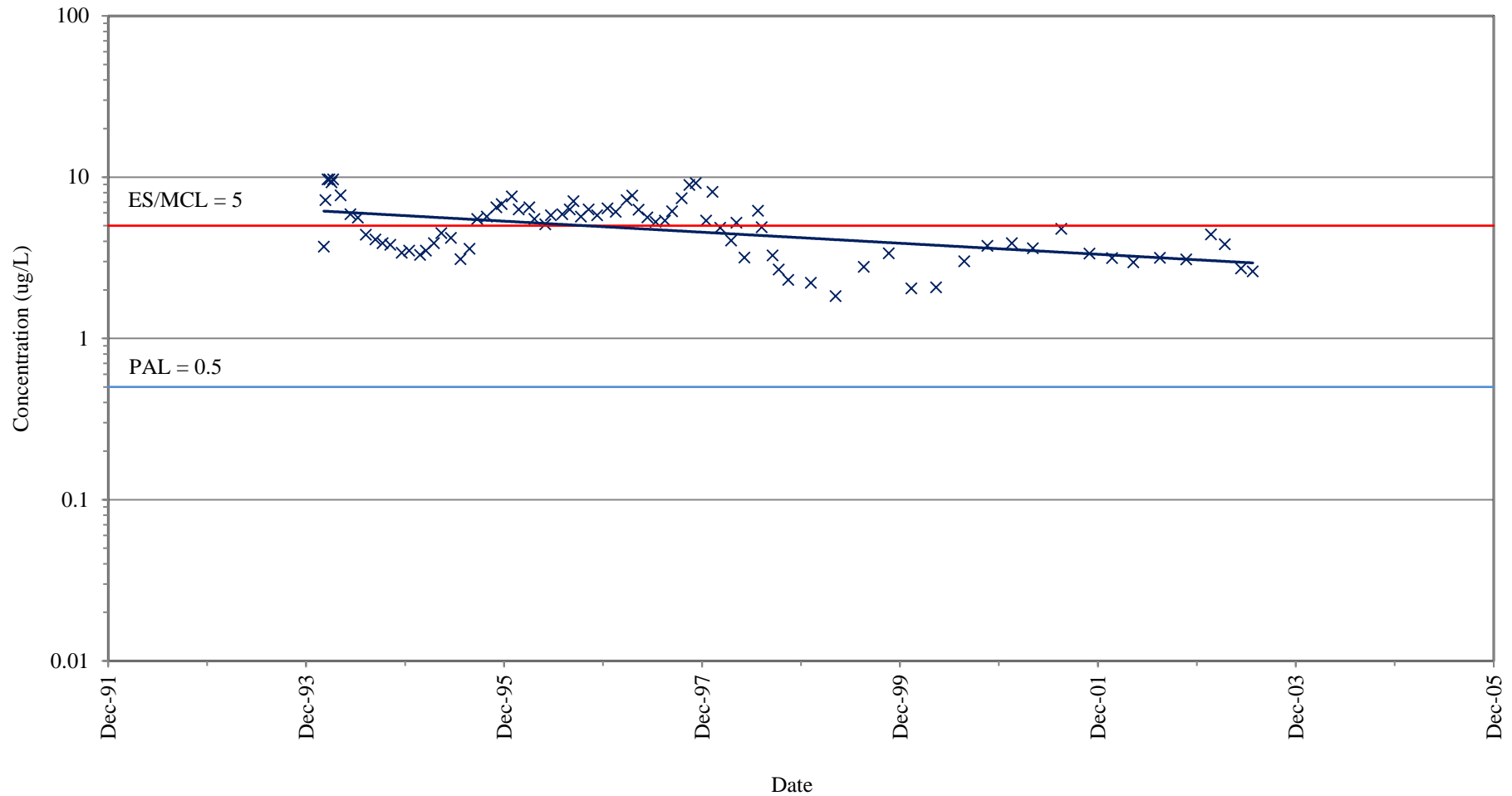
H = PDB or HS in upper portion of saturated screened interval.

M = PDB or HS in middle portion of saturated screened interval.

L = PDB or HS in lower portion of saturated screened interval.

FOOTNOTE:

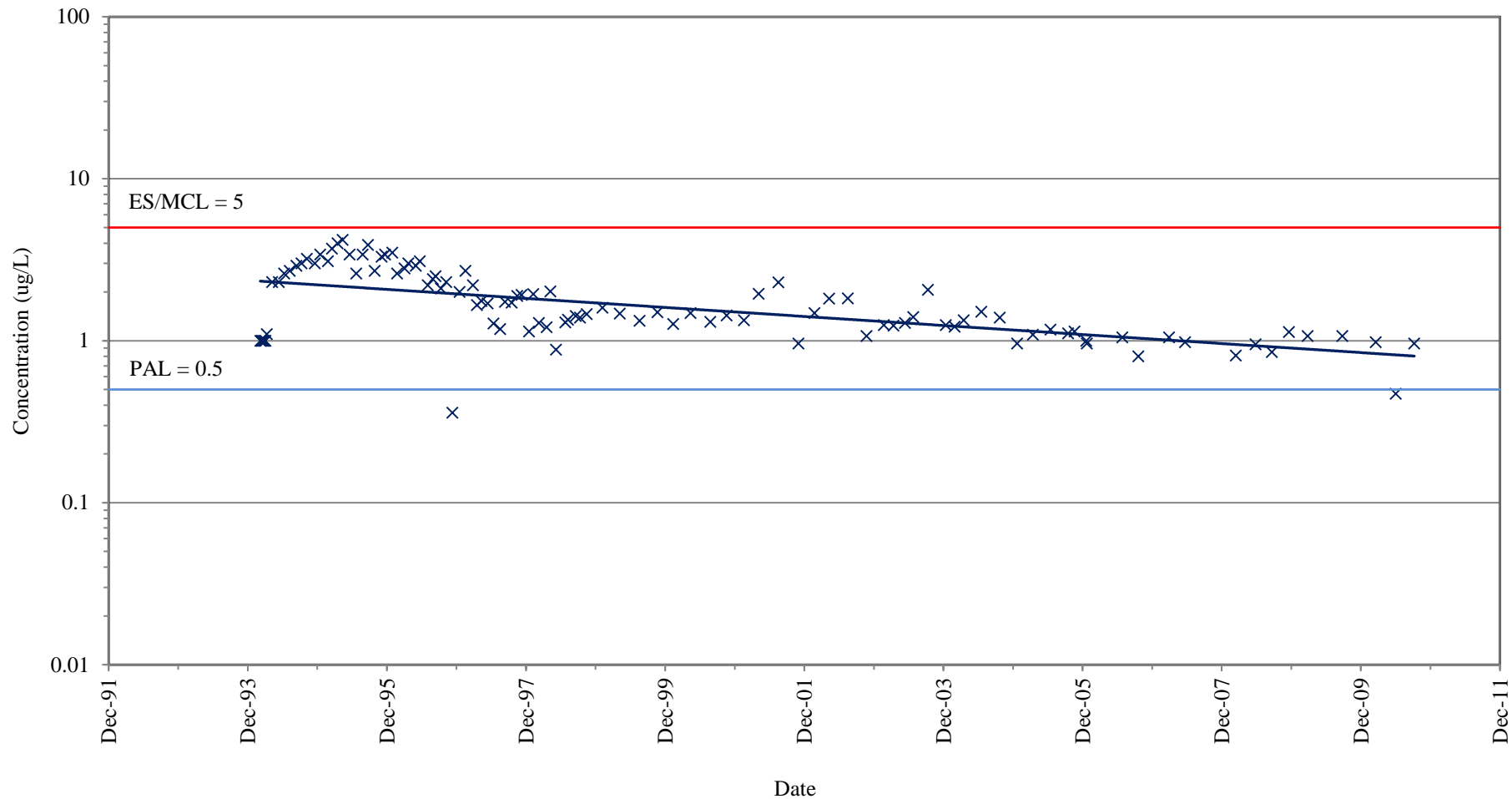
(1) EW-5 has been shut down since September 2015, as approved by both agencies.

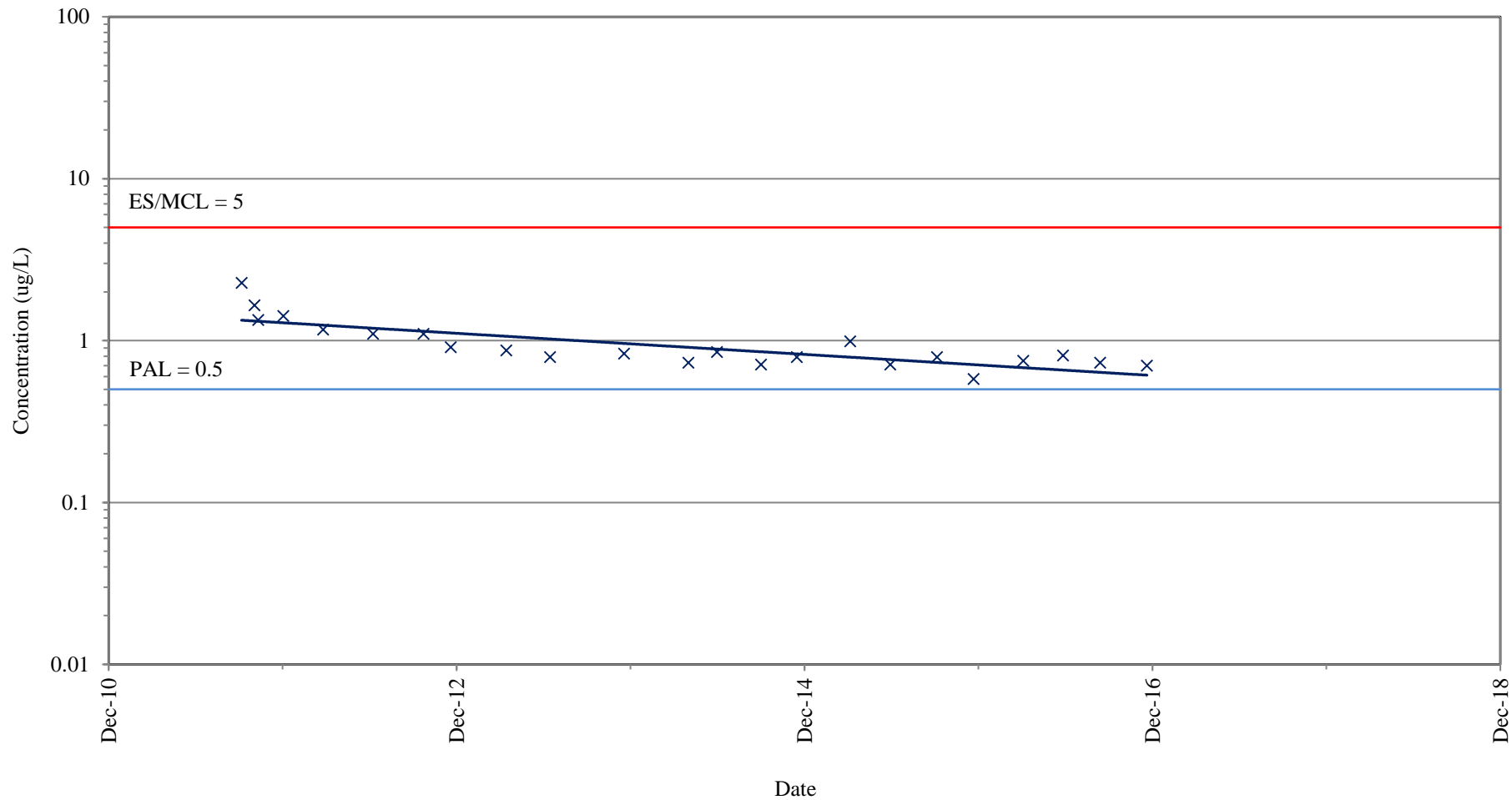


Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
EW-3 (GRID COORDINATE K8)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN





Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
EW-6 (GRID COORDINATE K7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 5A

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS EC-1 THROUGH EC-7

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)								
			I,I-DCA	I,I-DCE	PCE	I,I-TCA	TCE				
		Level	None/850/85	7/7/0.7	5/5/0.5	200/200/40	5/5/0.5				
EC-1 (monitoring well at Grid Coordinate C7)											
10/15/85	NR		NA		NA		NA		NA	11	
12/18/91	NR	2		0.9		0.2	J	21		7	
06/15/92	NR		NA		NA		NA		NA	7	
06/20/92	NR		NA		NA		NA		NA	7	
05/11/95	NR	0.5	U	0.5	U	0.7	U	0.8	U	0.6	U
06/15/95	NR		NA		NA		NA		NA	5	
04/30/96	NR	1.6		0.4	U	0.4	U	0.4	U	1.4	
10/04/96	NR	1.5		0.3	U	0.2	U	0.2	U	1.5	
05/05/97	NR	1.4		0.3	U	0.2	U	0.4		1.2	
10/09/97	NR	1.4		0.3		0.2		1		2.2	
05/01/98	NR	1.1		0.3	U	0.2	U	0.5		4.5	
11/06/98	NR	1.2		0.5	U	0.7	U	0.6	U	1.8	
04/20/99	NR	0.93		0.2	U	0.2	U	0.355	J	1.58	CSH
05/20/99	NR	0.8		0.5	U	0.7	U	0.7	U	1.2	
09/13/99	NR	1.4		0.5	U	0.7	U	0.7	U	1.2	
10/08/99	NR	1.47		0.15	U	0.15	U	0.982		3.07	
05/23/00	NR	0.356	J,ISH	0.075	U,ISH	0.178	J,ISH	0.075	U,ISH	0.59	J,ISH
10/13/00	NR	0.213	J	0.15	U	0.15	U	0.301	J	1.27	
05/10/01	NR	0.379	J	0.15	U	0.15	U	1.3		2.72	
10/17/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.518	J	0.39	U	0.32	U	1.58		3.21	
11/18/02	NR	0.36	U	0.39	U	0.32	U	0.872	J	2.43	
04/10/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	2.86	
07/23/03	NR	0.36	U	0.39	U	0.32	U	0.639	J	2.68	
10/08/03	NR	0.36	U	0.39	U	0.32	U	0.879	J	2.62	
02/25/04	NR	0.5	U	0.5	U	0.45	U	0.955	J	2.76	
04/14/04	NR	0.5	U	0.5	U	0.45	U	0.992	J	3.11	
07/13/04	NR	0.5	U	0.5	U	0.45	U	0.958	J	3.08	
10/20/04	NR	0.5	U	0.5	U	0.45	U	0.949	J	3.4	
01/18/05	NR	0.5	U	0.5	U	0.45	U	0.601	J	3	
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.704	J	3.12	
07/13/05	NR	0.5	U	0.5	U	0.45	U	0.625	J	3.37	
10/12/05	NR	0.5	U	0.5	U	0.45	U	0.666	J	3.38	
04/19/06	NR	0.5	U	0.5	U	0.45	U	1.03	J	3.49	
07/26/06	NR	0.5	U	0.5	U	0.71	U	0.82	J	2.97	
10/18/06	NR	0.15	U,CSL	0.15	U	0.1	U	0.77		2.88	
03/27/07	NR	0.2	U	0.4	U	0.3	U	0.1		2.99	
06/20/07	NR	0.22	J	0.4	U	0.3	U	0.72		2.98	
09/26/07	NR	0.2	U	0.4	U	0.3	U	0.78		3.23	
11/14/07	NR	0.2	U	0.4	U	0.3	U	0.56	J	2.43	
04/02/08	NR	0.2	U	0.4	U	0.3	U	0.66	J	2.49	
06/26/08	NR	0.2	U	0.4	U	0.3	U	0.42	J	3.15	
09/18/08	NR	0.24	J	0.4	U	0.3	U	0.69		2.82	
12/17/08	NR	0.21	J	0.4	U	0.3	U	0.2	U	1.12	J
03/25/09	M	0.22	J	0.4	U	0.3	U	0.34	J	1.96	

TABLE 5A

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS EC-1 THROUGH EC-7

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
07/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	1.13	J
09/22/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.75	J
12/01/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/16/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.52	J
06/30/10	M	0.4	U	0.4	U	0.3	U	0.5	U	2.11	
10/05/10	M	0.4	U	0.4	U	0.3	U	0.5	U	2.61	
12/20/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.83	J
03/30/11	M	0.4	U	0.4	U	0.3	U	0.5	U	3.84	J
04/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	2.05	
06/08/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/19/11	M	0.4	U	0.4	U	0.3	U	0.5	U	2.09	
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.94	J
03/13/12	M	0.4	U	0.4	U	0.3	U	0.5	U	1.5	
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.75	J
10/10/12	M	0.75	U	0.57	U	0.45	U	0.90	U	2.4	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	2.2	
04/02/13	M	0.75	U	0.57	U	0.45	U	0.90	U	2.3	
07/03/13	M	0.28	U	0.43	U	0.47	U	3.1		2.1	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.2	
04/17/14	M	0.25	U	0.24	U	0.25	U	0.25	U	1.3	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
09/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/03/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.35	J
03/25/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.9	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.61	J
09/23/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.0	Dup
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
03/22/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.6	
06/15/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.2	
12/07/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
EC-2 (monitoring well at Grid Coordinate C7)											
10/15/85	NR		NA		NA		NA		NA	13	
12/19/91	NR	2		0.9		0.3		19		8	
06/15/92	NR		NA		NA		NA		NA	8	
06/20/92	NR		NA		NA		NA		NA	8	
05/11/95	NR	3		0.9		1.8		9.9		5.6	
06/15/95	NR		NA		NA		NA		NA	5	
04/30/96	NR	1.4		0.4		0.5		7.8		4.6	
10/04/96	NR	1.3		0.3	U	0.2	U	9.4		5.4	
05/05/97	NR	1.3		0.3	U	0.2	U	7.6		5	
10/09/97	NR	1.2		0.7		0.4		8.5		5.4	
05/01/98	NR	1.2		0.5		0.3		8.4		8	
11/06/98	NR	1.2		1	U	0.7	U	5.9		5.2	
04/20/99	NR	0.947		0.285	J	0.235	J	6.03		5.08	CSH
05/20/99	NR	1		0.5	U	0.7	U	6.8		4.9	
09/13/99	NR	1.3		0.5	U	0.7	U	5.3		4	
10/08/99	NR	1.18		0.296	J	0.199	J	5.54		5.4	
05/24/00	NR	0.819		0.203	J	0.188	J	3.28		4.43	

TABLE 5A

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS EC-1 THROUGH EC-7

Well ID	Sample Date	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)								
			1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE
			MCL/ES/PAL	None/850/85	7/7/0.7	5/5/0.5	5/5/0.5	200/200/40	5/5/0.5		
10/13/00	NR	0.782		0.165		0.225	J	3.74		5.03	
05/10/01	NR	0.216	J	0.15	U	0.16	J	1.53		3.05	
10/17/01	NR	0.38	U	0.38	U	0.26	U	0.878		3.4	
04/22/02	NR	0.36	U	0.39	U	0.32	U	1.49		4.02	
11/18/02	NR	0.36	U	0.39	U	0.32	U	0.965	J	2.82	
04/10/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	2.82	
07/23/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	2.31	
10/07/03	NR	0.578	J	0.39	U	0.32	U	1.54		3.62	
02/25/04	NR	0.5	U	0.5	U	0.45	U	0.819	J	2.95	
04/14/04	NR	0.5	U	0.5	U	0.45	U	0.761	J	3.33	
07/13/04	NR	0.5	U	0.5	U	0.45	U	0.591	J	2.66	
10/20/04	NR	0.5	U	0.5	U	0.45	U	0.699	J	3.71	
01/18/05	NR	0.5	U	0.5	U	0.45	U	0.528	J	3.63	
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	2.74	
07/13/05	NR	0.5	U	0.5	U	0.45	U	0.427	J	3.84	
10/12/05	NR	0.5	U	0.5	U	0.45	U	0.453	J	3.68	
04/19/06	NR	0.5	U	0.5	U	0.45	U	1.04	J	3.27	
07/26/06	NR	0.5	U	0.5	U	0.71	U	0.42	U	1.69	
10/18/06	NR	0.15	U,CSL	0.15	U	0.1	U	0.36	J	2.09	
03/27/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.65	J
06/20/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.92	
09/26/07	NR	0.2	U	0.4	U	0.3	U	0.43	J	2.05	
11/14/07	NR	0.2	U	0.4	U	0.3	U	0.57	J	2.65	
04/02/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	1.96	
06/26/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
09/18/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.77	J
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.5	J	2.85	
03/25/09	L	0.2	U	0.4	U	0.3	U	0.32	J	1.97	
07/21/09	L	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
09/22/09	L	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/01/09	L	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/16/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/30/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/05/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/20/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/30/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
04/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/08/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/19/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/18/14	M	0.24	UA	0.41	UA	0.50	UA	0.50	UA	0.33	UA
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U

EC-5 (monitoring well at Grid Coordinate C7)

TABLE 5A

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS EC-1 THROUGH EC-7

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
10/15/85	NR		NA		NA		NA		NA	1	U
12/18/91	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.4	
06/15/92	NR		NA		NA		NA		NA	1	U
06/20/92	NR		NA		NA		NA		NA	1	U
05/11/95	NR	0.5	U	0.5	U	0.7	U	0.8	U	0.6	U
06/15/95	NR		NA		NA		NA		NA	1	U
04/30/96	NR	0.4	U	0.4	U	0.4	U	0.5		0.7	
10/04/96	NR	0.2	U	0.3	U	0.2	U	0.2	U	0.2	U
05/05/97	NR	0.3		0.3	U	0.2	U	0.4		0.4	
10/09/97	NR	0.2	U	0.2	U	0.2	U	0.3	U	0.2	U
05/01/98	NR	0.2	U	0.3	U	0.2	U	0.2	U	0.2	U
11/06/98	NR	0.2	U	0.5	U	0.7	U	0.6	U	0.6	U
04/20/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.18	U,CSH
05/20/99	NR	1	U	0.5	U	0.7	U	0.7	U	0.6	U
09/13/99	NR	1	U	0.5	U	0.7	U	0.7	U	0.6	U
07/19/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
07/18/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
10/17/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
11/18/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/10/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/23/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/13/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/26/06	NR	0.5	U	0.5	U	0.71	U	0.42	U	0.5	U
09/26/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
09/18/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
09/22/09	L	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/05/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
04/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/19/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/10/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
EC-6 (monitoring well at Grid Coordinate C7)											
10/15/85	NR		NA		NA		NA		NA	4.9	
12/18/91	NR	0.6	J	0.2	U	0.2	U	3	J	1	J
06/15/92	NR		NA		NA		NA		NA	1	
06/20/92	NR		NA		NA		NA		NA	1	
05/11/95	NR	0.5	U	0.5	U	0.7	U	0.8	U	0.6	U
06/15/95	NR		NA		NA		NA		NA	1	
04/30/96	NR	0.7		0.4	U	0.4	U	1.3		1	
10/04/96	NR	0.2	U	0.3	U	0.2	U	0.5		0.6	
05/05/97	NR	0.4		0.3	U	0.2	U	0.6		0.6	
10/09/97	NR	0.2	U	0.2	U	0.2	U	0.3	U	0.2	
05/01/98	NR	0.3		0.3	U	0.2	U	3.8		2.6	

TABLE 5A

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS EC-1 THROUGH EC-7

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
				1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
				None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
11/06/98	NR	0.2	U	0.5	U	0.7	U	0.7	U	0.7	U	0.7	U
04/20/99	NR	0.2	U	0.2	U	0.2	U	0.223	J	0.18	U,CSH	0.18	U,CSH
05/20/99	NR	1	U	0.5	U	0.7	U	0.7	U	0.6	U	0.6	U
09/13/99	NR	1	U	0.5	U	0.7	U	0.7	U	0.6	U	0.6	U
10/08/99	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.589	U	0.589	U
05/24/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U	0.4	U
10/13/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.243	J	0.243	J
05/10/01	NR	0.159	J	0.15	U	0.15	U	0.424	J	0.4	U	0.4	U
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U	0.26	U
04/22/02	NR	0.36	U	0.39	U,SPL	0.32	U,SPL	0.483	J	0.36	U	0.36	U
11/18/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U	0.36	U
04/10/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.42	J	0.42	J
07/23/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U	0.36	U
07/13/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U	0.5	U
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U	0.5	U
10/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U	0.5	U
04/19/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U	0.5	U
06/20/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U	0.2	U
09/18/08	NR	0.2	U	0.4	U	0.3	U	0.23	J	0.4	U	0.4	U
09/22/09	L	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U	0.4	U
10/05/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U	0.4	U
04/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U	0.4	U
10/19/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U	0.4	U
10/10/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U	0.48	U
07/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U	0.43	U
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U	0.33	U
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U	0.33	U
06/15/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U	0.33	U
EC-7 (monitoring well at Grid Coordinate B6, approved for abandonment but maintained for observation,as requested by City)													
10/15/85	NR		NA		NA		NA		NA	1	U	1	U
06/20/92	NR		NA		NA		NA		NA	1	U	1	U
05/11/95	NR	0.5	U	0.5	U	0.7	U	0.8	U	0.6	U	0.6	U
06/15/95	NR		NA		NA		NA		NA	1	U	1	U
04/30/96	NR	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
10/04/96	NR	0.2	U	0.3	U	0.2	U	0.2	U	0.2	U	0.2	U
05/05/97	NR	0.2	U	0.3	U	0.2	U	0.2	U	0.2	U	0.2	U
10/09/97	NR	0.2	U	0.2	U	0.2	U	0.3	U	0.2	U	0.2	U
05/01/98	NR	0.2	U	0.3	U	0.2	U	0.2	U	1	U	1	U
11/06/98	NR	0.2	U	0.5	U	0.7	U	0.6	U	0.6	U	0.6	U
04/20/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.18	U,CSH	0.18	U,CSH
05/20/99	NR	1	U	0.5	U	0.7	U	0.7	U	0.6	U	0.6	U
09/13/99	NR	1	U	0.5	U	0.7	U	0.7	U	0.6	U	0.6	U
07/19/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U	0.4	U
07/17/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U	0.26	U
10/17/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U	0.26	U
04/22/02	NR	0.36	U	0.39	U,SPL	0.32	U,SPL	0.42	U	0.36	U	0.36	U
11/18/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U	0.36	U

TABLE 5A

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS EC-1 THROUGH EC-7

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$)/parts per billion (ppb).

Detected concentrations at or above an applicable NR 140 PAL are in red font and italicized.

Detected concentrations at or above an applicable MCL/NR 140 ES are in red font and bold.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

HS = HydraSleeve.

LF = Low flow.

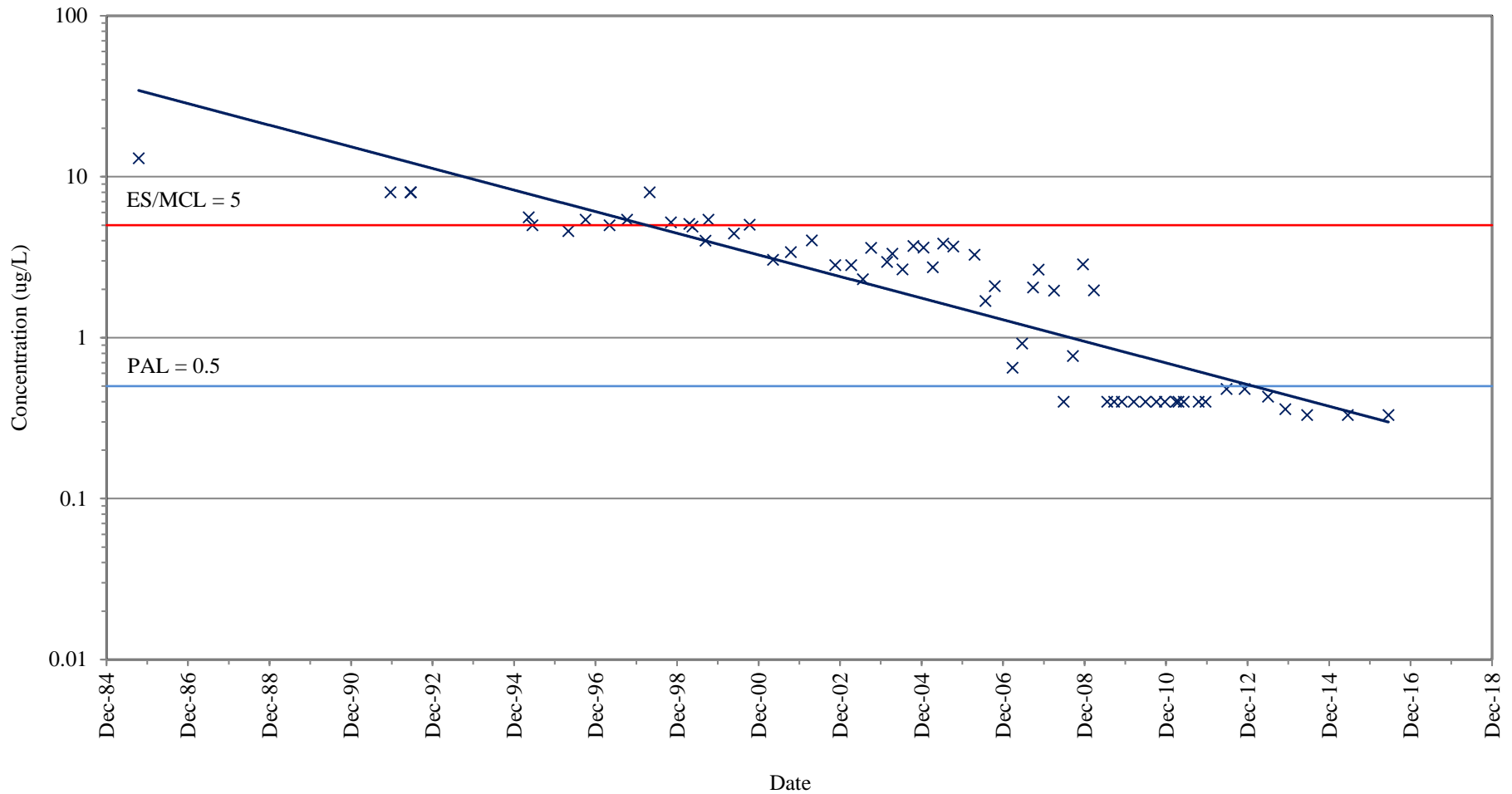
NR = Not recorded until 2009.

PDB = Passive diffusion bag.

H = PDB or HS in upper portion of saturated screened interval.

M = PDB or HS in middle portion of saturated screened interval.

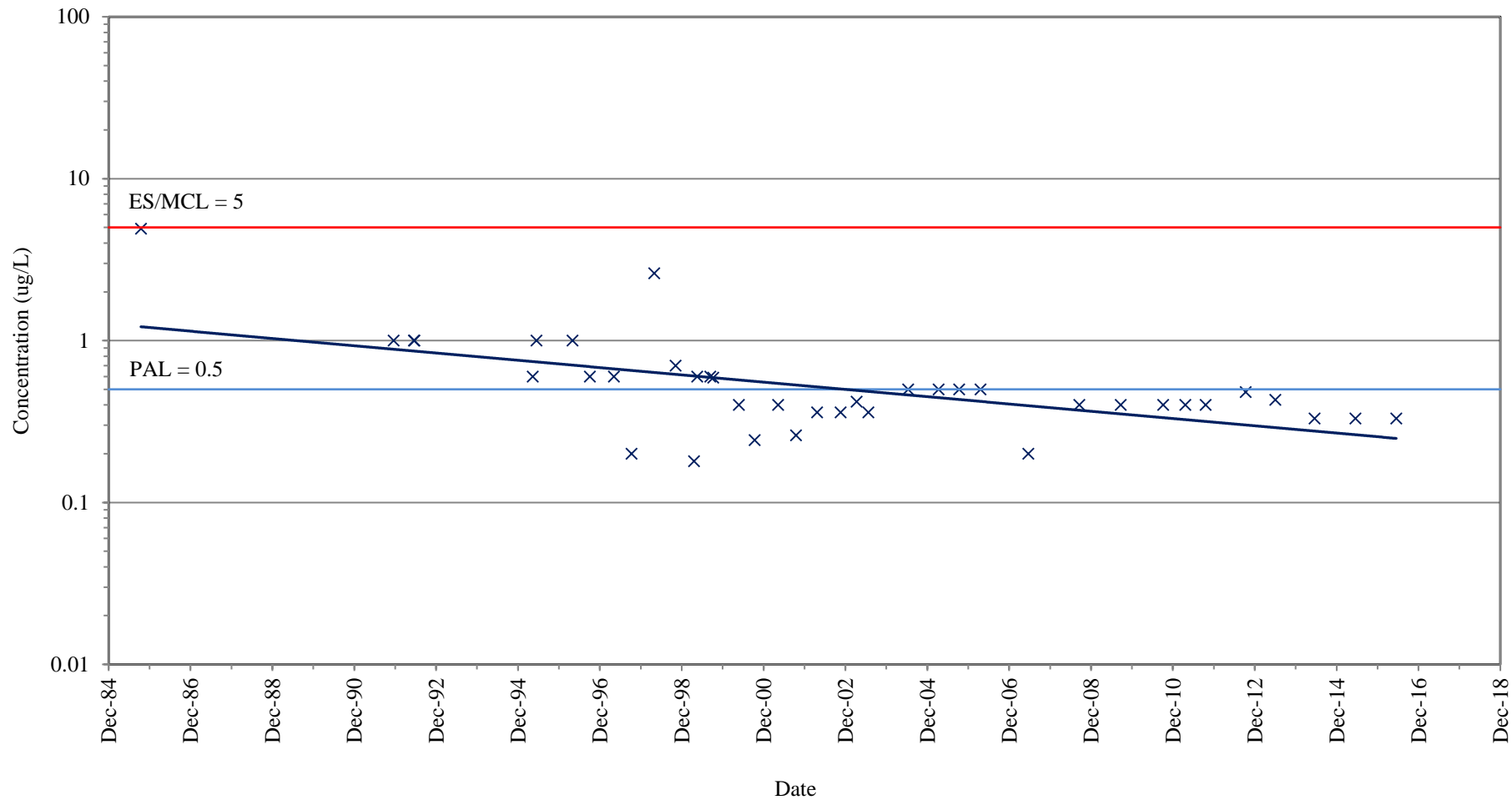
L = PDB or HS in lower portion of saturated screened interval.



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
EC-2 (GRID COORDINATE C7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
EC-6 (GRID COORDINATE C7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
MW-4A (monitoring well at Grid Coordinate K7)											
1/88	NR	0.24	U	0.24	U	0.15	U	0.15	U	0.15	U
5/90	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
4/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.2	U
02/08/94	NR	6		0.2		0.3		26		0.8	
03/28/94	NR	0.01		0.2	ND	0.2	ND	0.2	ND	0.36	ND
06/06/94	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
08/23/94	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
10/27/94	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
01/19/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
04/19/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
07/18/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
10/09/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
01/08/96	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
04/17/96	NR	0.2	ND	0.2	ND	0.2	ND	1.1		0.36	
07/09/96	NR	0.2	ND	0.5		0.2	ND	0.32		0.36	ND
10/02/96	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
04/01/97	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
05/20/97	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
07/22/97	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
10/23/97	NR	0.4	U	0.5	U	0.6	U	0.7	U	0.4	U
01/27/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/22/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/20/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/26/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
01/18/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/12/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/27/99	NR	0.1	U	0.15	U	0.15	U	0.2	U	0.4	U
10/06/99	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.1	U
02/01/00	NR	0.15	U	0.15	U	0.15	U,CSL	0.15	U	0.4	U
06/06/00	NR	0.15	U	0.15	U,SPH	0.15	U	0.15	U	0.4	U
07/18/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
10/11/00	NR	0.15	U,CSH,SPH	0.15	U	0.15	U	0.15	U	0.4	U
01/24/01	NR	0.15	U,SPH	0.15	U	0.15	U	0.15	U,SPH	0.4	U
05/09/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
07/17/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
01/09/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/06/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
02/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
03/16/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
05/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
06/22/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
12/16/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/29/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/06/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.68	J
10/20/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
08/31/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-4B (piezometer at Grid Coordinate K7)											
6/90	NR	7		0.2	J	0.2	J	24		0.7	
7/90	NR	5		0.4		0.4		32		0.9	
4/91	NR	9		0.3	U	0.5		34		2	U
02/08/94	NR	0.2	ND	0.2	ND	0.2	ND	0.09		0.1	
03/28/94	NR	2.1		0.2	ND	0.2	ND	4.1		1	
06/06/94	NR	7.6		1.2		0.2	ND	58		5.6	
08/23/94	NR	2.8		0.2	ND	0.2	ND	28		3.7	
10/27/94	NR	1.5		0.2	ND	0.2	ND	14		3.1	
01/19/95	NR	0.2	ND	0.2	ND	0.2	ND	6.5		3.3	
04/19/95	NR	0.2	ND	0.2	ND	0.2	ND	2.3		1	
07/18/95	NR	0.2	ND	0.2	ND	0.2	ND	4.2		2.6	
10/09/95	NR	0.2	ND	0.2	ND	0.2	ND	3.6		3.9	
01/08/96	NR	0.2	ND	0.2	ND	0.2	ND	1.6		3.7	
04/17/96	NR	0.2	ND	0.2	ND	0.2	ND	1.7		1.8	
07/09/96	NR	0.2	ND	0.2	ND	0.2	ND	0.72		0.36	ND
10/02/96	NR	0.2	ND	0.2	ND	0.3		1.1		2.6	
04/01/97	NR	0.2	ND	0.2	ND	0.2	ND	0.756		0.442	
05/20/97	NR	0.2	ND	0.2	ND	0.2	ND	0.52		0.66	
07/22/97	NR	0.2	ND	0.2	ND	0.2	ND	0.54		0.807	
10/23/97	NR	0.4	U	0.5	U	0.6	U	0.924		1.45	
01/27/98	NR	0.2	U	0.2	U	0.2	U	0.902		0.797	
04/22/98	NR	0.2	U	0.2	U	0.2	U	0.77		2.06	
07/20/98	NR	0.532		0.2	U	0.2	U	5.61		0.975	
10/26/98	NR	0.2	U	0.2	U	0.2	U	0.465		1.4	
01/18/99	NR	0.2	U	0.2	U	0.2	U	0.563	J	0.92	
04/12/99	NR	0.2	U	0.2	U	0.2	U	0.443	J	1.45	CSH
07/27/99	NR	0.191	J	0.15	U	0.213	J	0.942		2.46	
10/06/99	NR	0.164	J	0.15	U	0.15	U	0.764		2.48	
02/01/00	NR	0.15	U	0.15	U	0.15	U,CSL	0.15	U	0.617	J
06/06/00	NR	0.15	U	0.15	U	0.15	U	0.552		1.68	
07/18/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.626	J
10/11/00	NR	0.15	U,CSH,SPH	0.15	U	0.15	U	0.15	U	0.4	U

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U,SPH	7/7/0.7	U	5/5/0.5	U	200/200/40	U,SPH	5/5/0.5	J
01/24/01	NR	0.15	U,SPH	0.15	U	0.15	U	0.15	U,SPH	0.538	J
05/09/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
07/17/01	NR	0.38	U	0.38	U	0.26	U	0.435	J	2.03	
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	1.63	
01/09/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.429	J
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	2.03	
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.23	J	2.37	
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.99	Dup
01/06/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.22	
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.65	CSH
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.449	J	2.29	
02/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.48	J
03/16/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.47	J
04/13/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.43	J
05/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.48	J
06/22/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.55	J
10/18/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.86	
04/14/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.64	J
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.53	J
04/17/06	NR	0.5	U	0.5	U	0.45	U	0.609	J	2.14	
10/17/06	NR	0.15	U,CSL	0.15	U	0.1	U	0.79		1.19	
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.67		1.44	
11/13/07	NR	0.2	U	0.4	U	0.3	U	1.85		1.56	
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.5	J	1.56	
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.44	J	1.52	
07/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	1.25	J
11/30/09	M	0.4	U	0.4	U	0.15	CSH	0.54	J	1.38	
06/29/10	M	2.28		0.4	U	0.3	U	7.51		0.91	J
12/16/10	M	1.2	J	0.4	U	0.3	U	1.82		0.63	J
03/29/11	M	3.86		0.4	U	0.42	J	4.53		0.94	J
06/06/11	M	4.07		0.4	U	0.3	U	10.5		1.2	J
10/20/11	M	1.88		0.4	U	0.3	U	10.5		0.92	
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.44	
03/13/12	M	0.4	U	0.4	U	0.3	U	0.95	J	1.04	J
06/26/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.87	J
10/09/12	M	0.75	U	0.57	U	0.45	U	0.9	U	1.1	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.79	J
04/04/13	M	0.75	U	0.57	U	0.45	U	0.9	U	0.86	J
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.84	J
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.96	J
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.81	J
04/15/14	M	0.16	U	0.41	U	0.50	U	0.50	U	0.87	J
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.8	J
09/15/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.52	J
12/01/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.77	JA
03/23/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.79	J
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	J	0.75	J
09/22/15	M	0.24	U	0.41	U	0.50	U	0.50	J	1.1	
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.43	J
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.83	J
08/31/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.39	JA
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.43	J
MW-10A (monitoring well at Grid Coordinate K8)											
10/87	NR	3.7	J	0.24	U	0.15	U	3.9	J	0.15	U
1/88	NR	3		0.24	U	0.15	U	3		0.15	U
10/88	NR	5.2		0.29	U	0.1	J	4.7		0.21	U
4/91	NR	6		0.3	U	0.1	J	5		0.7	U
12/91	NR	8		0.3	U	0.3	U	7		0.2	U
02/08/94	NR	4		0.2	U	0.07		5		0.2	U
03/28/94	NR	4.1		0.2	U	0.2	U	7.5		0.36	U
06/06/94	NR	3.7		0.2	U	0.2	U	3.5		0.36	U
08/23/94	NR	3		0.2	U	0.2	U	2.5		0.36	U
10/27/94	NR	3		0.2	U	0.2	U	3		0.36	U
01/19/95	NR	3.3		0.2	ND	0.2	U	2.9		0.36	U
04/19/95	NR	2.8		0.2	U	0.2	ND	2.4		0.36	U
07/18/95	NR	1.4		0.2	U	0.2	U	1.3		0.36	U
09/12/95	NR	3.4		0.2	U	0.2	U	4.7		0.36	U
01/08/96	NR	5.6		0.2	U	0.2	U	5.1		0.36	U
04/17/96	NR	3.2		0.2	U	0.2	U	2.5		0.36	U
07/09/96	NR	2.9		0.2	U	0.2	U	2.6		0.36	U
10/02/96	NR	3.6		0.2	U	0.2	U	4.4		0.36	U
05/20/97	NR	0.2	ND	2.91		0.2	U	2.08		0.36	U
10/22/97	NR	6.78		0.5	U	0.6	U	5.63		0.4	U
01/27/98	NR	4.56		0.2	U	0.2	U	3.19		0.36	U
04/21/98	NR	3.28		0.2	U	0.2	U	2.21		0.2	U
07/21/98	NR	3.43		0.2	U	0.2	U	2.29		0.36	U
10/27/98	NR	3.59		0.2	U	0.2	U	2.2		0.36	U
04/12/99	NR	1.65		0.2	U	0.2	U	0.776		0.36	U
10/11/00	NR	1.27		0.15	U	0.15	U	0.723		0.4	U
04/16/14	NR	0.55	J	0.41	U	0.50	U	0.50	U	0.33	U
MW-10B (piezometer at Grid Coordinate K8)											
10/87	NR	0.24	U	0.24	U	0.15	U	1.5	U	1.5	U
1/88	NR	0.24	U	0.24	U	0.15	U	1.5	U	1.5	U
10/88	NR	0.42		0.29	U	0.34	U	0.52	U	0.21	U
4/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.2	U
12/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.2	U
02/08/94	NR	0.02		0.2	U	0.2	U	0.08	U	0.06	U
03/28/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
06/06/94	NR	2.2		0.2	U	0.2	U	0.2	U	0.36	U
08/23/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/27/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
01/19/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/19/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/18/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
09/12/95	NR	1.2		0.2	U	0.2	U	1.9		0.36	U

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
01/08/96	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/17/96	NR	0.41		0.2	U	0.46		0.45		0.36	U
07/09/96	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/02/96	NR	0.78		0.2	U	0.2	U	1.1		0.36	U
04/01/97	NR	3.83		0.2	U	0.2	U	3.62		0.36	U
05/20/97	NR	0.2	U	0.2	U	0.2	U	1.7		0.36	U
07/21/97	NR	0.75		0.2	U	0.2	U	1.19		0.36	U
10/22/97	NR	3.02		0.5	U	0.6	U	3.75		0.4	U
01/27/98	NR	3.44		0.2	U	0.2	U	3.34		0.36	U
04/21/98	NR	2.33		0.2	U	0.2	U	2.34		0.36	U
07/21/98	NR	2.49		0.2	U	0.2	U	2.1		0.433	
10/27/98	NR	2.01		0.2	U	0.2	U	1.34		0.36	U
01/18/99	NR	1.46		0.2	U	0.2	U	1.06		0.36	U
04/12/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/26/99	NR	0.1	U	0.15	U	0.15	U	0.2	U	0.4	U
10/11/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
04/16/14	NR	0.49	JA	0.41	UA	0.50	UA	0.50	UA	0.33	UA
MW-11A (monitoring well at Grid Coordinate K7)											
1/88	NR	1.8		0.24	U	0.15	U	29	D	0.15	U
10/88	NR	9.4		0.51	J	0.43		91	D	0.87	
4/91	NR	7		0.4		0.5		110	D	1	U
10/27/94	NR	13		0.2	U	0.2	U	180		1.4	
04/19/95	NR	0.2	U	0.2	U	0.2	U	6.6		0.36	U
10/09/95	NR	6.7		2.5		0.2	U	130		2.5	
04/17/96	NR	0.86		0.2	U	0.34		9.4		0.44	
10/01/96	NR	0.2	U	0.2	U	0.22		2.3		0.22	
05/20/97	NR	0.2	U	0.2	U	0.2	U	0.13		0.36	U
10/22/97	NR	1.56		0.5	U	0.6	U	7.34		0.4	U
04/21/98	NR	1.72		0.2	U	0.2	U	9.7		0.36	U
10/27/98	NR	0.2	U	0.2	U	0.216		1.16		0.36	U
04/12/99	NR	0.2	U	0.2	U	0.2	U	0.678		0.36	U
10/06/99	NR	0.15	U	0.15	U	0.15	U	1.26		0.1	U,SPL,Dup
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.473	J	0.4	U,CSL
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.207	J	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.577	J	0.36	U
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.715	J	0.36	U
04/11/05	NR	0.5	U	0.4	U	0.45	U	0.42	U	0.5	U
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
MW-11B (abandoned piezometer at Grid Coordinate K7)											
1/88	NR	0.24	U	0.24	U	0.15	U	0.15	U	0.15	U
10/88	NR	0.24	U	0.29	U	0.34	U	0.27	J	0.21	U
4/91	NR	0.2	U	0.3	U	0.3	U	0.4	U	0.2	U
10/27/94	NR	0.2	U	0	U	0.2	U	0.2	U	0.36	U
04/19/95	NR	0.2	U	0	U	0.2	U	0.2	U	0.36	U
10/09/95	NR	0.2	U	0	U	0.2	U	0.2	U	0.36	U
04/17/96	NR	0.2	U	0	U	0.2	U	0.22		0.36	U
10/01/96	NR	0.2	U	0.2	U	0.18		0.29		0.16	

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
05/20/97	NR	0.2	U	0.2	U	0.2	U	0.18		0.36	U
10/22/97	NR	0.4	U	0.5	U	0.6	U	0.7	U	0.4	U
04/21/98	NR	0.2	U	0.2	U	0.2	U	0.268		0.36	U
10/27/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/12/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/06/99	NR	0.15	U	0.15	U	0.15	U	0.438	J	0.1	U,SPL,Dup
06/07/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
10/11/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U,CSL
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.577	J	0.36	U
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/13/05	NR	0.5	U	0.4	U	0.45	U	0.42	U	0.5	U
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
MW-23A (monitoring well at Grid Coordinate J7)											
10/88	NR	1.5		0.29	U	0.34	U	2.3		0.97	
5/90	NR	5		1		0.3		49	D	2	
4/91	NR	5		0.9		0.4		43		3	U
02/08/94	NR	2		0.3		0.2	ND	16		1	
03/28/94	NR	2		0.2	ND	0.2	ND	18		1.5	
06/06/94	NR	2.5		0.2	ND	0.2	ND	37		2.7	
08/23/94	NR	1.8		0.2	ND	0.2	ND	30		2.5	
10/27/94	NR	2.3		0.2	ND	0.2	ND	37		4.4	
01/19/95	NR	2.7		0.2	ND	0.2	ND	30		5.2	
04/19/95	NR	1.9		0.2	ND	0.2	ND	24		6.6	
07/18/95	NR	0.2	ND	0.2	ND	0.2	ND	14		5.7	
10/09/95	NR	0.2	ND	0.2	ND	0.2	ND	7.6		4.4	
01/08/96	NR	0.2	ND	0.2	ND	0.2	ND	4.5		5.5	
04/17/96	NR	0.36		0.2	ND	0.35		3.4		4.8	
07/09/96	NR	0.2	ND	0.2	ND	0.2	ND	2.8		0.36	ND
10/02/96	NR	0.2	ND	0.2	ND	0.43		2.4		3.9	
04/01/97	NR	0.2	ND	0.2	ND	0.2	ND	2.06		4.46	
05/20/97	NR	0.2	ND	2.1		0.2	ND	1.31		2.73	
07/22/97	NR	0.2	ND	0.2	ND	0.2	ND	1.47		2.44	
10/23/97	NR	0.4	U	0.5	U	0.6	U	1.38		3.53	
01/28/98	NR	0.2	U	0.2	U	0.2	U	1.26		3.43	
04/22/98	NR	0.2	U	0.2	U	0.2	U	0.965		3.19	
07/20/98	NR	0.2	U	0.2	U	0.245		0.931		2.9	
10/28/98	NR	0.2	U	0.2	U	0.2	U	0.815		2.71	
01/18/99	NR	0.2	U	0.2	U	0.219	J	0.742	J	2.54	
04/13/99	NR	0.2	U	0.2	U	0.259	J	0.89		2.7	
07/28/99	NR	0.1	U	0.15	U	0.181	J	0.745		2.34	
10/06/99	NR	0.097	J	0.15	U	0.164	J	0.958		3.46	
02/01/00	NR	0.15	U	0.15	U	0.152	J,CSL	0.531		2.01	
06/06/00	NR	0.15	U	0.15	U,CSH	0.15	U	0.521		1.93	
07/18/00	NR	0.15	U	0.15	U	0.15	U	0.395	J	1.48	
01/24/01	NR	0.15	U,SPH	0.15	U	0.15	U	0.2	J,SPH	2.18	
05/09/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
07/17/01	NR	0.38	U	0.38	U	0.26	U	0.551	J	2.28	
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	1.9	
01/09/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	1.81	
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.501	J	2.15	
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.502	J	2.16	
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.82	Dup
01/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.54	
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.78	
07/22/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.74	
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.83	
02/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.56	J
03/16/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.51	J
04/13/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	2.78	J
05/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.64	J
06/22/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.47	J
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.84	
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.71	
01/18/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.6	J
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.75	
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.56	J
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.51	J
01/18/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.73	
04/18/06	NR	0.5	U	0.5	U	0.45	U	0.625	J	2.13	
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.48	J	1.78	
10/16/06	NR	0.15	U	0.15	U	0.1	U	0.2	U	2.19	J
03/26/07	NR	0.15	U	0.15	U	0.1	U	0.2	U	2.34	
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.57	J	2.36	
09/25/07	NR	0.2	U	0.4	U	0.3	U	0.53	J	2.49	
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.58	J	2.46	
03/31/08	NR	0.2	U	0.4	U	0.3	U	0.59	J	2.43	
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.54	J	1.83	
09/18/08	NR	0.2	U	0.4	U	0.3	U	0.47	J	2.37	
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.58	J	2.64	
03/24/09	L	0.2	U	0.4	U	0.3	U	0.2	U	2.2	
07/21/09	L	0.4	U	0.4	U	0.3	U	0.5	U	2.44	
09/22/09	L	0.4	U	0.4	U	0.3	U	0.54	J	2.21	
12/01/09	L	0.4	U	0.4	U	0.15	CSH	0.5	U	0.4	U
03/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	1.43	
06/29/10	M	0.4	U	0.4	U	0.3	U	0.52	J	2.59	
10/05/10	M	0.4	U	0.4	U	0.3	U	0.52	J	2.36	
12/16/10	M	0.4	U	0.4	U	0.3	U	0.5	U	2.27	
03/29/11	M	0.4	U	0.4	U	0.3	U	0.5	U	2.29	
06/07/11	M	0.4	U	0.4	U	0.3	U	0.5	U	2.11	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	2.13	
12/22/11	M	0.4	U	0.4	U	0.3	U	0.5	U	2.06	
03/12/12	M	0.4	U	0.4	U	0.3	U	0.5	U	2.34	
06/26/12	M	0.75	U	0.57	U	0.45	U	0.9	U	1.9	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.9	U	1.8	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.9	U	1.9	

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
04/04/13	M	0.75	U	0.57	U	0.45	U	0.9	U	1.9	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2	
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.7	
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.9	
12/02/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.4	
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.6	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.3	
03/24/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
06/15/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
08/30/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.1	
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.04	JA
MW-23B (piezometer at Grid Coordinate J7)											
10/88	NR	6.4		0.29	U	0.29	U	9.5		1.5	
5/90	NR	8		2		0.6		71	E,R	3	
4/91	NR	5		0.8		0.4		40		3	U
02/08/94	NR	5		0.7		0.4		16		2	
03/28/94	NR	3.5		0.2	ND	0.2	ND	28		1.8	
06/06/94	NR	1.9		0.2	ND	0.2	ND	17		1.1	
08/23/94	NR	4.9		1.6		0.2	ND	59		5.6	
10/27/94	NR	3.8		1.1		0.2	ND	54		6.2	
01/19/95	NR	2.5		0.2	ND	0.2	ND	27		4.3	
04/19/95	NR	0.1		1.1		0.2	ND	29		8	
07/18/95	NR	0.2	ND	0.2	ND	0.2	ND	15		8.2	
10/09/95	NR	0.2	ND	0.2	ND	0.2	ND	3.1		1.5	
01/08/96	NR	0.2	ND	0.2	ND	0.2	ND	4.3		6.8	
04/17/96	NR	0.31		0.2	ND	0.2	ND	2.1		2.9	
07/09/96	NR	0.2	ND	0.2	ND	0.2	ND	2.4		3.2	
10/02/96	NR	0.2	ND	0.2	ND	0.2	ND	2.2		5.5	
04/01/97	NR	0.2	ND	0.2	ND	0.2	ND	0.445		1.96	
05/20/97	NR	0.2	ND	0.2	ND	0.2	ND	0.34		0.86	
07/22/97	NR	0.2	ND	0.2	ND	0.2	ND	1.02		2.19	
10/23/97	NR	0.4	U	0.5	U	0.6	U	1.47		4.07	
01/28/98	NR	0.2	U	0.2	U	0.2	U	0.545		1.34	
04/22/98	NR	0.2	U	0.2	U	0.2	U	1.19		3.95	
07/20/98	NR	0.2	U	0.2	U	0.2	U	0.652		1.7	
10/28/98	NR	0.2	U	0.2	U	0.282		1.06		3.27	
01/18/99	NR	0.2	U	0.2	U	0.2	U	0.233	J	0.752	
04/13/99	NR	0.271	J	0.2	U	0.361	J	1.3		3.78	
07/28/99	NR	0.229	J	0.15	U	0.218	J	1.12		3.33	
10/06/99	NR	0.306	J	0.15	U	0.201	J	1.28		4.06	
02/01/00	NR	0.15	U	0.15	U	0.186	J	0.559		2.08	
06/06/00	NR	0.15	U	0.15	U,SPH	0.075	J,CSL	0.446	J	1.78	
07/18/00	NR	0.188	J	0.15	U	0.156	J	0.765		2.55	
01/24/01	NR	0.15	U,SPH	0.15	U	0.15	U	0.426	J,SPH	2.65	
05/09/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.459	J
07/17/01	NR	0.38	U	0.38	U	0.26	U	0.734		3.06	
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.294	J	2.75	

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
01/09/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.427	J
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.841	J	3.16	
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.768	J	3.28	
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.651	J,Dup	2.92	Dup
01/07/03	NR	0.36	U	0.39	U	0.32	U	0.435	J	2.54	
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	2.69	
07/22/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.55	
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.661	J	3.04	
02/24/04	NR	0.5	U	0.5	U	0.45	U	0.628	J	2.63	
03/16/04	NR	0.5	U	0.5	U	0.45	U	0.53	J	2.94	
04/13/04	NR	0.5	U	0.5	U	0.45	U	0.53	J	1.52	J
05/24/04	NR	0.5	U	0.5	U	0.45	U	0.618	J	3.13	
06/22/04	NR	0.5	U	0.5	U	0.45	U	0.531	J	2.88	
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.746	J	3.49	
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.61	J	3.1	
01/18/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	2.9	
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.461	J	2.9	
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.464	J	2.71	
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.463	J	2.53	
01/18/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	2.89	
04/18/06	NR	0.5	U	0.5	U	0.45	U	0.917	J	3.09	
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.65	J	2.52	
10/16/06	NR	0.15	U	0.15	U	0.16	J	0.2	U	3.25	
03/26/07	NR	0.15	U	0.15	U	0.18	J	0.2	U	3.01	
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.75		3.09	
09/25/07	NR	0.2	U	0.4	U	0.3	U	0.7		2.81	
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.81		3.03	
03/31/08	NR	0.2	U	0.4	U	0.3	U	0.74		2.66	
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.71		3.22	
09/18/08	NR	0.2	U	0.4	U	0.3	U	0.65	J	2.85	
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.81		3.54	
03/24/09	M	0.2	U	0.4	U	0.3	U	0.83		3.18	
07/21/09	M	0.4	U	0.4	U	0.3	U	0.59	J	3.1	
09/22/09	M	0.4	U	0.4	U	0.3	U	0.59	J	3.44	
12/01/09	M	0.4	U	0.4	U	0.15	CSH	0.53	J	3.43	
03/15/10	M	0.4	U	0.4	U	0.15	CSH	0.59	J	2.55	
06/29/10	M	0.4	U	0.4	U	0.3	U	0.62	J	3.28	
10/05/10	M	0.4	U	0.4	U	0.3	U	0.62	J	2.93	
12/16/10	M	0.4	U	0.4	U	0.3	U	0.63	J	3.26	
03/29/11	M	0.4	U	0.4	U	0.3	U	0.56	J	2.82	
06/07/11	M	0.4	U	0.4	U	0.3	U	0.56	J	2.58	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.59	J	2.56	
12/22/11	M	0.4	U	0.4	U	0.3	U	0.59	J	2.79	
06/26/12	M	0.75	U	0.57	U	0.45	U	0.9	U	1.8	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.9	U	3.0	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.9	U	2.7	
04/04/13	M	0.75	U	0.57	U	0.45	U	0.9	U	2.6	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.52	J	2.2	
10/15/13	M	0.28	U	0.43	U	0.47	U	0.48	J	2.5	

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2.3	A
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.3	
12/02/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.0	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.1	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.0	A
03/22/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	
06/15/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.1	
08/30/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.9	
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.9	
MW-34A (monitoring well at Grid Coordinate K8)											
6/90	NR	2		0.1	J	0.6		6		49	
7/90	NR	3		0.3	U	0.7		7		61	
4/91	NR	5		0.3	U	1		8		30	
12/91	NR	7		0.3	U	1		10		51	E.J
7/92	NR	6		0.3	U	2		10		49	
02/08/94	NR	4		0.04		0.9		5		8	
03/28/94	NR	3.3		0.2	ND	0.2	ND	4.9		11	
06/06/94	NR	4.5		0.2	ND	0.2	ND	5.3		12	
08/23/94	NR	3.3		0.2	ND	0.2	ND	5.6		31	
10/27/94	NR	2.8		0.2	ND	0.2	ND	4.4		12	
01/19/95	NR	2.5		0.2	ND	0.2	ND	4.2		20	
04/19/95	NR	3.5		0.2	ND	1.2		7.1		40	
07/18/95	NR	4.2		0.2	ND	1.1		9		43	
10/09/95	NR	5.6		0.2	ND	1.1		9.6		47	
01/08/96	NR	4.7		0.2	ND	1.7		9		61	
04/17/96	NR	12.3		0.2	ND	3.9		21		150	
07/09/96	NR	10		0.2	ND	2.1		15		49	
10/02/96	NR	8.6		0.2	ND	1.8		15		75	
04/01/97	NR	15.5		0.2	ND	1.31		22.5		35.2	
05/21/97	NR	0.2	ND	13.2		0.94		16.2		16.5	
07/21/97	NR	15.8		0.2	ND	1.83		21.8		45.5	
10/22/97	NR	11.7		0.5	U	1.35		15		46	
01/27/98	NR	10.2		0.2	U	1.21		13.3		39.7	
04/21/98	NR	15.4		0.2	U	1.01		17.9		24.1	
07/21/98	NR	13		0.2	U	1.33		14.5		15.1	
10/27/98	NR	7.23		0.2	U	1.22		8.44		17	
01/18/99	NR	3.48		0.2	U	0.2	U	4.03		7.59	
04/12/99	NR	8.17		0.2	U	1.05		7.8		5.94	CSH
07/27/99	NR	5.58		0.15	U	0.899		5.66		7.99	
10/06/99	NR	4.2		0.15	U	0.786		5.28		13.9	Dup,SPL
02/02/00	NR		(1)		(1)		(1)		(1)		(1)
06/07/00	NR		(1)		(1)		(1)		(1)		(1)
07/18/00	NR		(1)		(1)		(1)		(1)		(1)
10/11/00	NR		(1)		(1)		(1)		(1)		(1)
02/07/02	NR	0.406	J	0.38	U	0.85		0.733	J	42.1	
02/21/02	NR	0.38	U	0.38	U	0.931		0.99		42.4	
04/22/02	NR	0.627	J	0.4	U,SPL	1.24	SPL	1.9		47.3	
07/10/02	NR	1.76		0.39	U	1.26		2.35		40.3	

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	Sample Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)								
				1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE
				None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5
10/22/02	NR	1.8	U	1.95	U	1.63		2.1	U	94.7		
01/07/03	NR	1.8	U	1.95	U	1.6	U	2.1	U	52.5		
04/09/03	NR	0.36	U	0.39	U	0.712	J	0.42	U	23.1		
07/22/03	NR	0.36	U	0.39	U	0.797	J	0.635	J	33.8		
10/07/03	NR	1.63		0.39	U	1.12		2.19		17		
04/03/04	NR	1.16		0.45	U	0.613	J	1.51		9.74		
05/24/04	NR	1	U	0.45	U	0.47	J	1.68		3.33		
06/22/04	NR	1.34	J	0.45	U	0.523	J	1.58		4.00		
07/14/04	NR	2.04		0.5	U	0.625	J	2.14		3.75		
10/19/04	NR	1.18	J	0.5	U	0.523	J	1.11	J	4.68		
01/18/05	NR	1.77		0.5	U	0.557	J	1.16	J	2.19		
04/11/05	NR	2.92		0.5	U	0.813	J	1.85		1.11	J	
07/12/05	NR	3.7		0.5	U	0.915	J	2.11		1.07	J	
10/10/05	NR	2.29		0.5	U	0.607	J	1.04	J	0.648	J	
01/18/06	NR	1.93		0.5	U	0.643	J	0.89	J	0.5	U	
04/17/06	NR		(1)		(1)		(1)		(1)		(1)	
07/25/06	NR		(1)		(1)		(1)		(1)		(1)	
10/16/06	NR		(1)		(1)		(1)		(1)		(1)	
09/26/07	NR	0.2	J	0.4	U	0.3	U	0.23	J	0.47	J	
11/13/07	NR	0.65	J	0.4	U	0.3	U	0.28	J	0.37	J	
04/02/08	NR	0.2	U	0.4	U	0.3	U	0.34	J	0.89	J	
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.33	J	0.65	J	
09/18/08	NR	0.28	J	0.4	U	0.3	U	0.2	U	0.4	J	
12/17/08	NR	0.56	J	0.4	U	0.3	U	0.21	J	0.45	J	
03/24/09	B	0.93		0.4	U	0.3	U	0.41	J	0.87	J	
07/21/09	B	1.35		0.4	U	0.3	U	0.5	U	0.57	J	
12/21/10	B	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U	
06/08/11	B	0.8	J	0.4	U	0.3	U	0.5	U	0.72	J	
10/19/11	HS	1.11	J	0.4	U	0.3	U	0.5	U	0.44	J	
12/21/11	HS	1.5		0.4	U	0.36	J	0.5	U	0.48	J	
03/12/12	HS	1.21	J	0.4	U	0.3	J	0.5	U	0.51	J	
06/26/12	HS	1.5		0.57	U	0.45	U	0.9	U	0.48	U	
10/10/12	M	1.6		0.57	U	0.45	U	0.9	U	0.53	J	
04/04/13	M	1		0.57	U	0.45	U	0.9	U	0.48	U	
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.63	J	
10/14/13	M	0.78	J	0.86	U	0.94	U	0.88	U	0.72	U	
12/04/13	M	1.3		0.86	U	0.94	U	0.88	U	0.72	U	
06/16/14	M	0.91	J	0.41	U	0.50	U	0.50	U	0.43	J	
12/01/14	M	0.79	J	0.41	U	0.50	U	0.50	U	0.33	U	
06/15/15	M	0.71	J	0.41	U	0.50	U	0.50	U	0.33	U	
03/21/16	M	0.53	J	0.41	U	0.50	U	0.50	U	0.33	U	
06/13/16	HS	0.59	J	0.41	U	0.50	U	0.50	U	0.33	U	
08/29/16	M	0.5	J	0.41	U	0.50	U	0.50	U	0.33	U	
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U	
MW-34B (piezometer at Grid Coordinate K8)												
6/90	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	
7/90	NR	0.2	U	0.2	U	0.2	U	0.3	U	0.2	U	
4/91	NR	1		0.3	U	0.3		1		0.1		

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
12/91	NR	1		0.3	U	0.3	U	0.8	J	0.9	
7/92	NR	1		0.3	U	1		2		0.3	U
02/08/94	NR	1		0.2	ND	0.2		1		0.05	
03/28/94	NR	8		0.2	ND	0.2	ND	1.8		1.2	
06/06/94	NR	1.9		0.2	ND	0.2	ND	2.1		1	
08/23/94	NR	1.4		0.2	ND	0.2	ND	1.8		1.2	
10/27/94	NR	1.2		0.2	ND	0.2	ND	1.7		0.36	ND
01/19/95	NR	1.3		0.2	ND	0.2	ND	1.6		0.36	ND
04/19/95	NR	1.1		0.2	ND	0.2	ND	2		2.9	
07/18/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
10/09/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
01/08/96	NR	1.4		0.2	ND	0.2	ND	1.6		0.36	ND
04/17/96	NR	1.6		0.2	ND	0.32		1.9		0.63	
07/09/96	NR	1.2		0.2	ND	2.3		1.6		0.44	
10/02/96	NR	1.3		0.2	ND	0.36		1.7		0.48	
04/01/97	NR	0.898		0.2	ND	0.2	ND	1.24		0.367	
05/21/97	NR	0.2	ND	0.94		0.2	ND	1.2		0.28	
07/21/97	NR	1.04		0.2	ND	0.2	ND	1.57		1.02	
10/22/97	NR	1.17		0.5	U	0.6	U	1.5		0.49	
01/27/98	NR	1.91		0.2	U	0.26		2.37		0.895	
04/21/98	NR	1.1		0.2	U	0.2	U	1.5		0.36	U
07/21/98	NR	0.781		0.2	U	0.21		0.958		0.401	
10/27/98	NR	0.942		0.2	U	0.2	U	0.959		0.451	
01/18/99	NR	0.697	J	0.2	U	0.2	U	0.74	J	0.36	U
04/12/99	NR	0.616	J	0.2	U	0.242	J	0.592	J	0.36	U
07/27/99	NR	0.318	J	0.15	U	0.15	U	0.354	J	0.4	U
10/06/99	NR	0.392	J	0.15	U	0.15	U	0.437	J	0.49	Dup,SPL
02/02/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U,CSH,Dup
06/07/00	NR	0.292	J	0.15	U	0.15	U	0.214	J	0.451	J
07/18/00	NR	0.161	J	0.15	U	0.15	U	0.15	U	0.4	U
10/11/00	NR	0.269	J	0.15	U	0.181	J	0.252	J	4.99	
01/24/01	NR	0.156	J,SPH	0.15	U	0.15	U	0.16	U,SPH	0.951	J
05/08/01	NR	0.263	J	0.15	U	0.15	U	0.248	J	0.4	U
07/17/01	NR	0.38	U	0.38	U	0.26	U	0.287	J	0.369	J
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
01/09/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
02/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
03/16/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
05/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
06/22/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/17/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/17/06	NR	0.15	U	0.15	U	0.1	U	0.2	U	0.2	U
03/26/07	NR	0.15	U	0.15	U	0.1	U	0.2	U	0.2	U
06/20/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
09/22/09	LF	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/02/09	B	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/08/11	HS	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/08/11	LF	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/04/12	PDB	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/07/15	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/24/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
08/29/16	M	0.24	UA	0.41	UA	0.50	UA	0.50	UA	0.33	UA
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-34C (piezometer at Grid Coordinate K8)											
02/02/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U,CSH,A
06/07/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
07/18/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
10/11/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
01/24/01	NR	0.16	U,SPH	0.15	U	0.15	U	0.16	U,SPH	0.4	U
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
07/17/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
01/09/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.384	J
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
09/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/10/12	M	0.75	U	0.57	U	0.45	U	0.90	U	2.4	
12/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/07/15	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
08/29/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-35A (monitoring well at Grid Coordinate I7)											
6/90	NR	1		0.3		0.2	J	2		4	
4/91	NR	0.8		0.3	U	0.3		2		5.0	B,J
04/01/08	NR	0.2	U	0.4	U	0.3	J	1.76		4.06	
10/18/11	M	0.4	U	0.4	U	0.3	U	1	J	2.16	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.9	U	2.8	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.72	J	2.9	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.61	J	2.3	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.6	

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
			1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
			None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
06/14/16	M		0.24	U	0.41	U	0.50	U	0.50	U	1.0	
MW-35B (piezometer at Grid Coordinate I7)												
6/90	NR		0.9		0.2	J	0.2	J	1		3	
7/90	NR		0.9		0.3		0.2	U	2		3	
4/91	NR		1		0.3		0.3		2		3	U
04/01/08	NR		0.4	J	0.4	U	0.3	U	1.58		2.15	
10/18/11	M		0.4	U	0.4	U	0.3	U	0.88	J	1.68	
10/10/12	M		0.75	U	0.57	U	0.45	U	0.90	U	1.6	
07/02/13	M		0.28	U	0.43	U	0.47	U	0.49	J	1.3	
06/18/14	M		0.24	U	0.41	U	0.50	U	0.50	U	1.5	
06/16/15	M		0.24	U	0.41	U	0.50	U	0.50	U	1.3	
06/14/16	M		0.24	U	0.41	U	0.50	U	0.50	U	1	
MW-36A (abandoned monitoring well at Grid Coordinate I7)												
6/90	NR		0.2	U	0.2	U	0.2	U	0.2	J	0.2	U
7/90	NR		0.2	U	0.2	U	0.2	U	0.3		0.2	U
04/01/08	NR		0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
MW-36B (abandoned piezometer at Grid Coordinate I7)												
6/90	NR		0.2	U	0.2	U	0.2	U	0.4		0.2	U
7/90	NR		0.2	U	0.2	U	0.2	U	0.4		0.2	U
04/01/08	NR		0.2	U	0.4	U	0.3	U	0.2	J	0.4	U
MW-37A (monitoring well at Grid Coordinate I7)												
4/91	NR		0.1	B,J	0.3	U	0.3	U	0.7	B,J	1	U
04/01/08	NR		0.2	U	0.4	U	0.3	U	0.67		0.4	U
MW-37B (piezometer at Grid Coordinate I7)												
4/91	NR		2		0.3		0.3		4	U	2	U
04/01/08	NR		0.42	J	0.4	U	0.3	U	1.13		0.52	J
10/18/11	M		0.4	U	0.4	U	0.36		0.50	U	0.41	J
10/15/13	M		0.56	U	0.86	U	0.47		0.88	U	0.43	J
06/17/15	M		0.24	U	0.41	U	0.50	U	0.50	U	0.33	U

TABLE 5B

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-4A THROUGH MW-37B

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$)/parts per billion (ppb).

Detected concentrations at or above an applicable NR 140 PAL are in red font and italicized.

Detected concentrations at or above an applicable MCL/NR 140 ES are in red font and bold.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

HS = HydraSleeve.

LF = Low flow.

NR = Not recorded until 2009.

PDB = Passive diffusion bag.

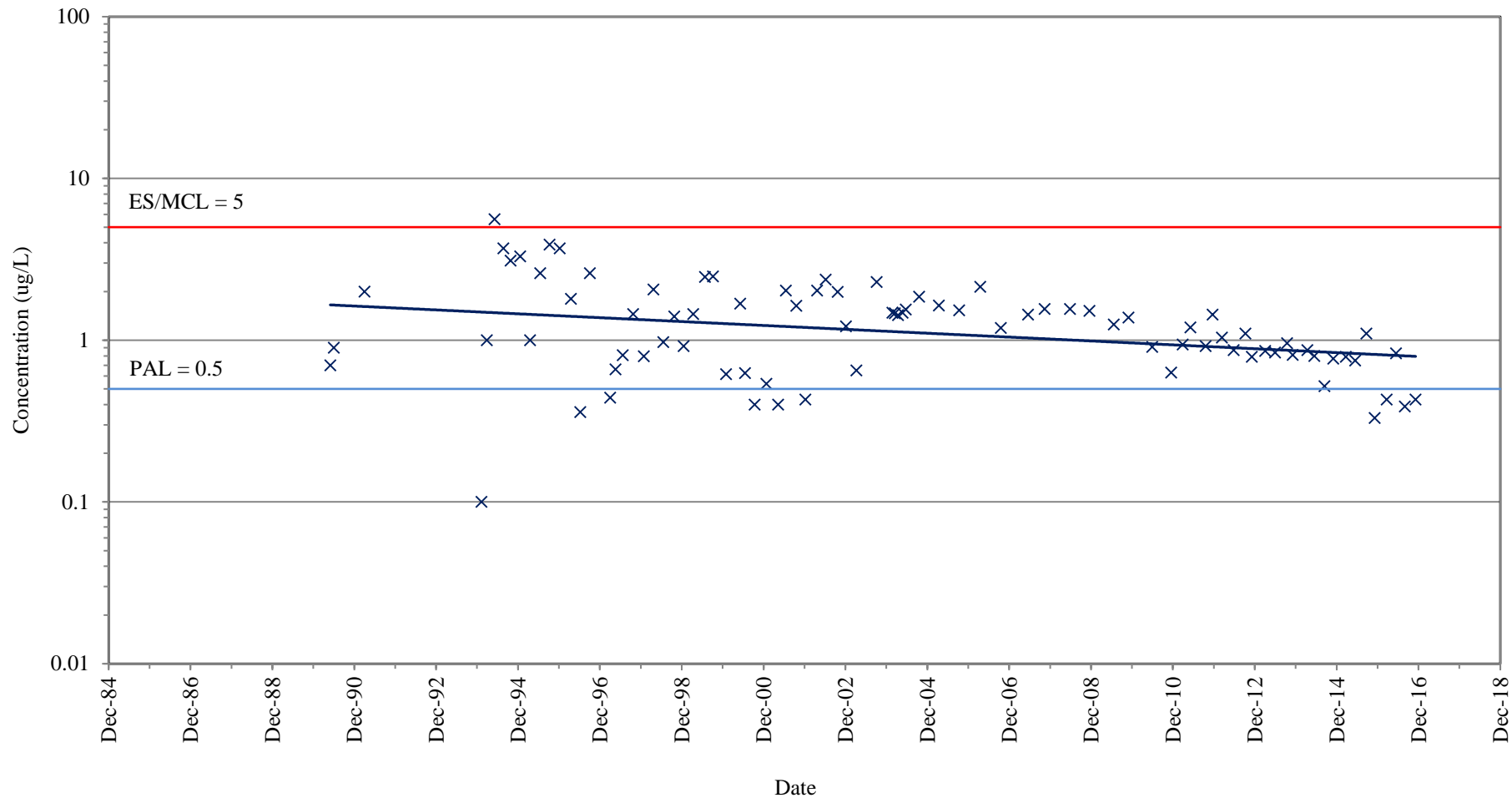
H = PDB or HS in upper portion of saturated screened interval.

M = PDB or HS in middle portion of saturated screened interval.

L = PDB or HS in lower portion of saturated screened interval.

FOOTNOTE:

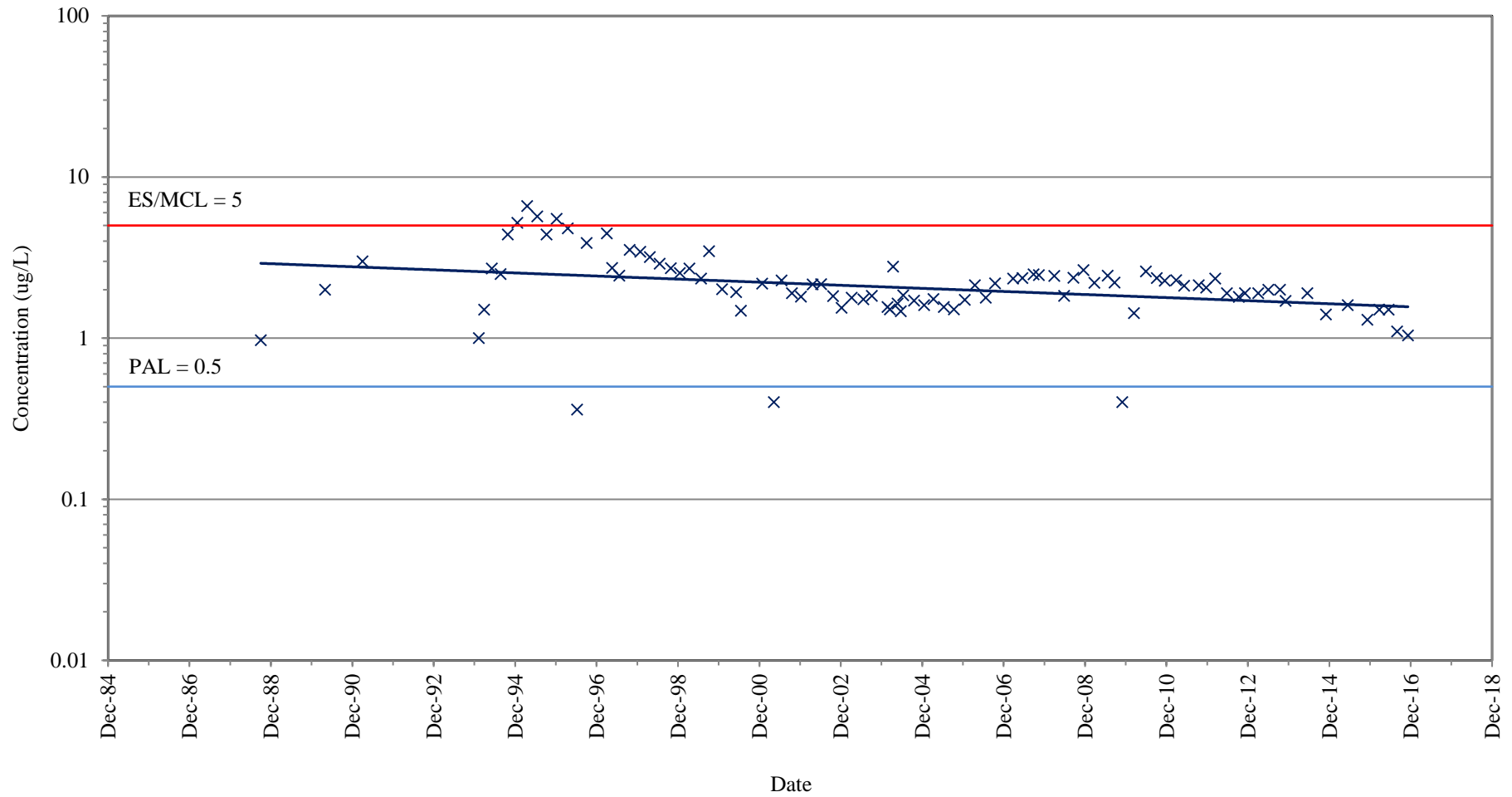
(1) Monitoring well was dry.



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-4B (GRID COORDINATE K7)

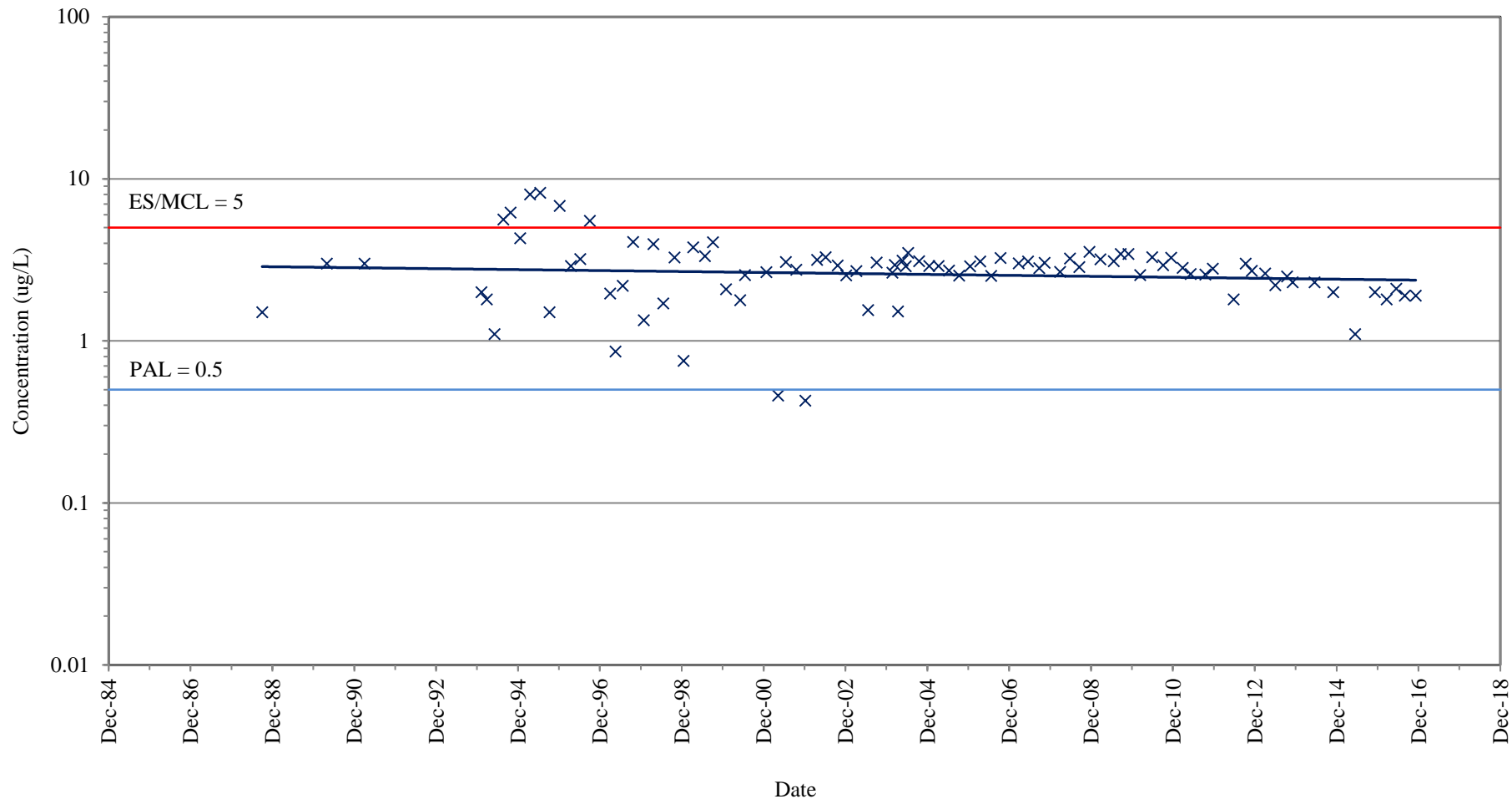
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-23A (GRID COORDINATE J7)

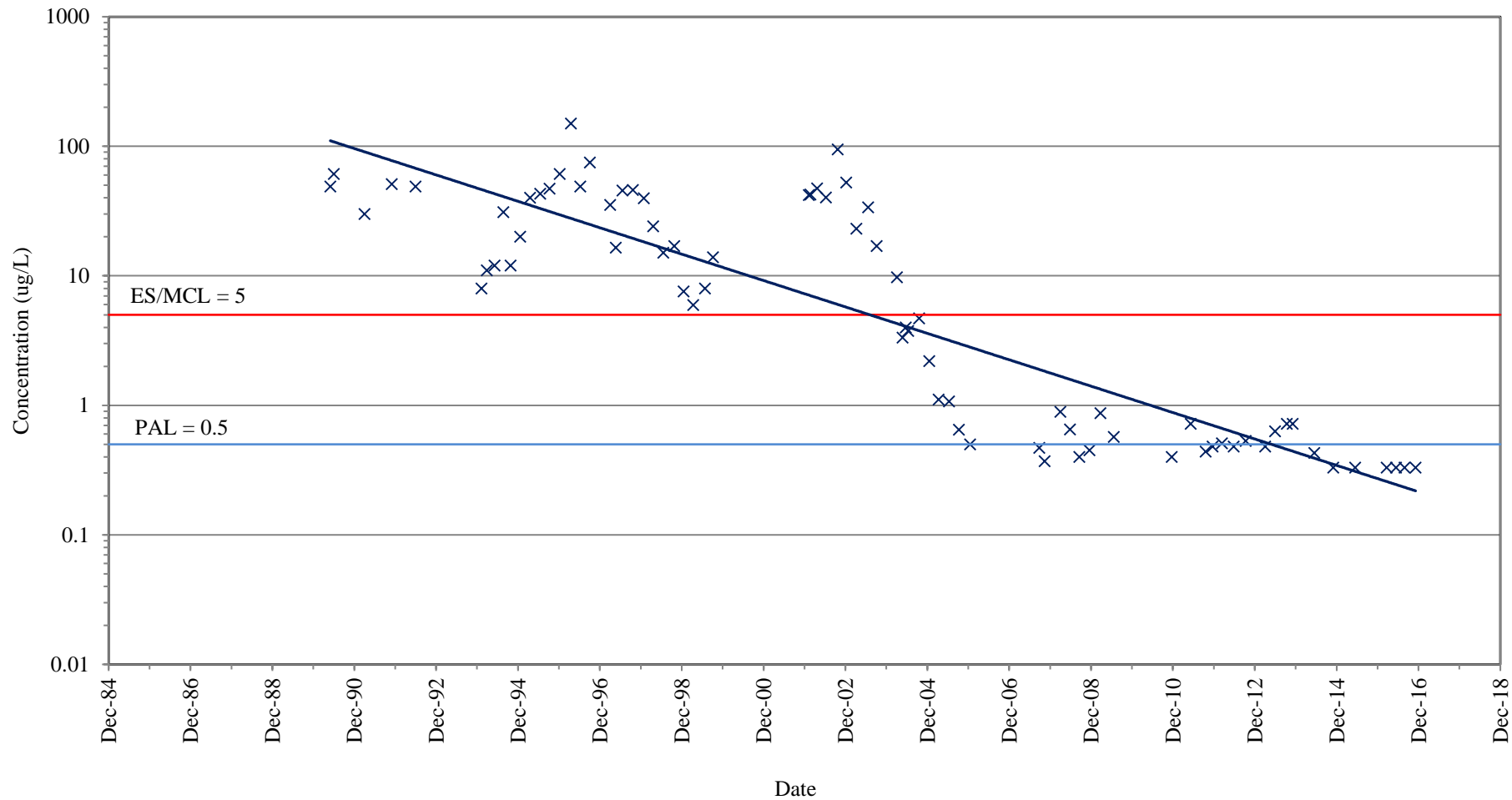
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

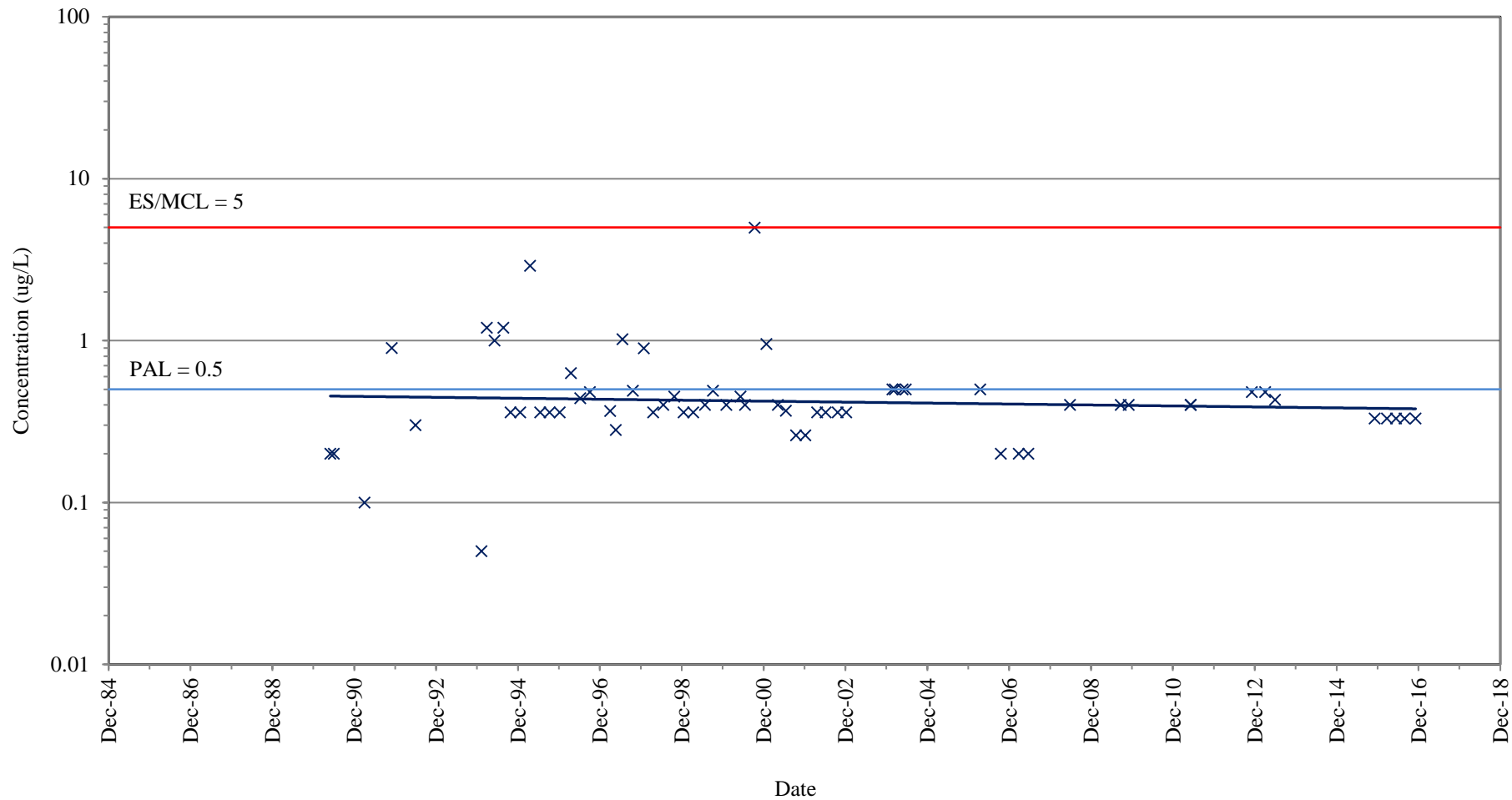
PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-23B (GRID COORDINATE J7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

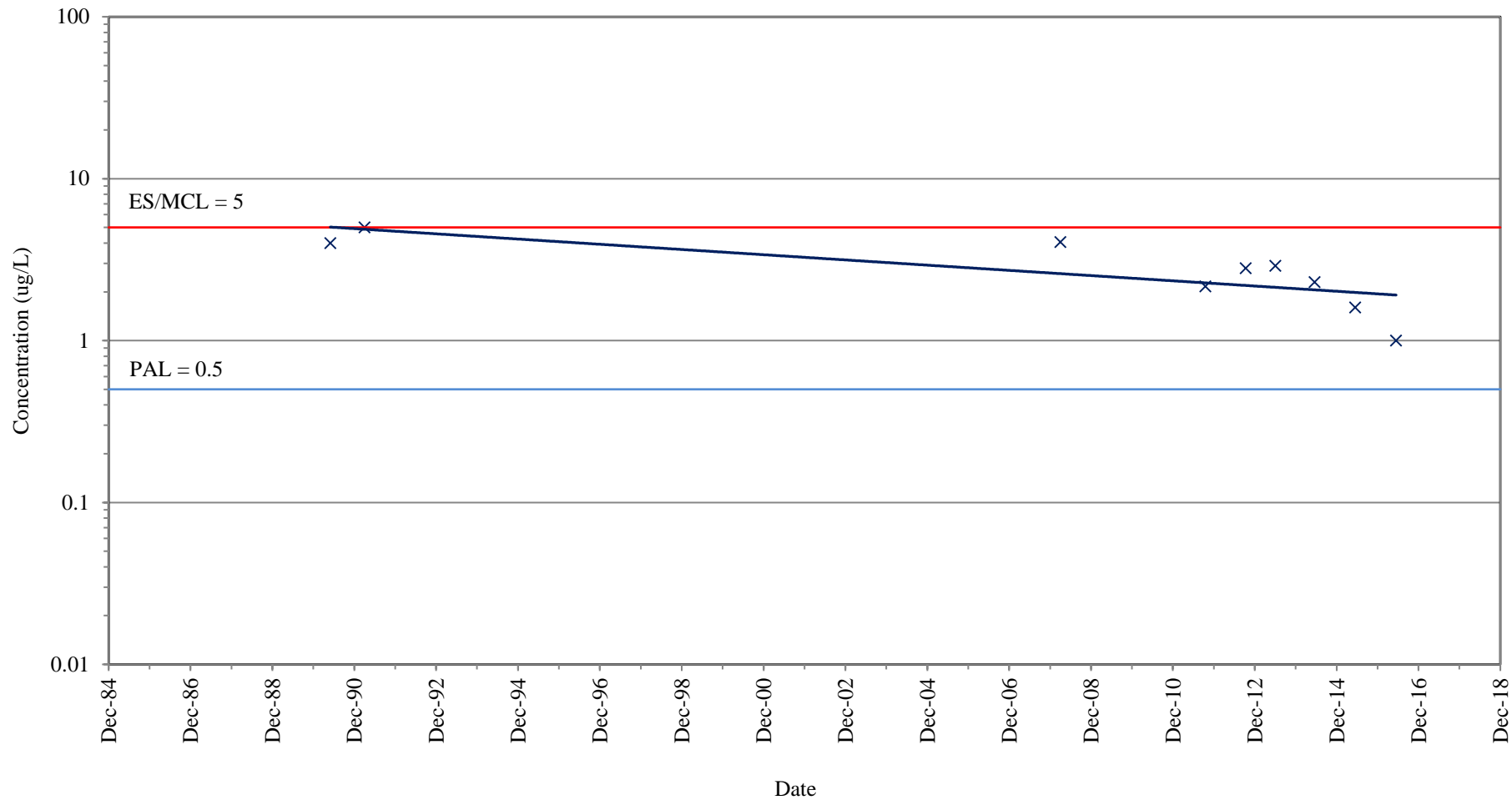
PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-34A (GRID COORDINATE K8)
 NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-34B (GRID COORDINATE K8)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-35A (GRID COORDINATE K7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 5C

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-38A THROUGH MW-49B

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
				1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
				None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
MW-38A (monitoring well at Grid Coordinate I8)													
4/91	NR	4.0		2.0		0.5		52		7.0	B,J		
12/91	NR	3.0		2.0		0.3		39		5.0			
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.74			
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.62	J		
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.42	U	1.33	J		
10/16/06	NR	0.15	U	0.15	U	0.11	J	0.2	U	1.35			
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.32	J	1.75			
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.8			
04/01/08	NR	0.2	U	0.4	U	0.3	U	0.32	J	1.52			
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.25	J	1.13	J		
12/16/08	NR	0.2	U	0.4	U	0.3	U	0.31	J	1.74			
07/21/09	NR	0.4	U	0.4	U	0.3	U	0.5	U	1.6			
12/01/09	L	0.4	U	0.4	U	0.3	U	0.5	U	0.79	J		
06/29/10	M	0.4	U	0.4	U	0.3	U	0.5	U	1.21	J		
10/05/10	M	0.4	U	0.4	U	0.3	U	1.04	J	4.73			
12/16/10	M	0.4	U	0.4	U	0.3	U	0.5	U	1.33			
06/07/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.78	J		
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	2.09	J		
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2.2			
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.6			
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.0			
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.0	A		
MW-38B (piezometer at Grid Coordinate I8)													
4/91	NR	5.0		3.0		1.0		70		11.0	B,J		
12/91	NR	4.0		2.0		0.9		48		10.0			
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.872	J	5.03			
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.957	J	4.07			
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.94	J	3.91			
10/18/06	NR	0.16	J	0.15	U	0.34	J	0.2	U	5.4			
03/26/07	NR	0.17	J	0.15	U	0.38	J	0.2	U	5.01			
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	4.76			
09/25/07	NR	0.2	U	0.4	U	0.3	U	1.05		4.46			
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.96		3.82			
04/01/08	NR	0.2	J	0.4	U	0.3	U	1.12		4.38			
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.78		4.06			
09/18/08	NR	0.2	U	0.4	U	0.34	J	1.12		4.74			
12/16/08	NR	0.2	U	0.4	U	0.46	J	0.96		4.68			
03/24/09	LF	0.2	U	0.4	U	0.39	J	1.2		4.69			
03/24/09	H	0.2	U	NA		0.3	U	1.04		4.66			
03/24/09	L	0.62	J	NA		0.3	J	1.5		4.48			
07/21/09	M	0.4	U,CSH	0.4	U	0.3	U	1.22	J	5.04			
09/22/09	M	0.4	U	0.4	U	0.3	U	1.19	J	4.64			
12/01/09	M	0.4	U	0.4	U	0.31	J	1.17	J	4.68			
03/15/10	M	0.4	U	0.4	U	0.37	J	0.81	J	3.84			

TABLE 5C

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-38A THROUGH MW-49B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
06/29/10	M	0.4	U	0.4	U	0.3	J	1.07	J	4.93	
12/16/10	M	0.4	U	0.4	U	0.3	J	1.06	J	5.22	
03/29/11	M	0.4	U	0.4	U	0.34	J	0.9	J	4.46	
06/07/11	M	0.4	U	0.4	U	0.3	U	0.9	J	3.87	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.88	J	4.23	
06/26/12	M	0.75	U	0.57	U	0.45	U	0.9	U	3.7	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.9	U	3.7	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.68	J	4.1	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.75	J	3.8	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.50	J	2.9	
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	3.0	
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.57	J	3.4	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	3.3	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.79	J	3.7	
12/06/16	M	0.24	U	0.41	U	0.50	U	0.65	J	3.2	
MW-38C (piezometer at Grid Coordinate I8)											
4/91	NR	0.6		0.3	U	0.1	B,J	6.0		3.0	U
12/91	NR	0.2	U	0.3	U	0.3	U	14		4.0	
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	2.58	
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.49	J	1.99	
10/18/06	NR	0.17	J	0.15	U	0.16	J	0.2	U	2.59	
03/26/07	NR	0.18	J	0.15	U	0.14	J	0.2	U	2.52	
09/25/07	NR	0.2	U	0.4	U	0.3	U	0.35	J	2.33	
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.3	J	2.1	
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.36	J	2.27	
12/16/08	NR	0.2		0.4	U	0.3	U	0.43	J	3.16	
07/21/09	M	0.4	U,CSH	0.4	U	0.3	U	1	U	3.01	
12/01/09	M	0.4	U	0.4	U	0.3	U	1	U	2.73	
06/09/10	M	0.4	U	0.4	U	0.3	U	1	U	2.59	
12/16/10	M	0.4	U	0.4	U	0.3	U	1	U	2.56	
06/07/11	M	0.4	U	0.4	U	0.3	U	1	U	2.35	
10/18/11	M	0.4	U	0.4	U	0.3	U	1	U	1.92	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.6	
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.2	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
MW-39A (monitoring well at Grid Coordinate J8)											
4/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.8	
02/08/94	NR	1	U	1	U	1	U	0.2	0.2	0.2	
03/28/94	NR	1	U	1	U	1	U	1	U	1	U
06/06/94	NR	1	U	1	U	1	U	1	U	1	U
08/23/94	NR	1	U	1	U	1	U	1	U	1	U
10/27/94	NR	1	U	1	U	1	U	1	U	1	U
04/19/95	NR	1	U	1	U	1	U	1	U	1	U
04/17/96	NR	0.28	U	0.49	U	0.15	U	0.18	U	0.21	U
05/20/97	NR	0.08	U	0.17	U	0.22	U	0.09	U	0.12	U

TABLE 5C

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-38A THROUGH MW-49B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
04/22/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/27/99	NR	0.1	U	0.15	U	0.15	U	0.2	U	0.4	U
MW-39B (abandoned piezometer at Grid Coordinate J8)											
4/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.2	U
02/08/94	NR	1	U	1	U	1	U	0.2		0.08	
03/28/94	NR	1	U	1	U	1	U	1	U	1	U
06/06/94	NR	1	U	1	U	1	U	1	U	1	U
08/23/94	NR	1	U	1	U	1	U	1	U	1	U
10/27/94	NR	1	U	1	U	1	U	1	U	1	U
04/19/95	NR	1	U	1	U	1	U	1	U	1	U
04/17/96	NR	0.28	U	0.49	U	0.15	U	0.18	U	0.21	U
05/20/97	NR	0.08	U	0.17	U	0.22	U	0.09	U	0.12	U
04/22/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/27/99	NR	0.1	U	0.15	U	0.15	U	0.2	U	0.4	U
07/18/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
07/17/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
MW-41A (monitoring well at Grid Coordinate H8)											
10/15/85	NR		NA		NA		NA		NA	5	
04/22/91	NR	2		2		0.5		41		8	J
12/16/91	NR	2		1		0.4		32		8	
06/15/92	NR		NA		NA		NA		NA	8	
06/20/92	NR		NA		NA		NA		NA	8	
07/15/92	NR		NA		NA		NA		NA	8	
06/15/95	NR		NA		NA		NA		NA	4	
03/16/98	NR		NA		NA		NA		NA	5.08	
04/16/99	NR	0.461	CSH,J,MSH	0.2	U	0.373	J,Dup	1.79		4.98	CSH
10/07/99	NR	0.685	Dup	0.15	U	0.321	J	2.08	Dup	6.76	
05/23/00	NR	0.223	J	0.15	U,CSH	0.213	J	0.938		3.67	
10/12/00	NR	0.363	J	0.15	U	0.29	J	1.6		4.82	
05/09/01	NR	0.15	U	0.15	U	0.227	J	0.794		3.5	
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.36	J	3.63	
04/22/02	NR	0.36	U	0.4	U,SPL	0.32	U,SPL	0.483	J	3.08	
10/23/02	NR	0.36	U	0.39	U	0.32	U	0.781	J	3.66	
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	3.53	
10/08/03	NR	0.36	U	0.39	U	0.32	U	0.618	J	3.3	
04/13/04	NR	0.5	U	0.5	U	0.45	U	0.497	J	2.98	
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.572	J	3.28	
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.428	J	3.02	
10/11/05	NR	0.5	U	0.5	U	0.485	J	0.436	J	3.52	
04/18/06	NR	0.5	U	0.5	U	0.45	U	0.911	J	3.7	
10/18/06	NR	0.15	U,CSL	0.15	U	0.32	J	0.55	J	2.92	
06/20/07	NR	0.2	U	0.4	U	0.56	J	0.69		3.57	
11/13/07	NR	0.2	U	0.4	U	0.33	J	0.57	J	3.02	
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.7		3.63	
12/16/08	NR	0.2	U	0.4	U	0.42	J	0.6	J	3.68	
03/25/09	LF	0.2	U	0.4	U	0.31	J	0.37	J	2.55	
03/25/09	L	0.2	U	NA		0.41	J	0.47	J	3.51	

TABLE 5C

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-38A THROUGH MW-49B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
07/21/09	L	0.4	U	0.4	U	0.3	U	0.5	U	2.13	
12/01/09	L	0.4	U	0.4	U	0.41	J	0.5	U	2.88	
06/29/10	M	0.4	U	0.4	U	0.3	U	0.5	U	2.84	
03/29/11	M	0.4	U	0.4	U	0.38		0.53	J	3.47	
06/07/11	M	0.4	U	0.4	U	0.34	J	0.5	U	3.13	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	3.19	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.90	U	2.6	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.44	U	3.2	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.8	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.7	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.1	
MW-41B (piezometer at Grid Coordinate H8)											
10/15/85	NR		NA		NA		NA		NA	5	
04/22/91	NR	1		0.4		0.3		9		7	J
12/16/91	NR	0.9		0.2	U	0.2	J	5		5	
06/15/92	NR		NA		NA		NA		NA	5	
06/20/92	NR		NA		NA		NA		NA	5	
07/15/92	NR		NA		NA		NA		NA	5	
06/15/95	NR		NA		NA		NA		NA	4	
03/16/98	NR		NA		NA		NA		NA	1.89	
04/16/99	NR	1.13		0.2	U	0.254	J	2		3.79	CSH
10/07/99	NR	1.5	Dup	0.15	U	0.255	J	2.28	Dup	5.78	
05/23/00	NR	0.545		0.15	U,CSH	0.206	J	0.873		2.16	
10/12/00	NR	0.28	J	0.15	U	0.15	U	0.619		1.23	
05/09/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.555	J
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.586	J	3.64	
04/22/02	NR	0.36	U	0.39	U,SPL	0.32	U,SPL	0.488	J	2.87	
10/23/02	NR	0.36	U	0.39	U	0.32	U	1.1	J	3.64	
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	3.5	
10/08/03	NR	0.36	U	0.39	U	0.32	U	0.748	J	3.53	
04/13/04	NR	0.5	U	0.5	U	0.45	U	0.651	J	3.57	
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.615	J	3.53	
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	3.53	
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.457	J	3.69	
04/18/06	NR	0.5	U	0.5	U	0.45	U	0.9	J	3.89	
10/18/06	NR	0.15	U,CSL	0.15	U	0.1	U	0.52	J	3.19	
06/20/07	NR	0.2	J	0.4	U	0.3	U	0.68		3.62	
11/13/07	NR	0.2	J	0.4	U	0.3	U	0.57	J	2.95	
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.66	J	3.97	
12/16/08	NR	0.2	U	0.4	U	0.44	J	0.63	J	3.86	
07/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	3.07	
12/01/09	M	0.4	U	0.4	U	0.3	U	0.56	J	3.44	
06/29/10	M	0.4	U	0.4	U	0.3	U	0.58	J	3.77	
03/29/11	M	0.4	U	0.4	U	0.3	U	0.6	J	2.97	
06/07/11	M	0.4	U	0.4	U	0.3	U	0.53	J	2.81	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	3.07	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.9	U	2.7	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.47	J	2.7	

TABLE 5C

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-38A THROUGH MW-49B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.5	U	3	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.7	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.3	
MW-43A (monitoring well at Grid Coordinate H7)											
10/15/85	NR		NA		NA		NA		NA	5	
04/19/91	NR	0.5		0.3	U	0.4		3		7	J
12/16/91	NR	0.6		0.2	U	0.2	J	3		6	
06/15/92	NR		NA		NA		NA		NA	6	
06/20/92	NR		NA		NA		NA		NA	6	
07/15/92	NR		NA	1	U		NA	1	U	6	
06/15/95	NR		NA		NA		NA		NA	5	
07/27/95	NR	2	J		NA		NA	4	J	5	J
01/10/96	NR		NA		NA		NA		NA	5	
03/16/98	NR		NA		NA		NA		NA	3.8	
04/16/99	NR	2.68	CSH,MSH	0.227	J,MSH	0.276	J,Dup	4.72		4.36	CSH
10/07/99	NR	2.78		0.161	J,MSH	0.158	J,MSL	4.95		3.72	
05/23/00	NR	2.49		0.282	J,CSH	0.18	J	4.03		3.75	
10/12/00	NR	1.04		0.207	J	0.28	J	7.37		4.87	
05/09/01	NR	1.56		0.15	U	0.178	J	3.15		3.0	
10/18/01	NR	0.68	J	0.38	U	0.26	U	1.98		3.41	
04/22/02	NR	0.36	U	0.39	U,SPL	0.32	U,SPL	1.51		2.6	
10/23/02	NR	0.808	J	0.39	U	0.32	U	2.67		3.3	
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.981	J	3.08	
10/08/03	NR	0.63	J	0.39	U	0.32	U	2.2		3.46	
04/13/04	NR	0.5	U	0.5	U	0.45	U	1.69		3.02	
10/19/04	NR	0.602	J	0.5	U	0.45	U	1.55		3.04	
04/12/05	NR	0.5	U	0.5	U	0.45	U	1.21	J	2.92	
10/11/05	NR	0.5	U	0.5	U	0.45	U	1.04	J	3.46	
04/18/06	NR	0.5	U	0.5	U	0.45	U	1.61		3.65	
10/18/06	NR	0.41	J	0.16	J	0.3	J	0.2	U	3.9	
06/20/07	NR	0.31	J	0.4	U	0.3	U	1.36		3.8	
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.98		2.96	
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.89		2.9	
12/16/08	NR	0.2	U	0.4	U	0.3	U	0.88		3.55	
07/21/09	L	0.4	U,CSH	0.4	U	0.3	U	1.51	J	4.18	
12/01/09	L	0.4	U	0.4	U	0.3	U	1.52	J	4.15	
06/29/10	M	0.4	U	0.4	U	0.3	U	1.43	J	4.8	
03/29/11	M	0.4	U	0.4	U	0.3	U	0.77	J	3.87	
06/07/11	M	0.4	U	0.4	U	0.3	U	0.87	J	3.45	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.86	J	3.6	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.9	U	3.3	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.88	J	3.6	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.63	J	2.9	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.5	U	2.7	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.5	U	1.7	
MW-43B (piezometer at Grid Coordinate H7)											
10/15/85	NR		NA		NA		NA		NA	4.7	

TABLE 5C

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-38A THROUGH MW-49B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		I,I-DCA		I,I-DCE		PCE		I,I-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
04/23/91	NR	1		0.3		0.3		2		5.0	U
12/16/91	NR	1		0.3		0.2	J	3		4	
06/15/92	NR		NA		NA		NA		NA	4	
06/20/92	NR		NA		NA		NA		NA	4	
07/15/92	NR		NA		NA		NA		NA	4	
06/15/95	NR		NA		NA		NA		NA	2	
07/27/95	NR	4	J	0.3	J		NA	6	J	2	J
03/16/98	NR		NA		NA		NA		NA	1.01	
04/16/99	NR	9.52	CSH,MSH	1.11	MSH	0.38	J,Dup	15.3		3.57	CSH
10/07/99	NR	9.16		1.1		0.304	J,MSL	15.3		2.93	
05/23/00	NR	6.35		0.918	CSH	0.263	J	8.27		2.19	
10/12/00	NR	1.57		0.15	U	0.15	U	2.39		0.73	
05/09/01	NR	0.371	J	0.15	U	0.15	U	0.718		0.4	U
10/18/01	NR	3.01		0.38	U	0.313	J	5.37		2.63	
04/22/02	NR	2.35		0.39	U,SPL	0.32	U,SPL	6		1.81	
10/23/02	NR	3.37		0.39	U	0.33	J,Dup	6.38		2.49	
04/09/03	NR	1.06	J	0.39	U	0.32	U	3.77		2.24	
10/08/03	NR	2.34		0.39	U	0.32	U	4.61		2.43	
04/13/04	NR	1.86		0.5	U	0.45	U	0.42	U	2.27	
10/19/04	NR	1.97		0.5	U	0.45	U	3.9		2.62	
04/12/05	NR	1.27	J	0.5	U	0.45	U	2.91		2.44	
10/11/05	NR	1.18	J	0.5	U	0.45	U	2.84		2.74	
04/18/06	NR	1.44	J	0.5	U	0.45	U	2.77		3.13	
10/18/06	NR	1		0.5		0.32	J	2.79		3.05	
06/20/07	NR	0.67		0.44	J	0.3	U	2.09		2.55	
11/13/07	NR	0.53	J	0.4	U	0.3	U	1.79		2.23	
06/25/08	NR	0.49	J	0.4	U	0.3	U	1.91		2.75	
12/16/08	NR	0.42	J	0.76		0.3	U	1.66		2.63	
07/21/09	M	0.59	J,CSH	1	U	0.3	U	0.165	J	2.56	
12/01/09	M	0.46	J	0.4	J	0.3	U	1.5	J	2.69	
06/29/10	M	0.47	J	0.4	U	0.3	U	1.5	J	2.95	
03/29/11	M	0.4	U	0.4	U	0.3	U	1.22	J	2.25	
06/07/11	M	0.4	U	0.4	U	0.3	U	0.95	J	1.92	
10/18/11	M	0.4	U	0.4	U	0.3	U	1.15	J	2.47	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.9	U	2.2	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.82	J	2.3	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.58	J	1.9	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.2	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.54	J	2.0	
MW-44A (abandoned monitoring well at Grid Coordinate F6)											
12/91	NR	0.5		0.2	U	0.2	U	2		2	
04/01/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.90	J
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.95	J
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-44B (abandoned piezometer at Grid Coordinate F6)											
12/91	NR	0.2		0.2		0.2		2		0.7	

TABLE 5C

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-38A THROUGH MW-49B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
04/01/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.42	J
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-45A (monitoring well at Grid Coordinate F6)											
10/15/85	NR		NA		NA		NA		NA	2	
12/19/91	NR	0.8	J	0.3	J	0.3	J	9	J	2	J
06/15/92	NR		NA		NA		NA		NA	2	
06/20/92	NR		NA		NA		NA		NA	2	
07/15/92	NR		NA		NA		NA		NA	2	
06/15/95	NR		NA		NA		NA		NA	2	
07/27/95	NR	0.4	J		NA		NA	4	J	2	J
03/16/98	NR		NA		NA		NA		NA	1.43	
04/15/99	NR	0.301	CSH,J	0.2	U	0.353	J	3.62		3.08	MSH
10/07/99	NR	0.15	U	0.15	U	0.171	J	1.1	Dup	1.74	
05/23/00	NR	0.15	U	0.15	U,CSH	0.171	J	0.772		0.4	U
10/12/00	NR	0.15	U	0.15	U	0.15	U	0.29	J	0.868	
05/09/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
10/17/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.76	J
04/22/02	NR	0.36	U	0.4	U,SPL	0.32	U,SPL	0.42	U	0.36	U
10/24/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.593	J
04/10/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.466	J
10/08/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.557	J
04/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.823	J
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.524	J
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.814	J
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.981	J
04/18/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.18	J
10/18/06	NR	0.15	U,CSL	0.15	U	0.1	U	0.2	U	0.61	J
06/20/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.91	
11/14/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.90	
06/26/08	NR	0.2	U	0.4	U	0.3	U	0.21	J	0.46	J
12/16/08	NR	0.2	U	0.4	U	0.3	U	0.34	J	0.87	J
03/25/09	LF	0.2	U	0.4	U	0.3	U	0.2	U	0.95	J
03/25/09	H	0.2	U	NA		0.3	U	0.23	J	1.19	J
07/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	1.35	
12/01/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.91	J
06/29/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.57	J
12/20/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.82	J
06/07/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/15/13	M	0.56	U	0.86	U	0.94	U	0.88	U	0.71	J
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.2	
MW-45B (piezometer at Grid Coordinate F6)											
10/15/85	NR		NA		NA		NA		NA	2	
12/19/91	NR	6		2		0.3		56	J	9	
06/15/92	NR		NA		NA		NA		NA	9	

TABLE 5C

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-38A THROUGH MW-49B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
06/20/92	NR		NA		NA		NA		NA	9	
07/15/92	NR		NA		NA		NA		NA	9	
06/15/95	NR		NA		NA		NA		NA	3	
07/27/95	NR	1	J	0.7	J		NA	11		3	J
03/16/98	NR		NA		NA		NA		NA	1.69	
04/15/99	NR	0.774	CSH	0.424	J	0.303	J	7.15		5.68	MSH
10/07/99	NR	0.721	Dup	0.389	J	0.257	J	5.05	Dup	6.52	
05/23/00	NR	0.15	U	0.15	U,CSH	0.15	U	1.03		1.63	
10/12/00	NR	0.338	J	0.166	J	0.258	J	2.85		5.34	
05/09/01	NR	0.15	U	0.15	U	0.183	J	1.45		4.2	
10/17/01	NR	0.38	U	0.38	U	0.26	U	0.567	J	3.31	
04/22/02	NR	0.36	U	0.39	U,SPL	0.32	U,SPL	0.489	J	3.19	
10/24/02	NR	0.36	U	0.39	U	0.32	U	0.907	J	3.78	
04/10/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	2.99	
10/08/03	NR	0.36	U	0.39	U	0.32	U	0.848	J	3.9	
04/14/04	NR	0.5	U	0.5	U	0.45	U	0.587	J	3.23	
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.741	J	3.94	
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.512	J	3.44	
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.516	J	4.06	
04/18/06	NR	0.5	U	0.5	U	0.45	U	0.861	J	4.37	
10/18/06	NR	0.15	U,CSL	0.15	U	0.1	U	0.6	J	3.42	
06/20/07	NR	0.2	U	0.4	U	0.3	U	0.81		4.21	
11/14/07	NR	0.2	U	0.4	U	0.3	U	0.69		3.67	
06/26/08	NR	0.2	U	0.4	U	0.3	U	0.86		4.78	
12/16/08	NR	0.2	U	0.4	U	0.3	U	0.52	J	3.89	
03/25/09	LF	0.2	U	0.4	U	0.3	U	0.2	U	0.93	J
03/25/09	H	0.2	U		NA	0.3	U	0.59	J	0.4	U
03/25/09	L	0.2	U		NA	0.3	U	0.57	J	3.55	
07/21/09	LF	0.4	U	0.4	U	0.3	U	0.65	J	3.23	
07/21/09	H	0.4	U	0.4	U	0.3	U	0.58	J	3.78	
07/21/09	L	0.4	U	0.4	U	0.3	U	0.5	U	1.65	
06/29/10	M	0.4	U	0.4	U	0.3	U	0.58	J	4.09	
12/20/10	M	0.4	U	0.4	U	0.3	U	0.67	J	4.36	
06/07/11	M	0.4	U	0.4	U	0.3	U	0.55	J	3.37	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.54	J	3.39	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.9	U	2.7	
07/03/13	M	0.28	U	0.43	U	0.47	U	0.50	J	3.2	
07/03/13	M	0.28	U	0.43	U	0.47	U	3.2	J	3.3	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	3.2	
12/03/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.9	A
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.7	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.78	J
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.7	
MW-45C (piezometer at Grid Coordinate F6)											
10/15/85	NR		NA		NA		NA		NA	3	
12/19/91	NR	3		1		0.3		25		9	
06/15/92	NR		NA		NA		NA		NA	9	
06/20/92	NR		NA		NA		NA		NA	9	

TABLE 5C

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-38A THROUGH MW-49B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
07/15/92	NR		NA	1.0	U		NA	1	U	9	
06/15/95	NR		NA		NA		NA		NA	8	
07/27/95	NR	2	J	0.5	J		NA	12		8	J
01/11/96	NR		NA		NA		NA		NA	7.6	
03/16/98	NR		NA		NA		NA		NA	1.19	
04/15/99	NR	1.42	CSH	0.2	U	0.258	J	3.14		5.65	MSH
10/07/99	NR	1.09		0.15	U	0.198	J	2.21		5.09	
05/23/00	NR	0.264	J	0.15	U,CSH	0.15	U	0.605		0.4	U
10/12/00	NR	0.539		0.15	U	0.15	U	1.35		3.23	
05/09/01	NR	0.274	J	0.15	U	0.229	J	1.06		3.85	
10/17/01	NR	0.38	U	0.38	U	0.26	U	0.567	J	0.947	
04/22/02	NR	0.36	U	0.39	U,SPL	0.32	U,SPL	0.772	J	3.62	
10/23/02	NR	0.36	U	0.39	U	0.32	U	1.22	J	4.63	
04/10/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	4.63	
10/08/03	NR	0.36	U	0.39	U	0.32	U	1.29	J	4.83	
04/14/04	NR	0.5	U	0.5	U	0.45	U	0.901	J	3.82	
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.804	J	4.01	
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.593	J	3.96	
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.517	J	4.16	
04/18/06	NR	0.5	U	0.5	U	0.45	U	0.93	J	4.43	
10/18/06	NR	0.19	J	0.15	U	0.21	J	0.78		4.04	
06/20/07	NR	0.2	U	0.4	U	0.3	U	0.75		3.71	
11/14/07	NR	0.2	U	0.4	U	0.3	U	0.51	J	2.89	
06/26/08	NR	0.2	U	0.4	U	0.3	U	0.63	J	2.87	
12/16/08	NR	0.23	J	0.4	U	0.3	U	0.7		3.87	
07/21/09	M	0.4	U	0.4	U	0.3	U	0.64	J	3.82	
12/01/09	M	0.4	U	0.4	U	0.3	U	0.61	J	3.96	
06/29/10	M	0.4	U	0.4	U	0.3	U	0.54	J	3.64	
12/20/10	M	0.4	U	0.4	U	0.3	U	0.56	J	3.55	
06/07/11	M	0.4	U	0.4	U	0.3	U	0.56	J	3.27	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.3	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.9	U	2.0	
07/03/13	M	0.28	U	0.43	U	0.47	U	3.2		2.5	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.7	
12/03/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	3.8	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.3	A
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.9	
MW-47A (monitoring well at at Grid Coordinate G7)											
12/91	NR	0.4		0.2	U	0.2	U	2		2	
4/08	NR	0.2	U	0.4	U	0.3	U	0.27	J	0.91	J
10/19/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.67	J
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.83	J
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.76	J
MW-47B (piezometer at Grid Coordinate G7)											
12/91	NR	0.2	U	0.2	U	0.2	U	0.6		0.8	
4/08	NR	0.2	U	0.4	U	0.3	U	0.4	U	0.4	U

TABLE 5C

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-38A THROUGH MW-49B

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
			1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
			None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
	10/19/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
	10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-48A (abandoned monitoring well at Grid Coordinate E6)												
	12/91	NR	0.2	U	0.2	U	0.2	U	0.5		0.9	
	04/02/08	NR	0.2	U	0.4	U	0.3	U	0.1		0.4	U
MW-48B (abandoned piezometer at Grid Coordinate E6)												
	12/91	NR	0.2	U	0.2	U	0.2	U	0.4		0.7	
	04/02/08	NR	0.2	U	0.4	U	0.3	U	0.4	U	0.4	U
MW-49A (monitoring well at Grid Coordinate D6)												
	12/91	NR	0.2	U	0.2	U	0.2	U	0.3		0.7	
	04/03/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
	10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.53	J
	10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.46	J
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	J
MW-49B (piezometer at Grid Coordinate D6)												
	12/91	NR	0.3		0.2	U	0.2	U	2		1	
	04/03/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.49	J
	10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
	10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
	06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	J

TABLE 5C

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-38A THROUGH MW-49B

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$)/parts per billion (ppb).

Detected concentrations at or above an applicable NR 140 PAL are in red font and italicized.

Detected concentrations at or above an applicable MCL/NR 140 ES are in red font and bold.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

HS = HydraSleeve.

LF = Low flow.

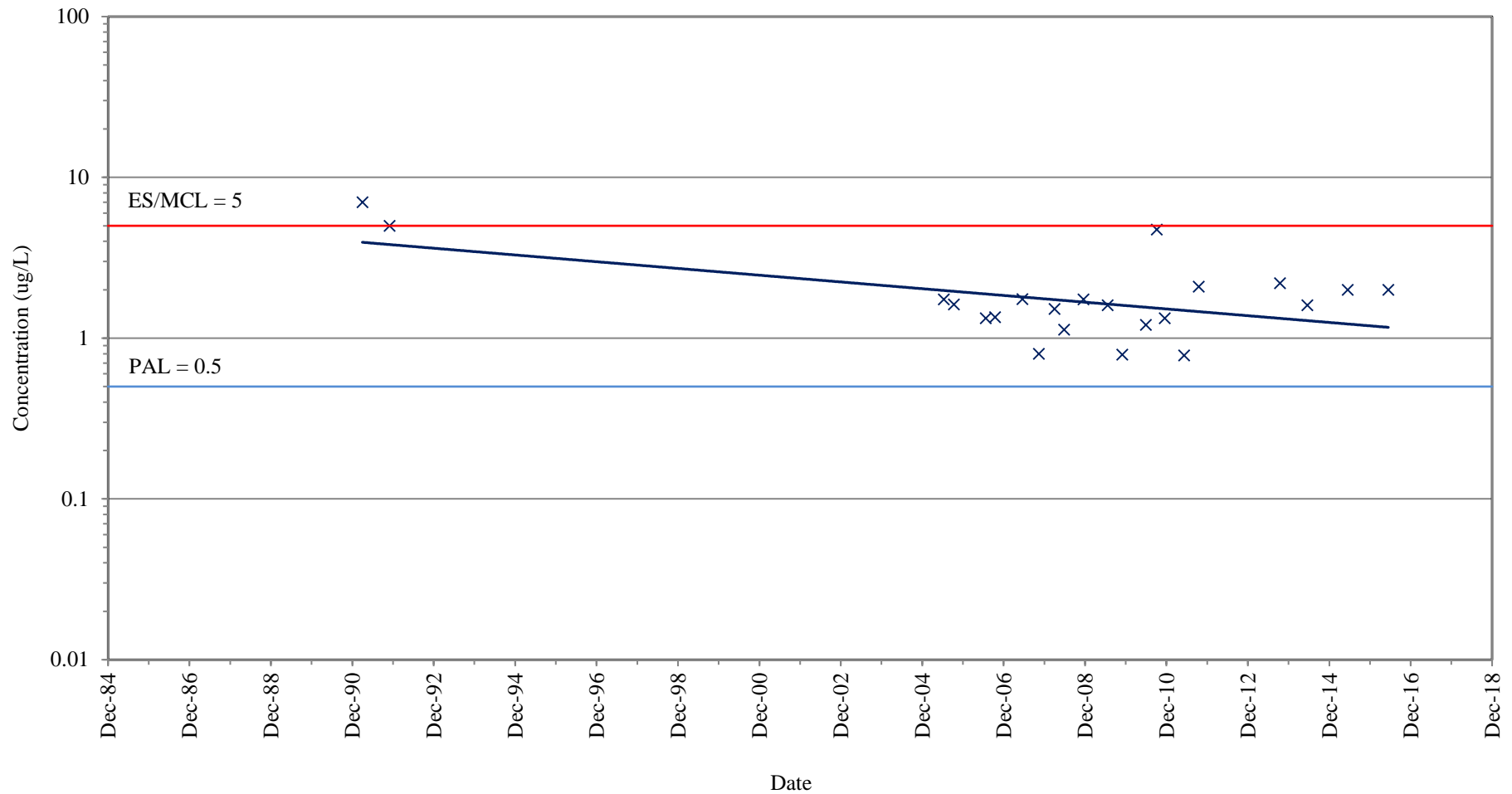
NR = Not recorded until 2009.

PDB = Passive diffusion bag.

H = PDB or HS in upper portion of saturated screened interval.

M = PDB or HS in middle portion of saturated screened interval.

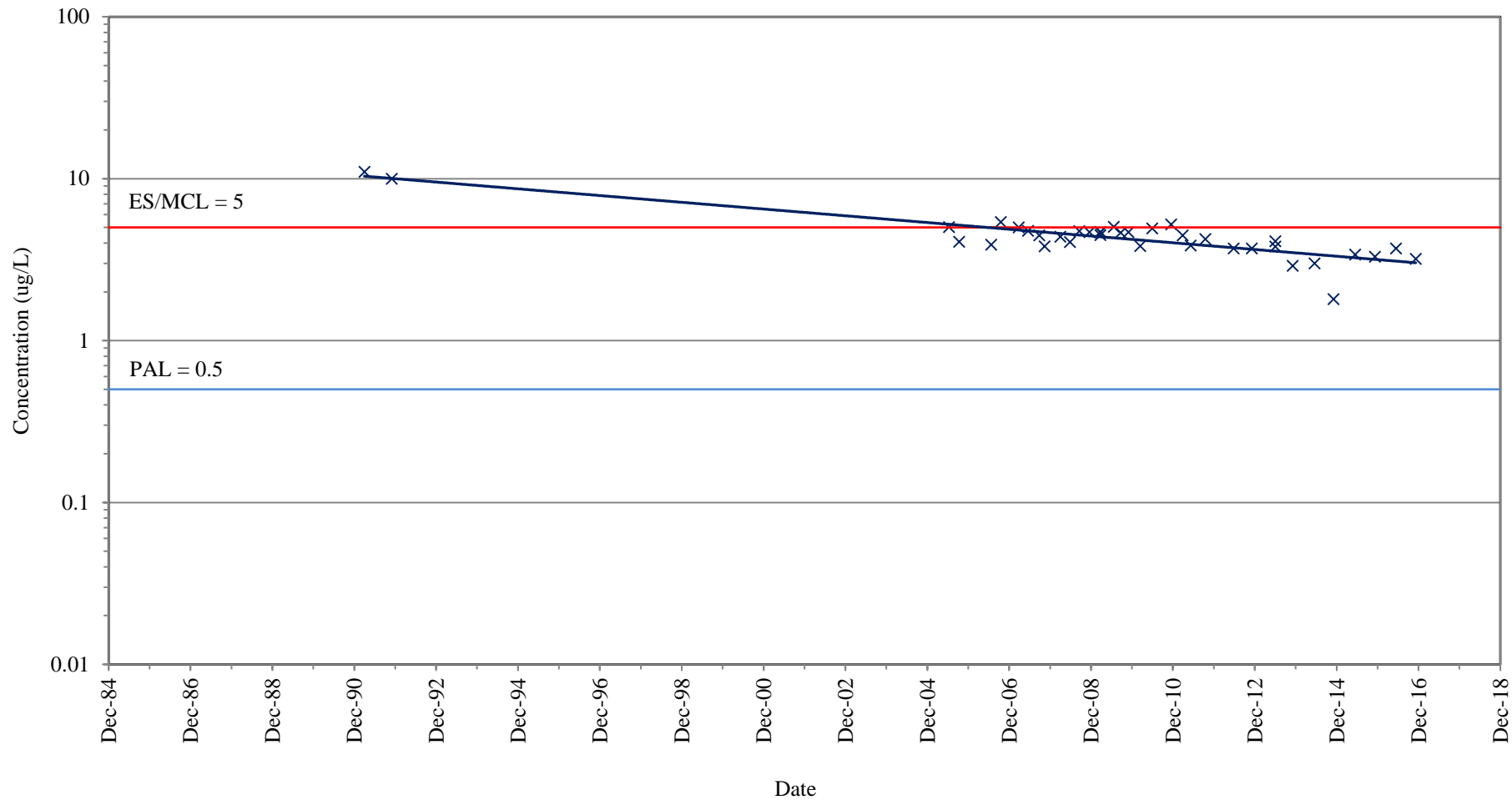
L = PDB or HS in lower portion of saturated screened interval.



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-38A (GRID COORDINATE I8)

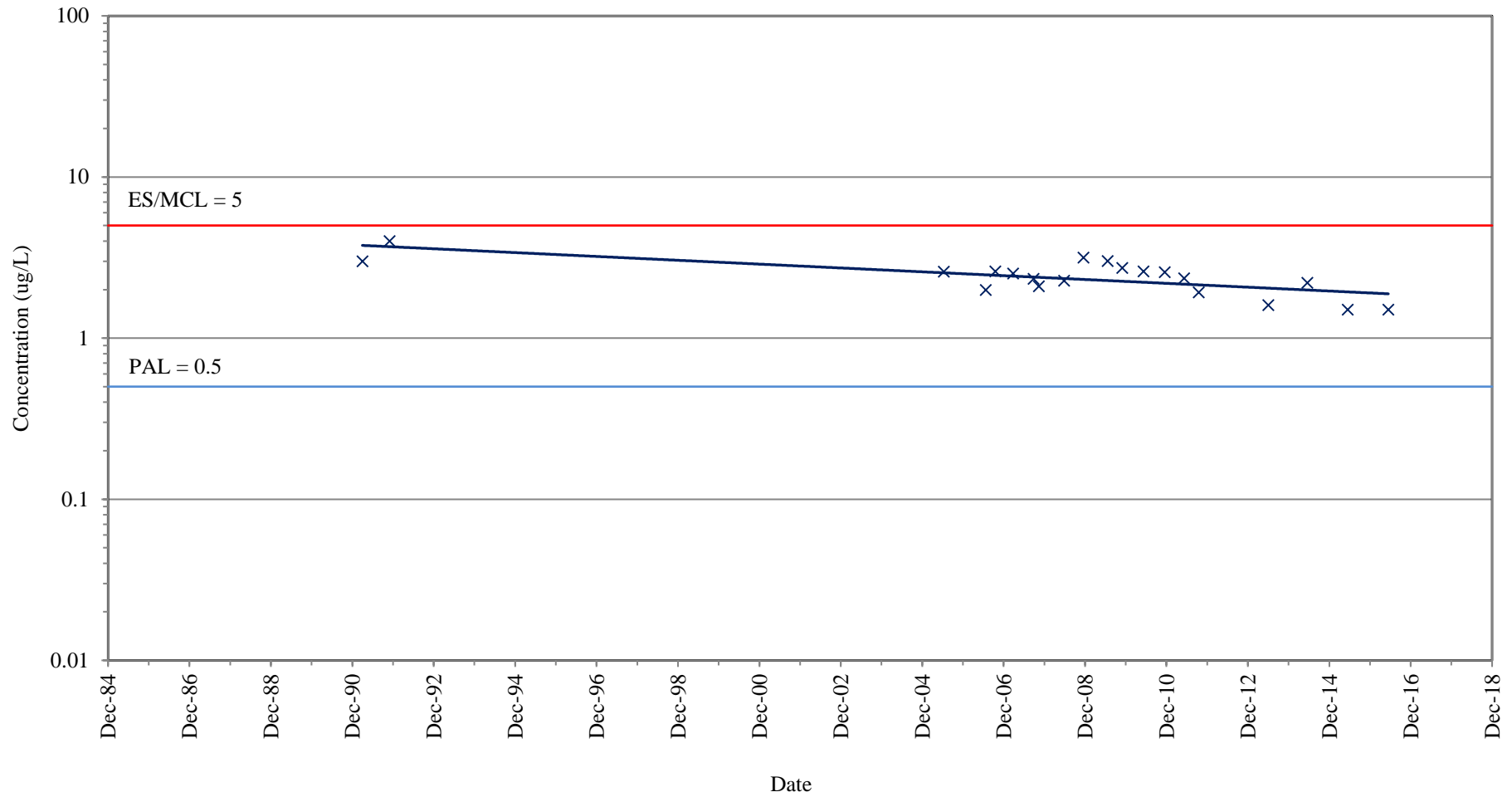
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-38B (GRID COORDINATE I8)

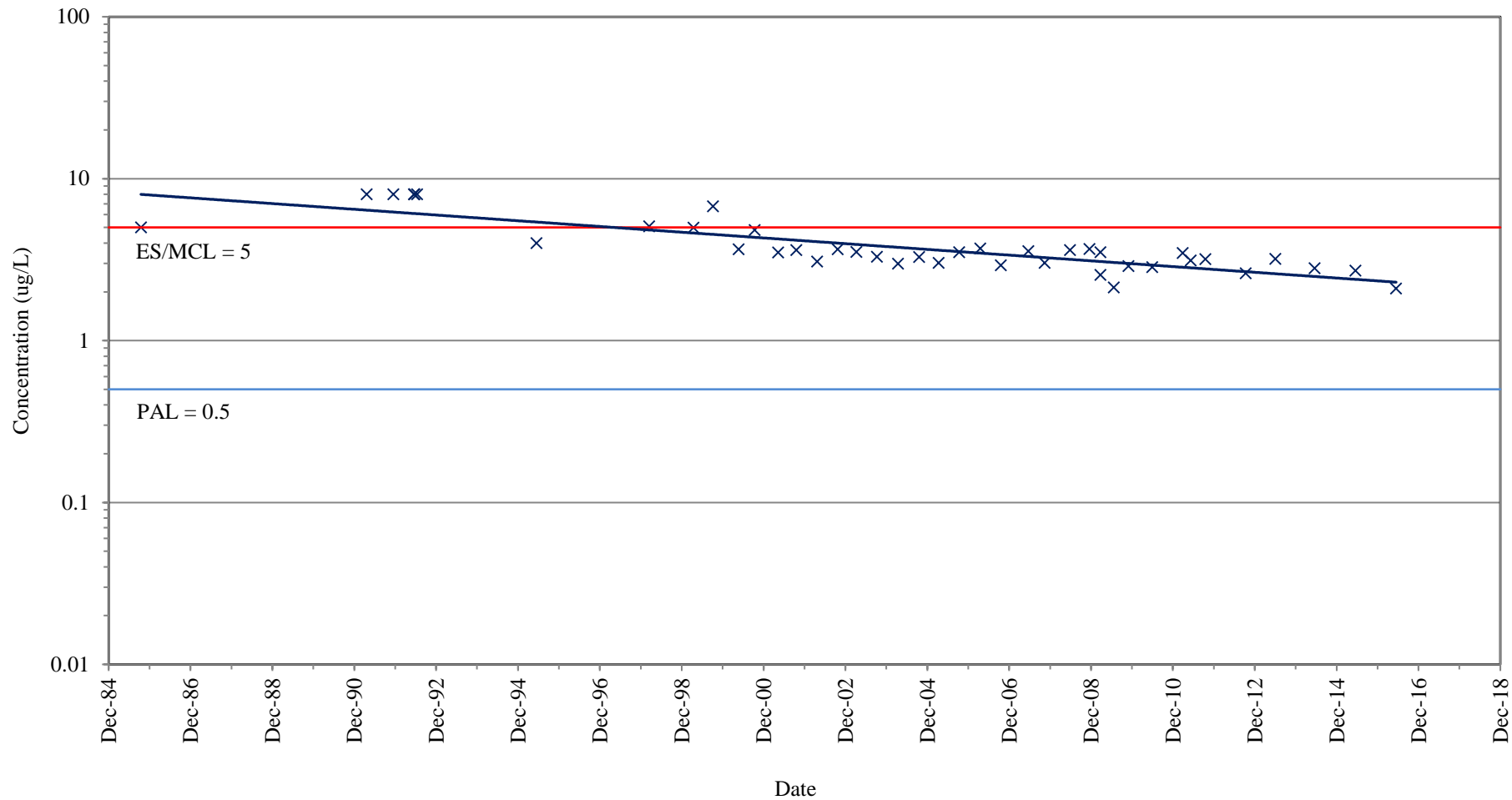
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-38C (GRID COORDINATE I8)

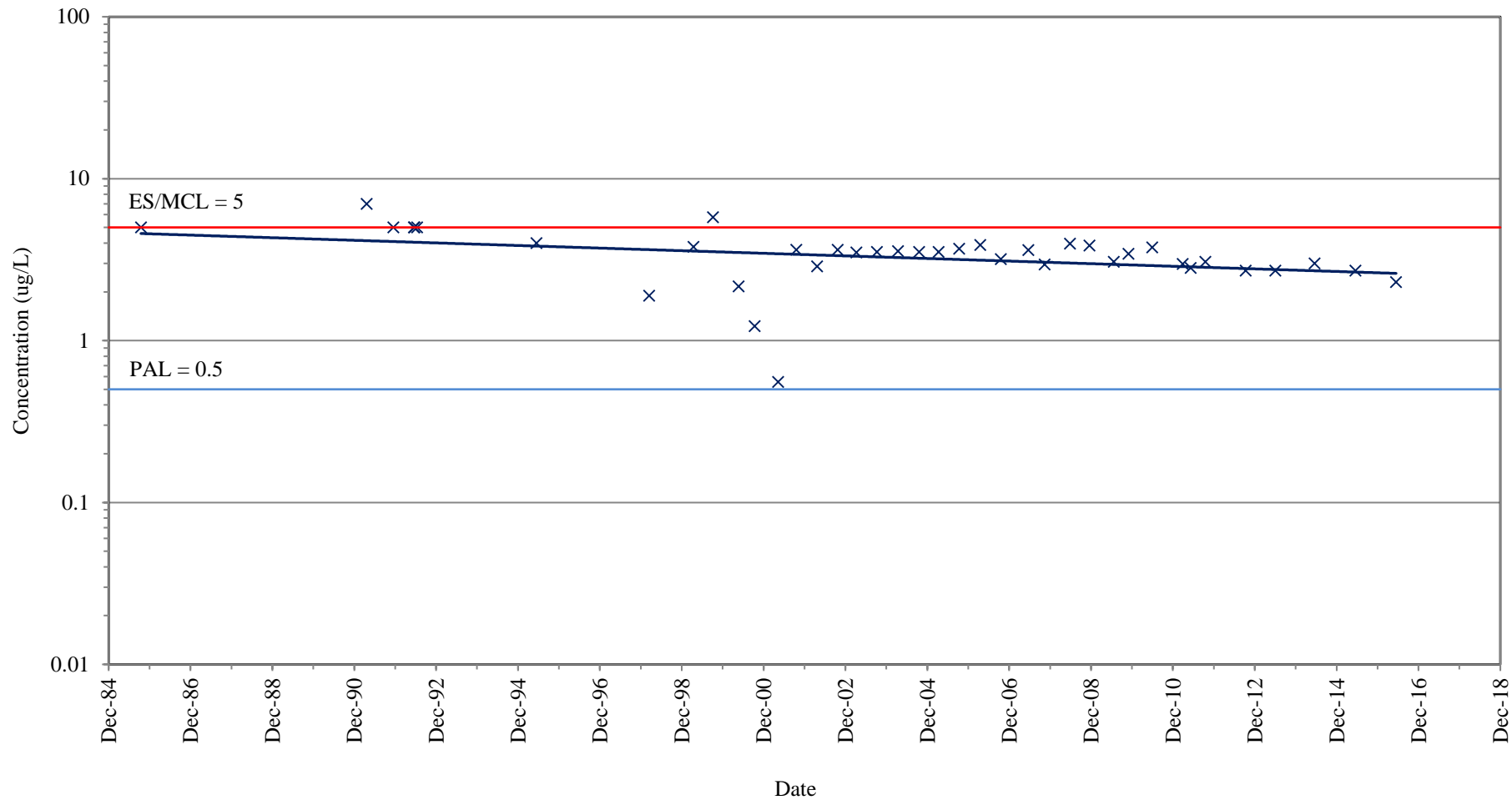
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-41A (GRID COORDINATE H8)

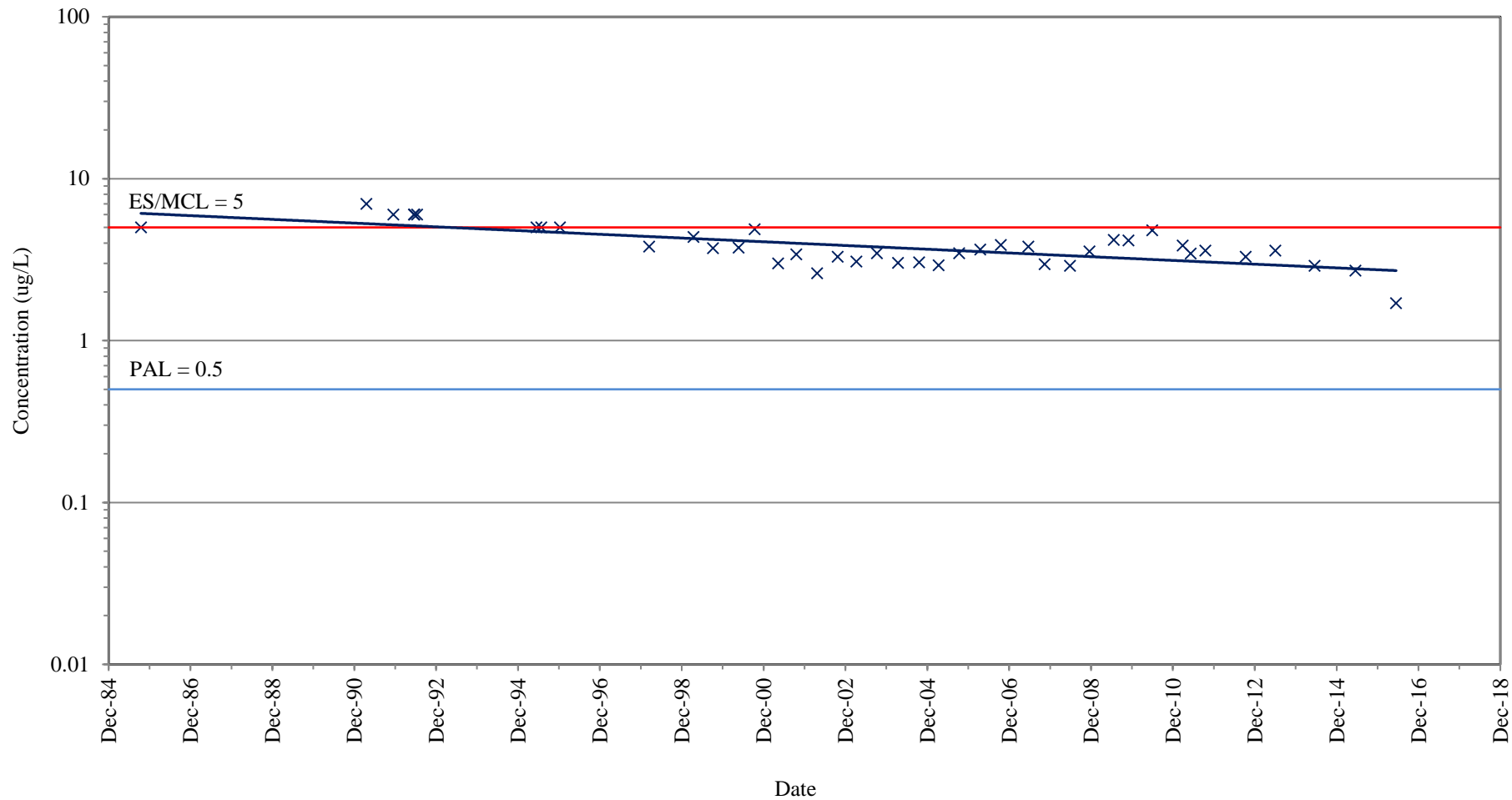
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-41B (GRID COORDINATE H8)

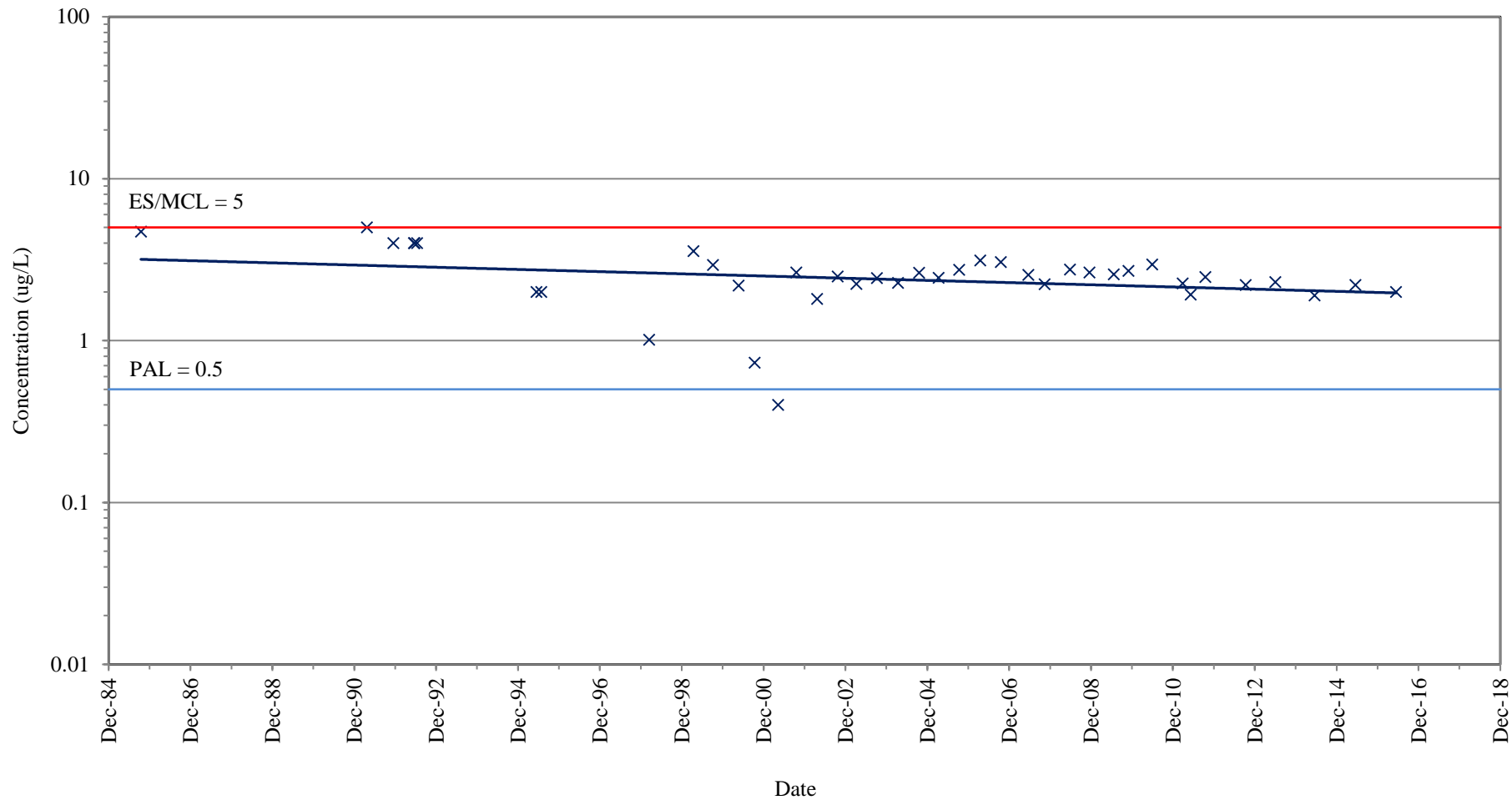
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-43A (GRID COORDINATE H7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-43B (GRID COORDINATE H7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 5D

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-50A THROUGH MW-68B

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)								
			I,I-DCA	I,I-DCE	PCE	I,I-TCA	TCE				
	Level	None/850/85	7/7/0.7	5/5/0.5	200/200/40	5/5/0.5					
MW-50A (lost monitoring well at Grid Coordinate F6)											
12/91	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
MW-50B (lost piezometer at Grid Coordinate F6)											
12/91	NR	0.2	U	0.2	U	0.2	U	0.6		0.6	
MW-51A (monitoring well at Grid Coordinate F6)											
12/91	NR	1		0.6		0.8		14		7	
04/02/08	NR	0.2	U	0.4	U	0.37	J	0.49	J	2.7	
10/18/11	M	0.4	U	0.4	U	0.48	J	0.5	U	3.02	
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2.2	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-51B (piezometer at Grid Coordinate F6)											
12/91	NR	0.5		0.3		0.2	U	5		3	
04/02/08	NR	0.3	J	0.4	U	0.36	J	1.49		5.26	
10/05/10	M	0.4	U	0.4	U	0.3	U	0.84	J	5.23	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.89	J,DUP	5.68	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.9	U	5.50	
06/19/14	M	0.24	U	0.41	U	0.50	U	0.58	J	4.00	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	4.5	
06/15/16	M	0.24	U	0.41	U	0.50	U	0.51	J	4.5	
MW-52A (monitoring well at Grid Coordinate F6)											
12/91	NR	3		2		1		48		11	
04/02/08	NR	0.2	U	0.4	U	0.52	J	0.93		4.45	
10/18/11	M	0.4	U	0.4	U	0.54	J	0.62	J	4.00	
10/10/12	M	0.75	U	0.57	U	0.46	J	0.90	U	3.6	
06/19/14	M	0.24	U	0.41	U	0.50	U	0.51	J	3.6	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.51	J	3.0	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	4.4	
MW-52B (piezometer at Grid Coordinate F6)											
12/91	NR	3		2		0.3		34		11	
04/02/08	NR	0.2	U	0.4	U	0.2	J	1.04		5.01	
03/25/09	LF	0.2	J	0.4	U	0.37	J	0.79		5.17	
03/25/09	H	0.28	J	NA		0.33	J	1.21		5.31	
03/25/09	L	0.4	U	NA		0.36	J	1.92		5.64	
10/05/10	M	0.4	U,S1H, S2H,DUP	0.4	U,S2H,DUP	0.3	U,S2H,DUP	0.5	U,S1H, S2H,DUP	1.29	J,S1H, S2H,DUP
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.48	J
10/10/12	M	0.75	U	0.57	U	0.46	J	0.9	U	0.48	U
06/19/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.37	JA
06/16/15	M	0.24	UA	0.41	UA	0.50	UA	0.50	UA	3.35	A
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.37	J

TABLE 5D

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-50A THROUGH MW-68B

Well ID	Sample Date	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)								
			I,1-DCA	I,1-DCE	PCE	I,1,1-TCA	TCE				
			None/850/85	7/7/0.7	5/5/0.5	200/200/40	5/5/0.5				
MW-53A (monitoring well at Grid Coordinate E6)											
10/15/85	NR		NA		NA		NA		NA	10	
12/16/91	NR	3		1		0.7		30		7	
06/15/92	NR		NA		NA		NA		NA	7	
06/20/92	NR		NA		NA		NA		NA	7	
07/15/92	NR		NA	1	U		NA	1	U	7	
06/15/95	NR		NA		NA		NA		NA	7	
07/27/95	NR	2	J	1	J	0.7	J	19		7	J
01/11/96	NR		NA		NA		NA		NA	5.5	
03/16/98	NR		NA		NA		NA		NA	5.2	
04/15/99	NR	0.547	CSH,J	0.312	J	0.568	J	5.56		4.79	MSH
10/07/99	NR	0.217	J,Dup	0.15	U	0.259		1.79	Dup	2.52	
05/23/00	NR	0.15	U	0.15	U,CSH	0.204	J	0.72		0.856	J
10/12/00	NR	0.15	U,CSH,SPH	0.15	U	0.15	U	0.239	J	0.4	U
05/10/01	NR	0.15	U	0.15	U	0.15	U	0.195	J	0.801	J
10/17/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.761	J
04/22/02	NR	0.36	U	0.4	U,SPL	0.32	U,SPL	0.42	U	0.36	U
10/24/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/10/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.535	J
07/23/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/21/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.627	J
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.77	
04/18/06	NR	0.5	U	0.5	U	0.45	U	0.746	J	2.69	
10/18/06	NR	0.15	U,CSL	0.15	U	0.16	J	0.42	J	2.14	
06/20/07	NR	0.2	U	0.4	U	0.38	J	0.5	J	2.55	
11/14/07	NR	0.2	U	0.4	U	0.3	U	0.34	J	1.89	
06/26/08	NR	0.2	U	0.4	U	0.3	U	0.45	J	2.33	
12/16/08	NR	0.2	U	0.4	U	0.32	J	0.38	J	1.68	
07/22/09	L	0.4	U	0.4	U	0.30	U	0.50	U	2.14	
12/01/09	L	0.4	U	0.4	U	0.30	U	0.50	U	2.42	
06/30/10	M	0.4	U	0.4	U	0.30	J	0.50	U	2.95	
03/29/11	M	0.4	U	0.4	U	0.30	J	0.50	U	2.09	
06/08/11	M	0.4	U	0.4	U	0.30	J	0.50	U	3.09	
10/18/11	M	0.4	U	0.4	U	0.30	U	0.50	U	2.12	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.90	U	2.6	
10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.1	
MW-53B (piezometer at Grid Coordinate E6)											
10/15/85	NR		NA		NA		NA		NA	10	
12/13/91	NR	4		2		0.4		36		12	
06/15/92	NR		NA		NA		NA		NA	12	
06/20/92	NR		NA		NA		NA		NA	12	
07/15/92	NR		NA		NA		NA		NA	12	
06/15/95	NR		NA		NA		NA		NA	2	
07/27/95	NR	0.4	J		NA		NA	4	J	2	J
03/16/98	NR		NA		NA		NA		NA	5.52	

TABLE 5D

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-50A THROUGH MW-68B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
04/15/99	NR	1.41	CSH	0.244	J	0.415	J	4.34		5.84	MSH
10/07/99	NR	1.35	Dup	0.196	J	0.224	J	3.51	Dup	6.16	
05/23/00	NR	0.514		0.15	U	0.15	U	1.75		3.57	
10/12/00	NR	0.15	U,CSH,SPH	0.15	U	0.15	U	0.445	J	1.14	J
05/10/01	NR	0.15	U	0.15	U	0.15	U	0.199	J	0.741	J
10/17/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.817	J
04/22/02	NR	0.36	U	0.4	U,SPL	0.32	U,SPL	0.899	J	3.76	
10/24/02	NR	0.36	U	0.39	U	0.32	U	1.42		4.68	
04/10/03	NR	0.36	U	0.39	U	0.32	U	0.463	J	4.44	
10/08/03	NR	0.38	J	0.195	J	0.16	J	1.4		5.3	
04/14/04	NR	0.5	U	0.5	U	0.45	U	0.919		4.08	
07/15/04	NR	0.5	U	0.5	U	0.45	U	1.18	J	5.08	
10/21/04	NR	0.5	U	0.5	U	0.45	U	0.862	J	4.47	
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.657	J	3.94	
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.592	J	3.4	
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.586	J	4.26	
04/18/06	NR	0.5	U	0.5	U	0.45	U	0.855	J	5.00	
07/26/06	NR	0.5	U	0.5	U	0.71	U	0.75	J	3.51	
10/18/06	NR	0.15	U,CSL	0.15	U	0.1	U	0.58	J	3.26	
03/27/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	3.93	
06/20/07	NR	0.2	U	0.4	U	0.3	U	0.77		3.78	
09/25/07	NR	0.2	U	0.4	U	0.3	U	0.68		3.42	
11/14/07	NR	0.2	U	0.4	U	0.3	U	0.49	J	2.96	
06/26/08	NR	0.2	U	0.4	U	0.3	U	0.62	J	3.73	
12/16/08	NR	0.2	U	0.4	U	0.3	U	0.7	J	3.5	
07/22/09	M	0.4	U	0.4	U	0.3	U	0.51	J	3.32	
12/01/09	M	0.4	U	0.4	U	0.3	U	0.67	J	3.74	
06/30/10	M	0.4	U	0.4	U	0.3	J	0.52	J	3.93	
03/29/11	M	0.4	U	0.4	U	0.3	J	0.5	U	3.52	
06/08/11	M	0.4	U	0.4	U	0.3	J	0.51	J	3.64	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.54	J	3.55	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.9	U	1.6	
10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	3.3	
06/19/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.8	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	3.7	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.8	J
MW-54A (monitoring well at Grid Coordinate D6)											
12/91	NR	0.2	U	0.3	U	0.3	U	3		1	
04/03/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.53	J
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-54B (piezometer at Grid Coordinate D6)											
12/91	NR	1	J	0.4	J	0.3	U	9	J	3	J
04/03/08	NR	0.2	U	0.4	U	0.38	J	0.85		3.49	J
10/18/11	M	0.4	U	0.4	U	0.3	U	0.56	J	3.56	
10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	3.9	

TABLE 5D

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-50A THROUGH MW-68B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
06/18/14	M	0.24	U	0.41	U	0.5	U	0.5	J	3.1	
06/16/15	M	0.24	U	0.41	U	0.5	U	0.5	J	3.6	
06/14/16	M	0.24	U	0.41	U	0.5	U	0.5	J	3.8	
MW-54C (piezometer at Grid Coordinate D6)											
12/91	NR	2		0.5		0.3	U	14		8	
04/03/08	NR	0.29	J	0.4	U	0.3	U	0.95		4.6	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.95	J	5.70	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.90	U	5.40	
06/19/14	M	0.24	U	0.41	U	0.50	U	0.50	U	5.0	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	J	2.5	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.57	J	4.7	
MW-55A (monitoring well at Grid Coordinate D6)											
10/15/85	NR		NA		NA		NA		NA	1	
12/15/91	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
06/15/92	NR		NA		NA		NA		NA	1	U
06/20/92	NR		NA		NA		NA		NA	1	U
06/15/95	NR		NA		NA		NA		NA	3	
03/16/98	NR		NA		NA		NA		NA	0.36	U
10/12/00	NR	0.15	U,CSH,SPH	0.15	U	0.15	U	0.15	U	0.4	U
04/03/08	NR	0.2	U	0.4	U	0.3	U	0.26	J	0.4	U
MW-55B (piezometer at Grid Coordinate D6)											
10/15/85	NR	0	NA	0	NA	0	NA	0	NA	1	
12/06/91	NR	2		0.2	J	0.3	U	12		4	
06/15/92	NR	0	NA	0	NA	0	NA	0	NA	4	
06/20/92	NR	0	NA	0	NA	0	NA	0	NA	4	
07/15/92	NR	0	NA	0	NA	0	NA	0	NA	4	
06/15/95	NR	0	NA	0	NA	0	NA	0	NA	3	
03/16/98	NR	0	NA	0	NA	0	NA	0	NA	3.77	
10/12/00	NR	0.182	J,CSH,SPH	0.15	U	0.15	U	1.89		1.43	
04/03/08	NR	0.2	U	0.4	U	0.3	U	0.46	J	2.16	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.21	J
06/19/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.4	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.9	
MW-55C (piezometer at Grid Coordinate D6)											
10/15/85	NR	0	NA	0	NA	0	NA	0	NA	1	
12/15/91	NR	2		0.5		0.2	U	17		4	
06/15/92	NR	0	NA	0	NA	0	NA	0	NA	4	
06/20/92	NR	0	NA	0	NA	0	NA	0	NA	4	
07/15/92	NR	0	NA	0	NA	0	NA	0	NA	4	
06/15/95	NR	0	NA	0	NA	0	NA	0	NA	3	
03/16/98	NR	0	NA	0	NA	0	NA	0	NA	0.36	U
10/12/00	NR	0.15	U	0.15	U	0.15	U	0.724		2.02	
04/03/08	NR	0.20	U	0.40	U	0.30	U	0.28	J	1.44	
10/18/11	M	0.40	U	0.40	U	0.30	U	0.50	U	1.26	J

TABLE 5D

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-50A THROUGH MW-68B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
06/19/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.7	A
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-57A (monitoring well at Grid Coordinate E6)											
12/91	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.9	J
04/03/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-57B (piezometer at Grid Coordinate E6)											
12/91	NR	0.2	J	0.2	U	0.2	U	1		1	
04/03/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.49	J
10/16/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.37	J
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-58A (abandoned monitoring well at Grid Coordinate D6)											
12/91	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
04/03/08	NR	0.2	U	0.4	U	0.3	U	0.24	J	0.4	U
MW-58B (abandoned piezometer at Grid Coordinate D6)											
12/91	NR	0.2	U	0.2	U	0.2	U	0.8		0.2	J
04/03/08	NR	0.2	U	0.4	U	0.3	U	0.25	J	0.4	U
MW-60A (monitoring well at Grid Coordinate D7)											
12/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.2	U
04/02/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
10/19/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-60B (piezometer at Grid Coordinate D7)											
12/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.2	U
04/02/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
10/19/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-61A (monitoring well at Grid Coordinate C6)											
12/91	NR	0.2	U	0.3	U	0.3	U	2		0.6	
04/02/08	NR	0.2	U	0.4	U	0.3	U	0.47	J	0.4	J
10/19/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-61B (piezometer at Grid Coordinate C6)											
12/91	NR	0.4		0.2	J	0.2	U	2		0.9	

TABLE 5D

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-50A THROUGH MW-68B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
04/02/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.86	J
10/19/11	M	0.5	J	0.4	U	0.3	U	0.85	J	0.66	J
10/15/13	M	0.31	U	0.43	U	0.47	U	0.44	U	0.36	J
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.42	J
MW-67A (abandoned monitoring well at Grid Coordinate K7)											
7/92		0.2	U	0.3	U	0.3	U	0.9	U	0.2	U
02/08/94		5		0.07		0.9		18		10	
03/28/94		1.6		0.2	ND	0.2	ND	5		18	
06/06/94		1		0.2	ND	0.2	ND	1.6		11	
08/23/94		0.2	ND	0.2	ND	0.2	ND	0.2	ND	2.5	
10/27/94		0.2	ND	0.2	ND	0.2	ND	0.2	ND	2.8	
01/19/95		0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.7	
04/19/95		0.2	ND	0.2	ND	0.2	ND	0.2	ND	2.5	
07/18/95		0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.6	
09/12/95		0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.2	
01/08/96		0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.6	
04/17/96		0.6		0.2	ND	0.17		0.93		1.5	
07/09/96		0.2	ND	0.2	ND	0.2	ND	0.68		1.8	
10/02/96		0.2	ND	0.2	ND	0.2	ND	0.65		1.3	
04/01/97		0.245		0.2	ND	0.2	ND	1.08		3.9	
05/20/97		0.2	ND	0.45		0.2	ND	1.11		0.36	ND
07/21/97		0.2		0.2	ND	0.2	ND	0.96		2.28	
10/22/97		0.432		1	U	1.2	U	1.76		5.62	
01/27/98		0.604		0.2	U	0.266		1.7		5.78	
04/22/98		0.663		0.2	U	0.213		1.66		4.83	
07/20/98		1.55		0.2	U	0.47		2.34		10.5	
10/27/98		0.702		0.2	U	0.249		1.15		2.98	
01/18/99		0.2	U	0.2	U	0.2	U	0.379	J	1.42	
04/12/99		0.2	U	0.2	U	0.226	J	0.271	J	1.06	CSH,J
07/27/99		1.09		0.15	U	0.324	J	1.52		3.42	
10/06/99		0.297	J	0.15	U	0.207	J	0.606		4.17	
02/02/00		0.15	U	0.15	U	0.227	J,CSL	0.267	J	2.02	
06/07/00		0.15	U	0.15	U	0.15	U	0.241	J	1.57	
07/18/00		0.15	U	0.15	U	0.15	U	0.241	J	1.42	
10/11/00		0.15	U,CSH,SPH	0.15	U	0.15	U	0.15	U	0.4	U
01/24/01		0.15	U,SPH	0.15	U	0.15	U	0.15	U,SPH	1.61	
05/08/01		0.264		0.15	U	0.166	J	0.349	J	1.03	J
07/17/01		0.38	U	0.38	U	0.26	U	0.273	J	1.31	
10/18/01		0.38	U	0.38	U	0.26	U	0.2	U	1.08	
01/09/02		0.38	U	0.38	U	0.26	U	0.2	U	1.16	
04/22/02		0.36	U	0.39	U	0.32	U	0.42	U	1.27	
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.13	J
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.584	J,Dup
01/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.506	J
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.912	J,CSH
10/07/03	NR	0.36	U	0.39	U	0.382	J	0.556	J	11.5	
02/24/04	NR	0.50	U	0.25	U	0.45	U	0.42	U	3.7	
03/16/04	NR	0.50	U	0.50	U	0.45	U	0.42	U	2.27	

TABLE 5D

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-50A THROUGH MW-68B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
04/13/04	NR	0.50	U	0.50	U	0.45	U	0.42	U	1.95	
05/24/04	NR	0.50	U	0.50	U	0.45	U	0.42	U	1.67	
06/22/04	NR	0.50	U	0.50	U	0.45	U	0.42	U	0.911	J
07/15/04	NR	0.50	U	0.50	U	0.45	U	0.42	U	1.788	U
10/18/04	NR	0.50	U	0.50	U	0.45	U	0.42	U	1.06	J
10/18/04	NR	0.50	U	0.50	U	0.45	U	0.42	U	1.1	J,Dup
01/18/05	NR	0.50	U	0.50	U	0.45	U	0.42	U	0.50	U
04/14/05	NR	0.50	U	0.50	U	0.45	U	0.42	U	0.50	U
10/11/05	NR	0.50	U	0.50	U	0.45	U	0.42	U	0.50	U
04/17/06	NR	0.50	U	0.50	U	0.45	U	0.42	U	0.50	U
10/17/06	NR	0.15	U,CSL	0.15	U	0.10	U	0.20	U	0.20	U
06/25/08	NR	0.20	U	0.40	U	0.30	U	0.20	U	0.40	U
12/17/08	NR	0.20	U	0.40	U	0.30	U	0.20	U	0.40	U
07/21/09	L	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
11/30/09	L	0.40	U	0.40	U	0.15	CSH	0.50	U	0.50	J
MW-67B (abandoned piezometer at Grid Coordinate K7)											
7/92	NR	0.2	U	0.3	U	0.3	U	0.6	J	1	
02/08/94	NR	0.2		0.2	ND	0.04		0.4		0.7	
03/28/94	NR	0.2	ND	0.2	ND	0.7		0.2	ND	5.1	
06/06/94	NR	0.2	ND	0.2	ND	0.65		0.2	ND	1.2	
08/23/94	NR	0.2	ND	0.2	ND	0.6		0.2	ND	0.36	ND
10/27/94	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.2	
01/19/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
04/19/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
07/18/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
09/12/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
01/08/96	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
04/17/96	NR	0.64		0.2	ND	0.16		0.84		0.99	
07/09/96	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.39	
10/02/96	NR	0.42		0.2	ND	0.18		0.74		0.39	
05/20/97	NR	0.2	ND	0.6		0.2	ND	0.99		0.36	ND
10/22/97	NR	1.64		0.5	U	0.6	U	2.05		1.5	
01/27/98	NR	1.13		0.2	U	0.2	U	1.58		1.01	
04/22/98	NR	0.889		0.2	U	0.2	U	1.38		0.723	
07/20/98	NR	0.2	U	0.2	U	0.2	U	0.279		0.403	
10/27/98	NR	0.596		0.2	U	0.2	U	0.733		0.68	
01/18/99	NR	0.2	U	0.2	U	0.2	U	0.311	J	0.387	J
04/12/99	NR	0.2	U	0.2	U	0.2	U	0.264	J	0.36	U
07/27/99	NR	0.437	J	0.15	U	0.15	U	0.521	J	0.464	J
10/06/99	NR	0.478	J	0.15	U	0.15	U	0.502		0.741	
02/02/00	NR	0.254	J	0.15	U	0.15	U,CSL	0.261	J	0.436	J
06/07/00	NR	0.349	J	0.15	U	0.15	U	0.296	J	0.4	U
07/18/00	NR	0.18	J	0.15	U	0.15	U	0.261	J	0.5	J
10/11/00	NR	0.15	U,CSH,SPH	0.15	U	0.15	U	0.15	U	0.401	J
01/24/01	NR	0.15	U,SPH	0.15	U	0.15	U	0.15	U,SPH	0.4	U
05/08/01	NR	0.175	J	0.15	U	0.15	U	0.176	J	0.4	U
07/17/01	NR	0.38	U	0.38	U	0.26	U	0.283	J	0.416	J
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U

TABLE 5D

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-50A THROUGH MW-68B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
01/09/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.426	J
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.429	J,CSH
07/22/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
02/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
03/16/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
05/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
06/22/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/15/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.42	U	0.5	U
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
07/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
11/30/09	M	0.4	U	0.4	U	0.15	CSH	0.5	U	0.4	U
MW-68A (monitoring well at Grid Coordinate J7)											
7/92	NR	0.2	U	0.3	U	0.3	U	0.9		3	
02/08/94	NR	0.2	ND	0.2	ND	0.03		0.1		1	
03/28/94	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.5	
06/06/94	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.1	
08/23/94	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.6	
10/27/94	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.4	
01/19/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.4	
04/19/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.5	
07/18/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.1	
10/09/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	2	
01/08/96	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.5	
04/17/96	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.6	
07/09/96	NR	1.4		0.2	ND	0.2	ND	11		3.1	
10/02/96	NR	0.58		0.2	ND	0.24		5.8		3.7	
04/01/97	NR	0.248		0.2	ND	0.2	ND	1.92		2.47	
05/21/97	NR	0.2	ND	0.36		0.2	ND	2.1		5	
07/22/97	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.617	
10/22/97	NR	0.4	U	0.5	U	0.6	U	0.7	U	1.42	
01/28/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	1.1	
04/22/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	1.09	
07/20/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	1.2	
10/27/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.935	
01/19/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	1.22	
04/12/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.926	J
07/27/99	NR	0.1	U	0.15	U	0.15	U	0.2	U	0.984	J
10/06/99	NR	0.15	U	0.15	U	0.15	U	0.15	U	1.34	
02/01/00	NR	0.15	U	0.15	U	0.15	U,CSL	0.15	U	0.76	J
06/06/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.685	

TABLE 5D

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-50A THROUGH MW-68B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
07/18/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.578	J
10/11/00	NR	0.15	U,CSH,SPH	0.15	U	0.15	U	0.15	U	0.899	J
01/24/01	NR	0.15	U,SPH	0.15	U	0.15	U	0.15	U,SPH	0.705	J
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.757	J
07/17/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	1.14	
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.827	J
01/09/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.652	
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.753	J
10/23/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.635	J,Dup
01/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.505	J,CSH
07/22/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.506	J
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.575	J
02/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.536	J
03/16/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
05/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
06/22/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
01/18/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/26/06	NR	0.5	U	0.5	U	0.71	U	0.42	U	0.5	U
09/25/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.37	J
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.36	J
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.8	U
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
09/21/09	L	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/29/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/06/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.49	J
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/26/12	HS	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
12/04/12	HS	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
04/04/13	M	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.41	J
08/29/16	M	0.24	UA	0.41	UA	0.50	UA	0.50	UA	0.33	UA
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.35	J
MW-68B (piezometer at Grid Coordinate J7)											
7/92	NR	1		0.3	U	0.3	U	3		2	
02/08/94	NR	1		0.2	ND	0.2		3		6	
03/28/94	NR	0.2	ND	0.2	ND	0.2	ND	1.3		2.4	

TABLE 5D

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-50A THROUGH MW-68B

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
06/06/94	NR	1.3		0.2	ND	0.2	ND	3.7		2.7	
08/23/94	NR	1.6		0.2	ND	0.2	ND	16		5.7	
10/27/94	NR	1.2		0.2	ND	0.2	ND	11		7.3	
01/19/95	NR	0.2	ND	0.2	ND	0.2	ND	5.2		7.5	
04/19/95	NR	0.2	ND	0.2	ND	0.2	ND	2.7		9	
07/18/95	NR	0.2	ND	0.2	ND	0.2	ND	1.2		8.6	
10/09/95	NR	0.2	ND	0.2	ND	0.2	ND	3.1		3.1	
01/08/96	NR	1.3		0.2	ND	0.2	ND	4.4		4.7	
04/17/96	NR	4		1		0.2	ND	28		3.7	
07/09/96	NR	0.2	ND	0.2	ND	0.2	ND	0.1		1.4	
10/02/96	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.3	
04/01/97	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.36	
05/21/97	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.92	
07/22/97	NR	0.28		0.2	ND	0.2	ND	3.51		1.41	
10/22/97	NR	0.4	U	0.5	U	0.6	U	2.21		2.07	
01/28/98	NR	0.391		0.2	U	0.2	U	1.8		2.01	
04/22/98	NR	0.2	U	0.2	U	0.2	U	0.609		1.31	
07/20/98	NR	0.259		0.2	U	0.2	U	1.44		1.46	
10/27/98	NR	0.2	U	0.2	U	0.2	U	0.941		0.687	
01/19/99	NR	0.2	U	0.2	U	0.2	U	0.625	J	1.02	
04/12/99	NR	0.2	U	0.2	U	0.2	U	0.557	J	2.09	CSH
07/27/99	NR	0.178		0.15	U	0.15	U	0.63	J	2.07	
10/06/99	NR	0.158	J	0.15	U	0.15	U	0.561		1.97	
02/01/00	NR	0.15	U	0.15	U	0.15	U,CSL	0.336	J	1.33	
06/06/00	NR	0.15	U	0.15	U	0.15	U	0.224	J	0.967	J
07/18/00	NR	0.15	U	0.15	U	0.15	U	0.213	J	0.996	J
10/11/00	NR	0.15	U,CSH,SPH	0.15	U	0.15	U	0.15	U	0.4	U
01/24/01	NR	0.15	U,SPH	0.15	U	0.15	U	0.15	U,SPH	1.33	J
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.463	J
07/17/01	NR	0.38	U	0.38	U	0.26	U	0.284	J	1.62	J
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	1.3	
01/09/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.594	J
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.48	
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.72	
10/23/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.54	Dup
01/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.29	
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.29	CSH
07/22/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.56	
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	1.01	J
02/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.33	J
03/16/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.47	J
04/13/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	2.76	U
05/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.53	J
06/22/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.46	
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.58	J
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.43	J
01/18/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.898	J
04/14/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.937	J
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.11	J

TABLE 5D

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-50A THROUGH MW-68B

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	Sample Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
				1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
				None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
10/10/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.15	J		
01/18/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.01	J		
04/18/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.53	J		
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.53	J	1.44	J		
10/17/06	NR	0.15	U	0.15	U	0.1	U	0.2	U	1.89			
03/26/07	NR	0.15	U	0.15	U	0.1	U	0.2	U	1.65			
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.38	J	1.73			
09/25/07	NR	0.2	U	0.4	U	0.3	U	0.37	J	1.84			
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.45	J	1.9			
03/31/08	NR	0.24	J	0.4	U	0.3	U	0.51	J	1.14	J		
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.4	J	1.82			
09/18/08	NR	0.2	U	0.4	U	0.3	U	0.35	J	1.66			
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.38	J	1.92			
03/24/09	M	0.2	U	0.4	U	0.3	U	0.51	J	1.61			
07/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	1.51			
09/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	1.5			
11/30/09	M	0.4	U	0.4	U	0.3	U	0.5	U	1.76			
03/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	1.57			
06/29/10	M	0.4	U	0.4	U	0.3	U	0.5	U	1.47			
10/05/10	M	0.4	U	0.4	U	0.3	U	0.5	U	1.48			
12/16/10	M	0.4	U	0.4	U	0.3	U	0.5	U	1.06	J		
03/29/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.04	J		
06/06/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.13	J		
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.11	J		
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.23	J		
06/26/12	HS	0.75	U	0.57	U	0.45	U	0.9	U	1.20			
10/09/12	HS	0.75	U	0.57	U	0.45	U	0.9	U	0.79	J		
12/04/12	HS	0.75	U	0.57	U	0.45	U	0.9	U	0.73	J		
04/04/13	M	0.75	U	0.57	U	0.45	U	0.9	U	0.85	J		
12/04/13	M	0.56	U	0.86	U	0.94	U	0.88	U	0.77	J		
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.67	J		
12/01/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.72	J		
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.66	J		
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.49	J		
03/24/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.42	J		
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.37	J		
08/29/16	M	0.25	J	0.41	U	0.50	U	0.50	U	0.33	U		
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U		

TABLE 5D

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-50A THROUGH MW-68B

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$)/parts per billion (ppb).

Detected concentrations at or above an applicable NR 140 PAL are in red font and italicized.

Detected concentrations at or above an applicable MCL/NR 140 ES are in red font and bold.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

HS = HydraSleeve.

LF = Low flow.

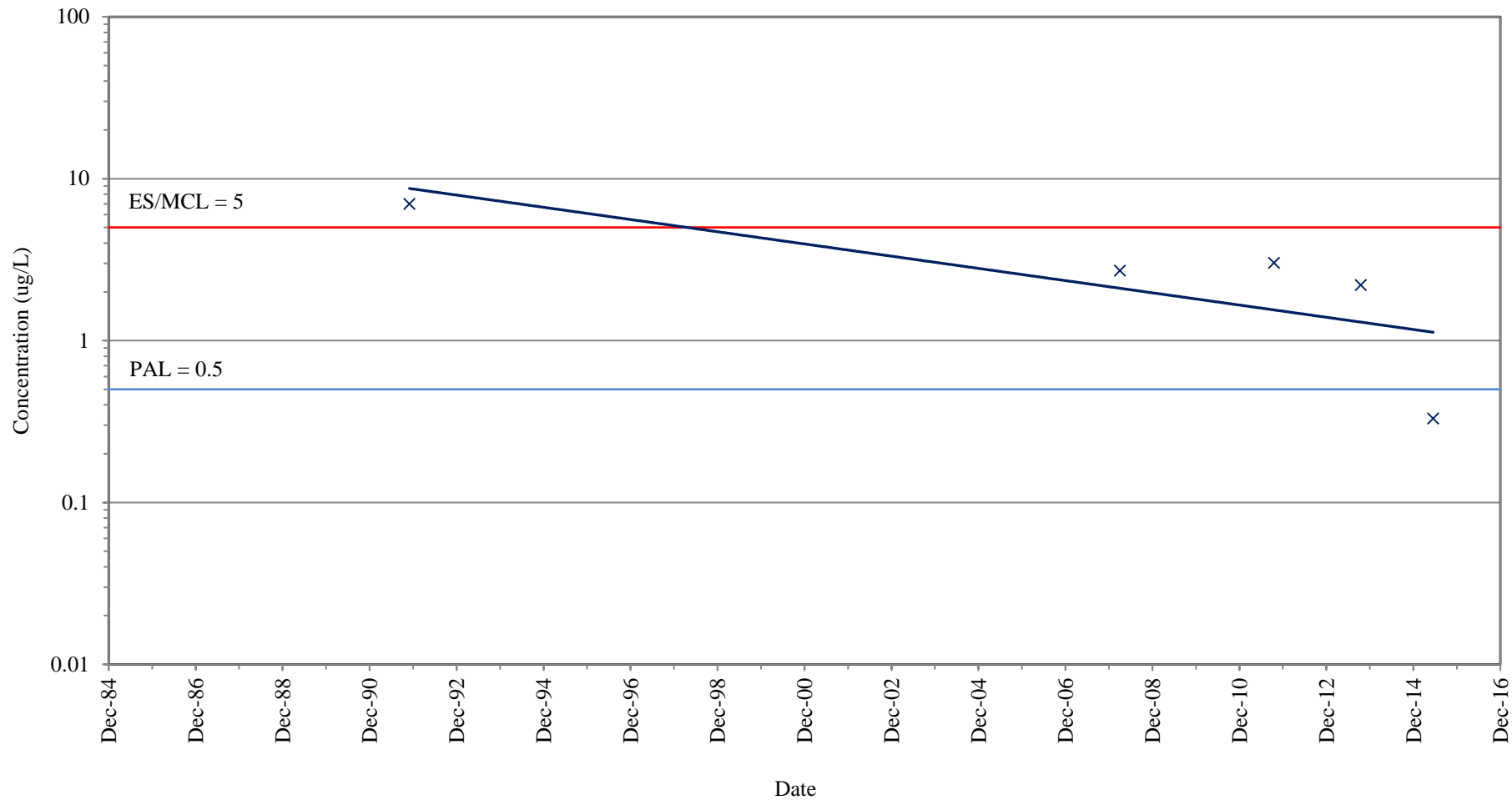
NR = Not recorded until 2009.

PDB = Passive diffusion bag.

H = PDB or HS in upper portion of saturated screened interval.

M = PDB or HS in middle portion of saturated screened interval.

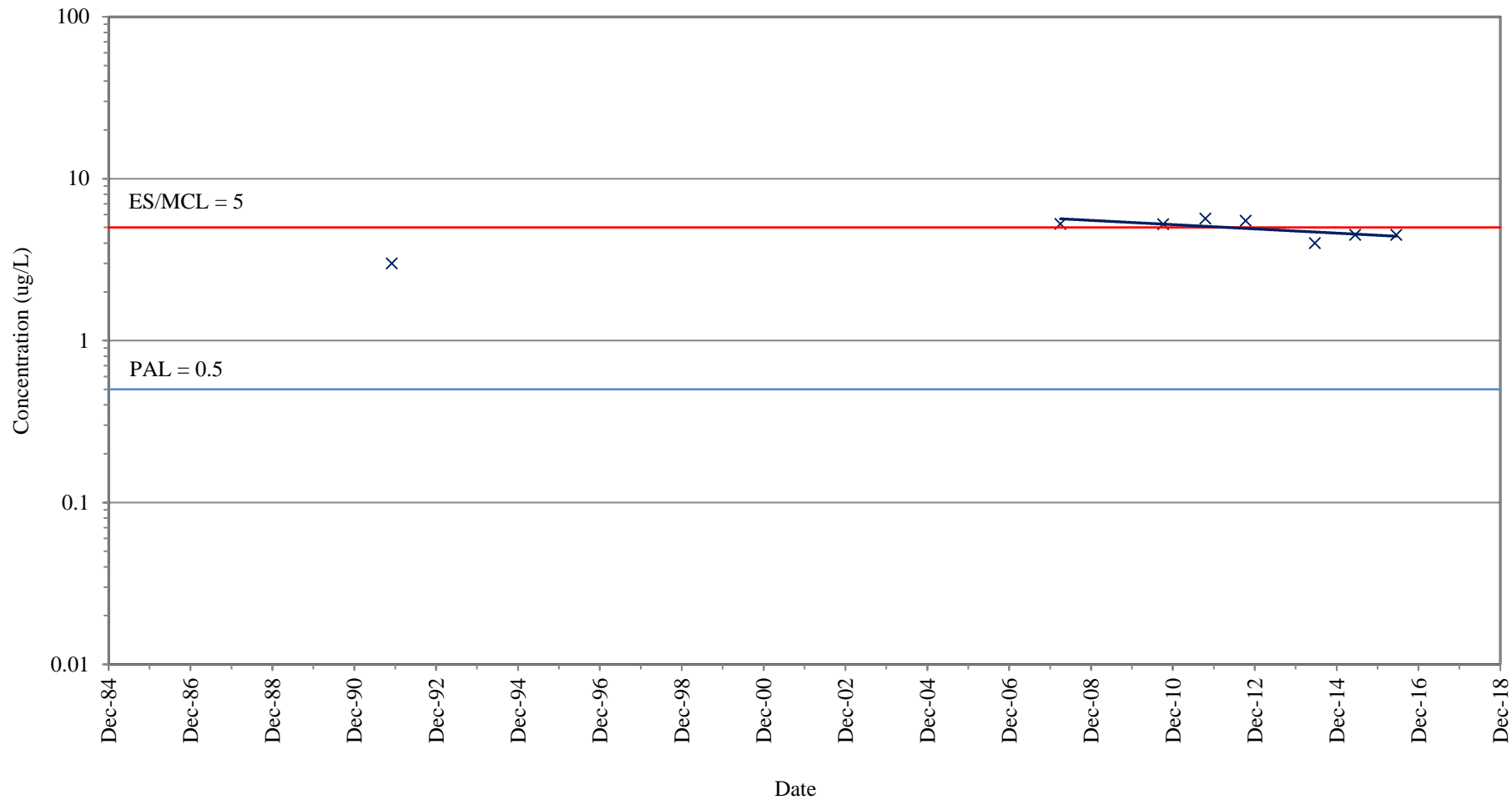
L = PDB or HS in lower portion of saturated screened interval.



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-51A (GRID COORDINATE F6)

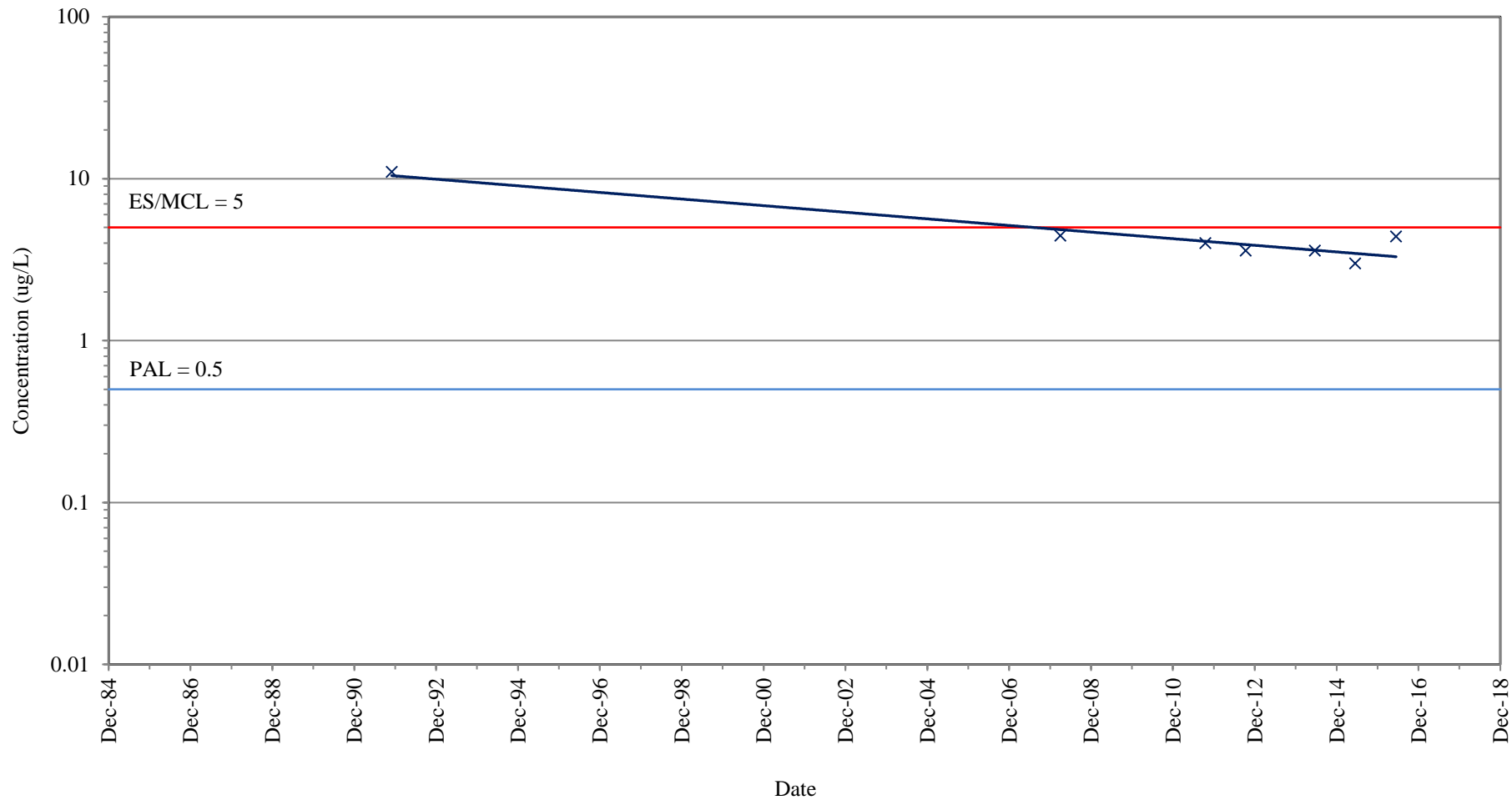
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: The best-fit exponential trend line generated using Excel evaluates a partial data set to focus on a "more representative" sample cluster.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-51B (GRID COORDINATE F6)

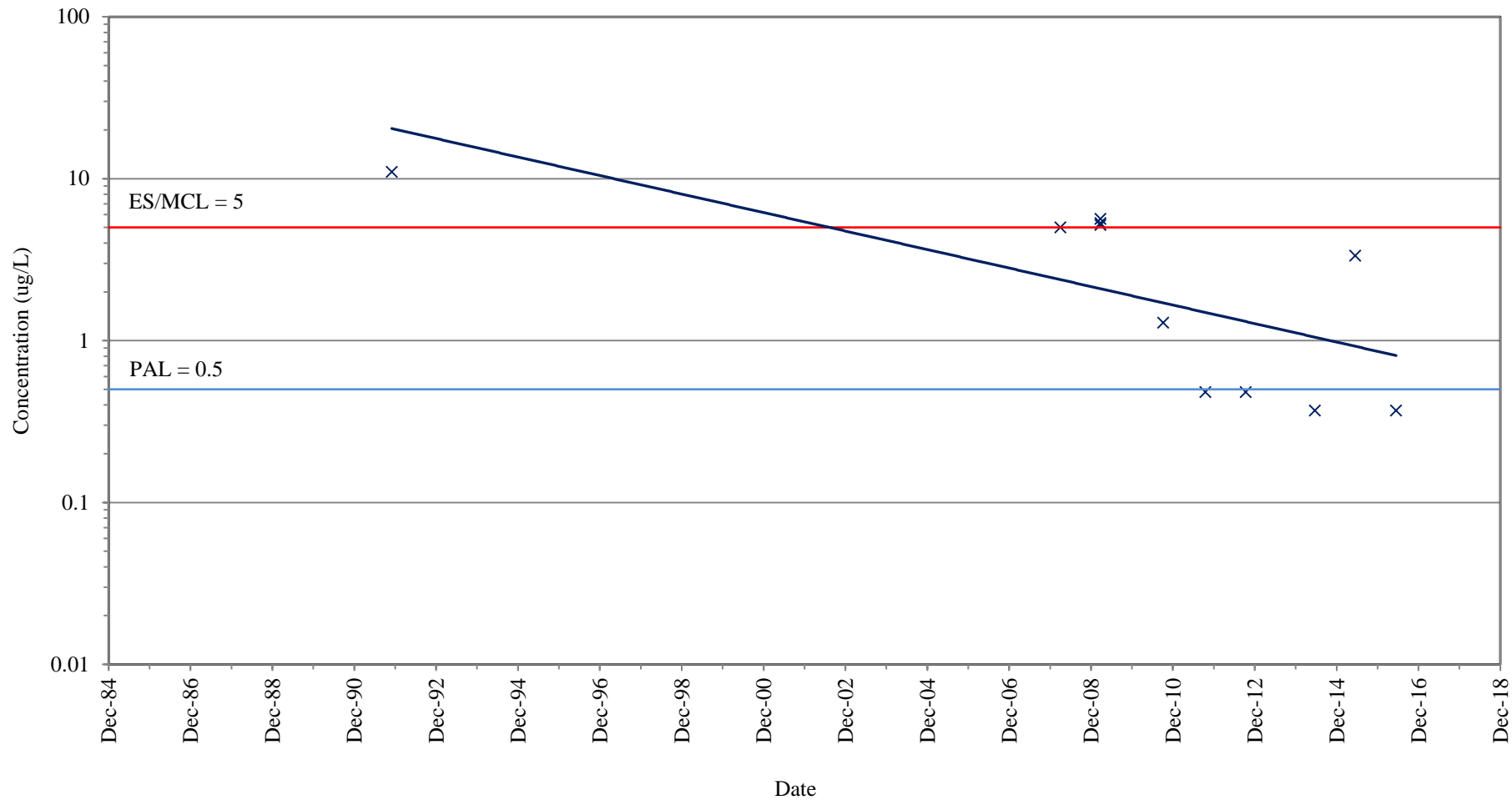
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-52A (GRID COORDINATE F6)

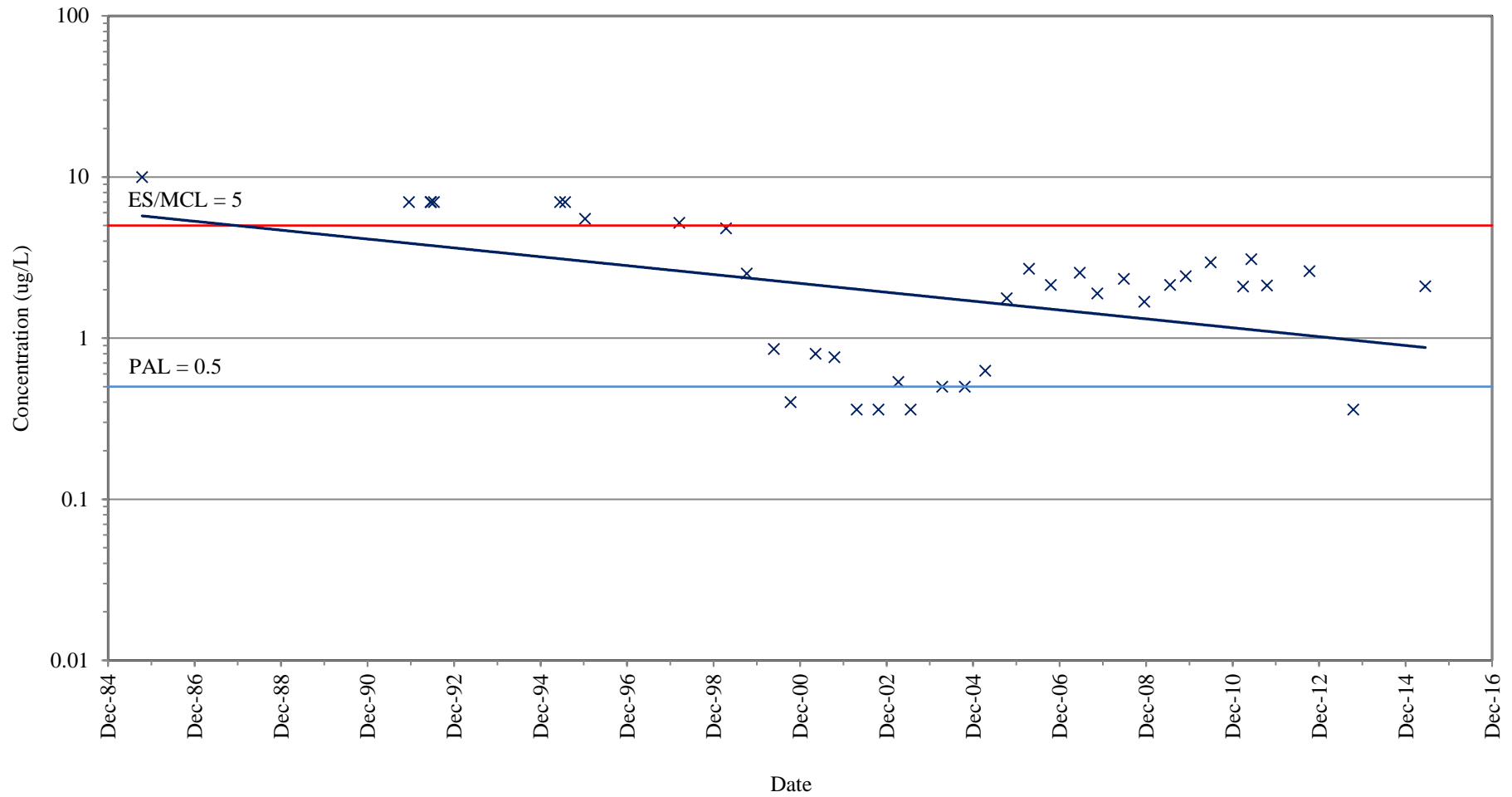
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-52B (GRID COORDINATE F6)

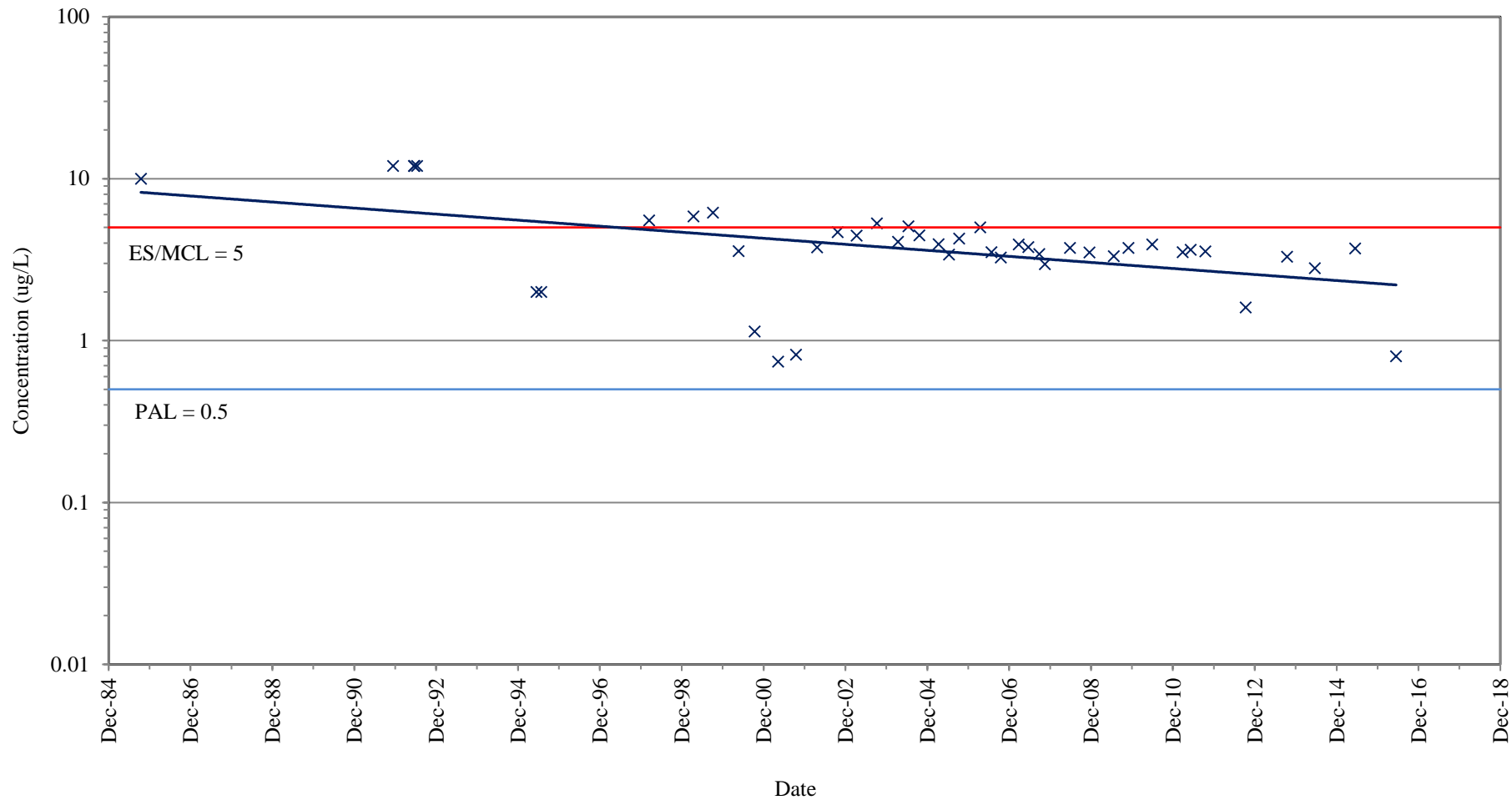
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-53A (GRID COORDINATE E6)

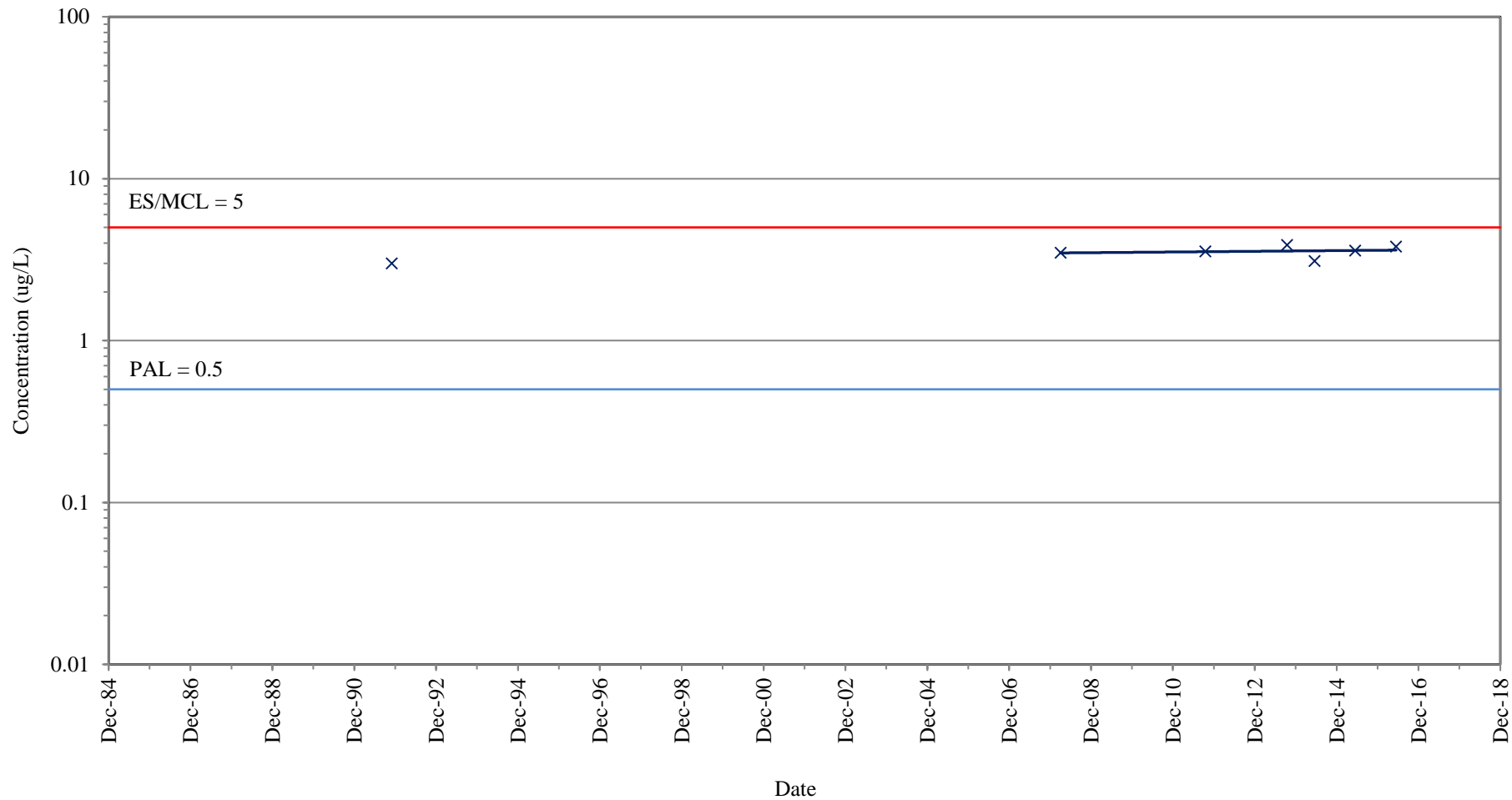
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-53B (GRID COORDINATE E6)

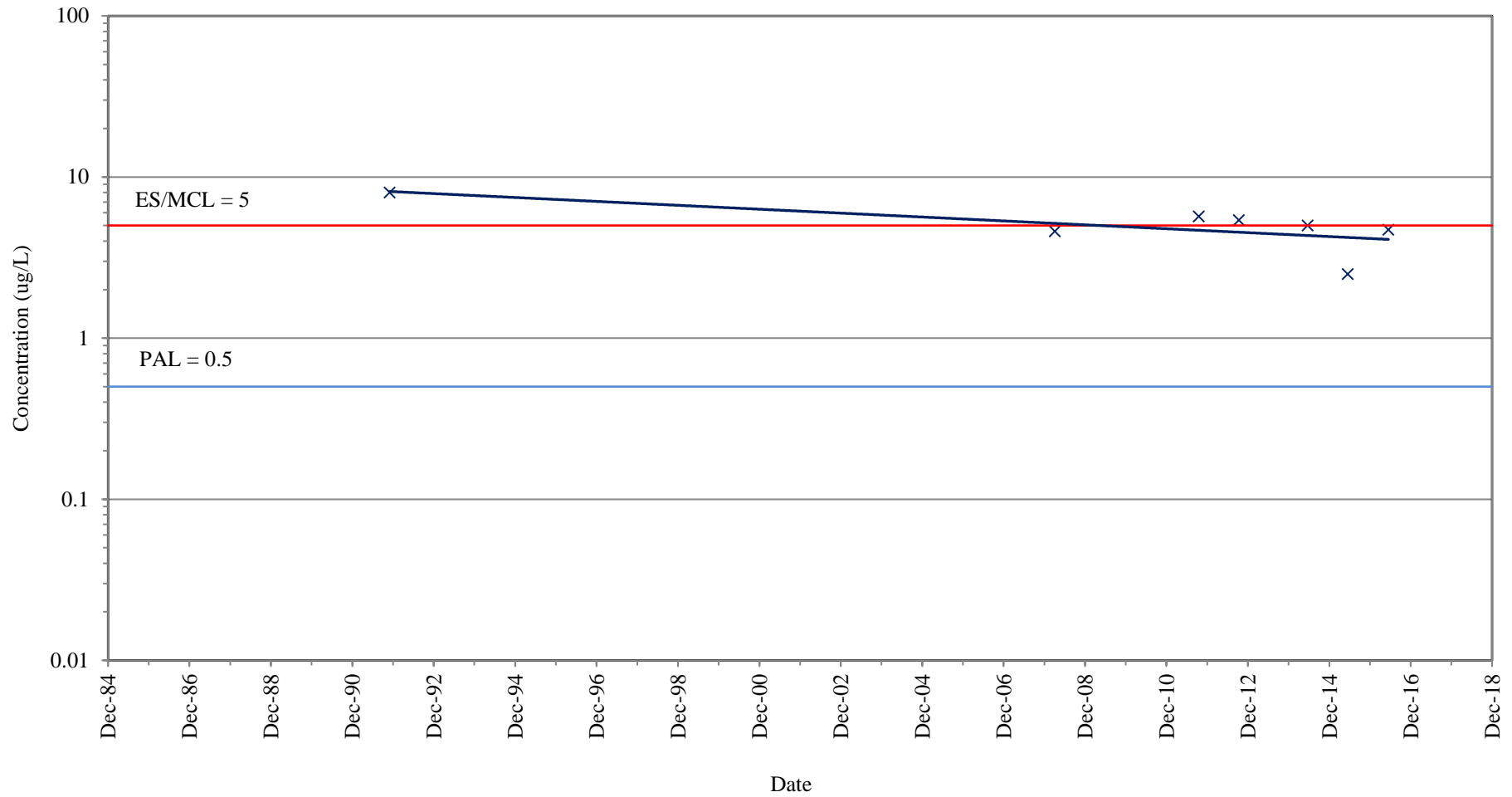
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: The best-fit exponential trend line generated using Excel evaluates a partial data set to focus on a "more representative" sample cluster.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-54B (GRID COORDINATE D6)

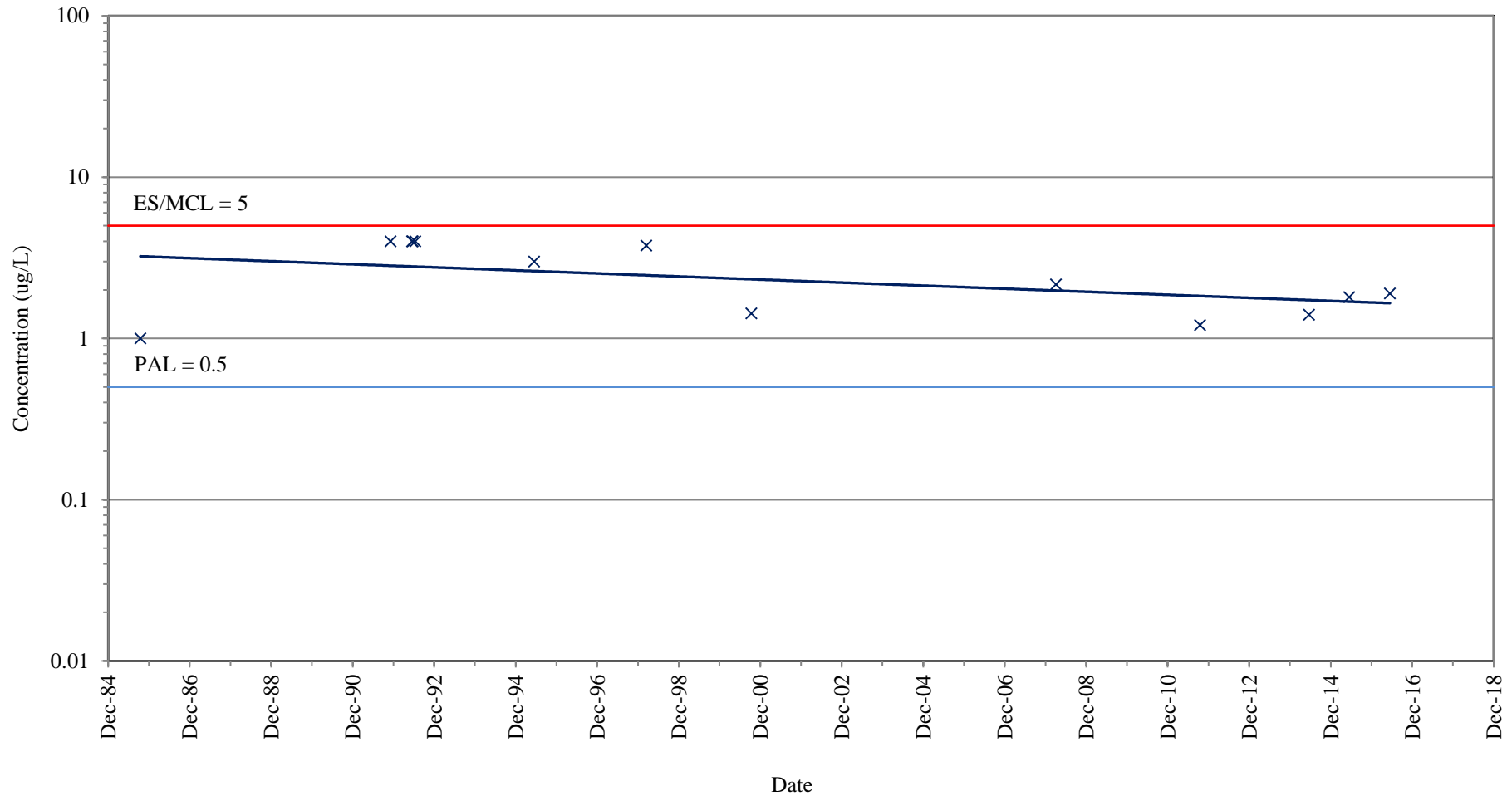
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-54C (GRID COORDINATE D6)

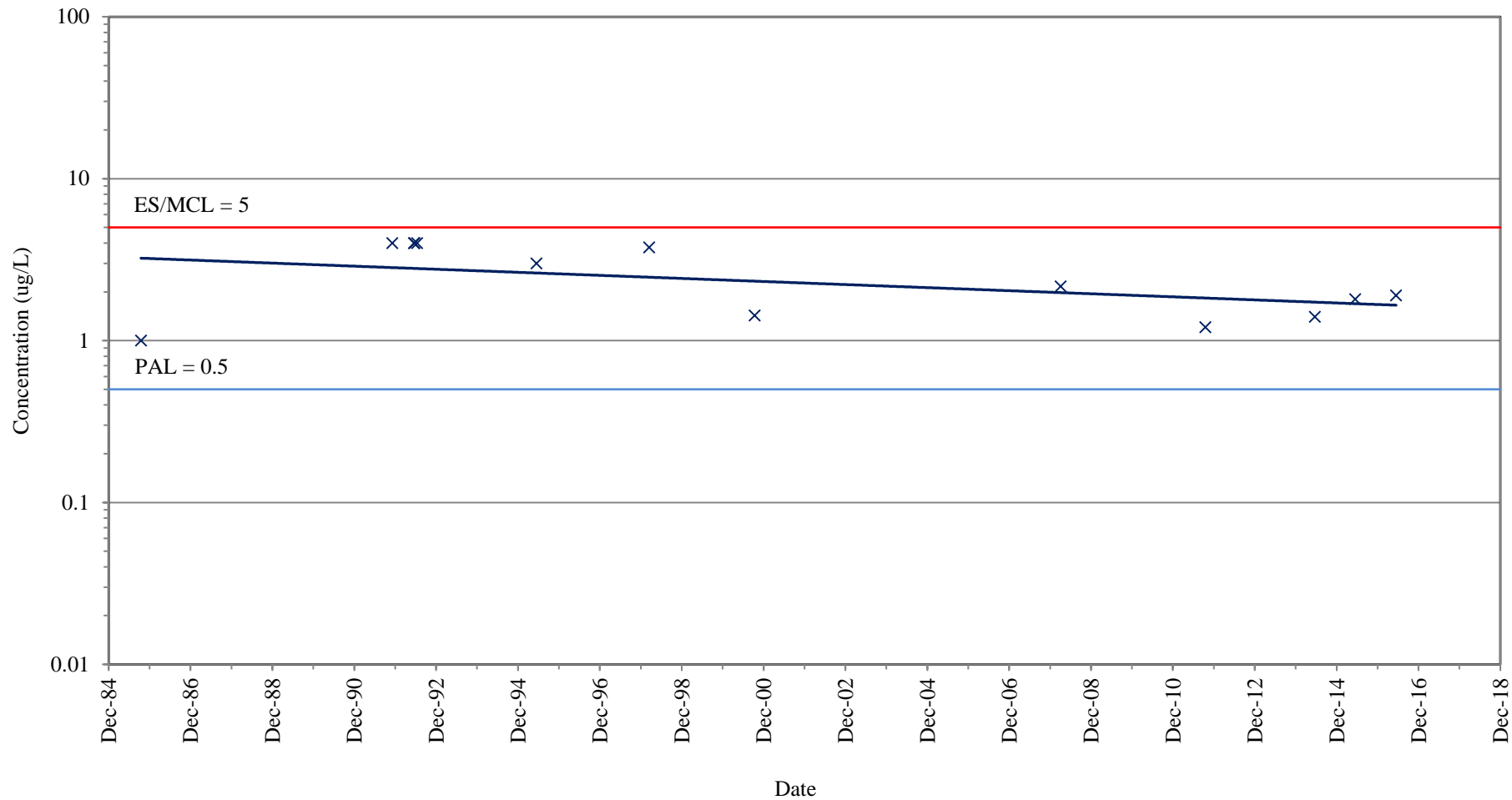
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-55B (GRID COORDINATE D6)

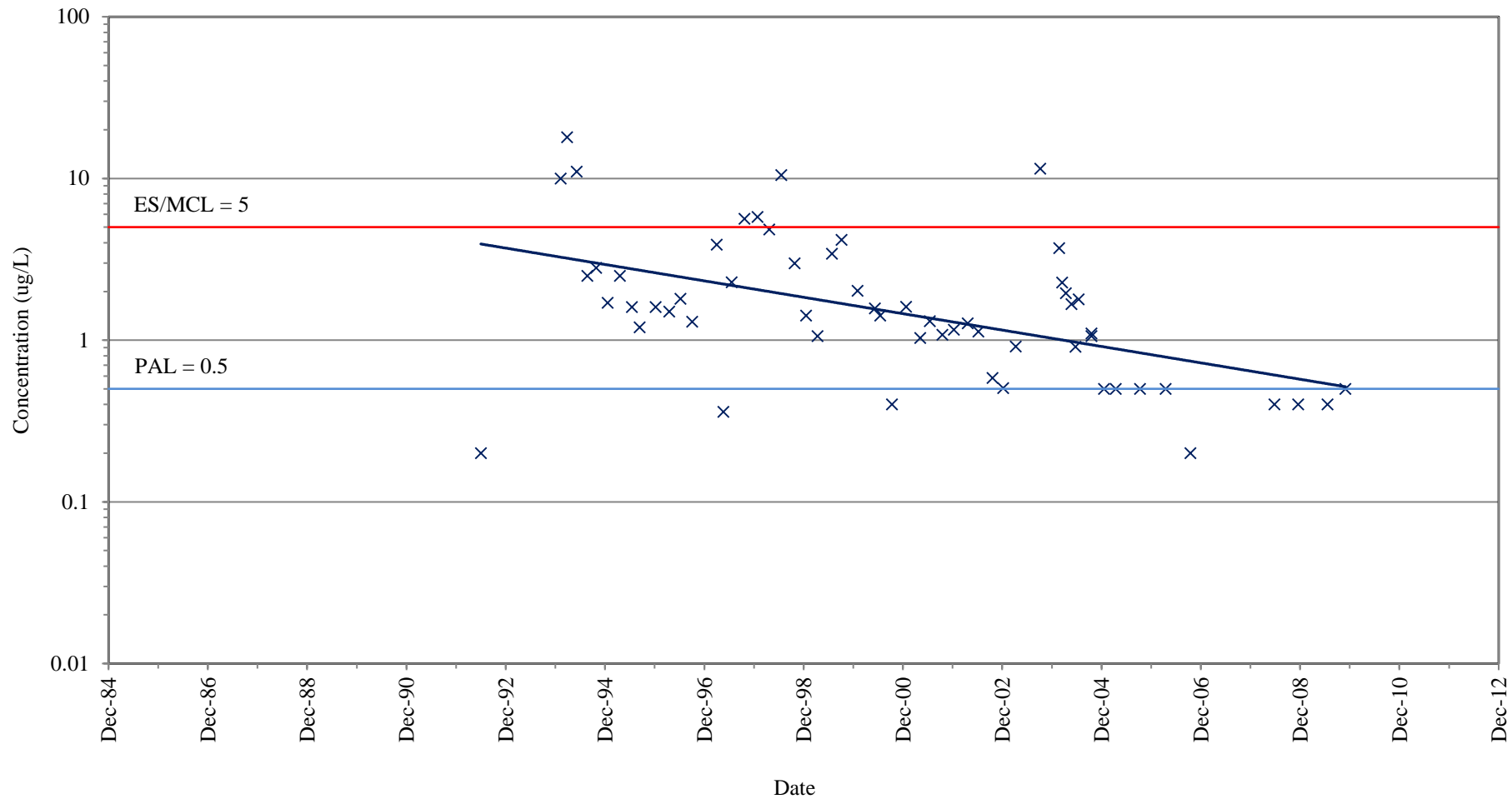
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-55C (GRID COORDINATE D6)

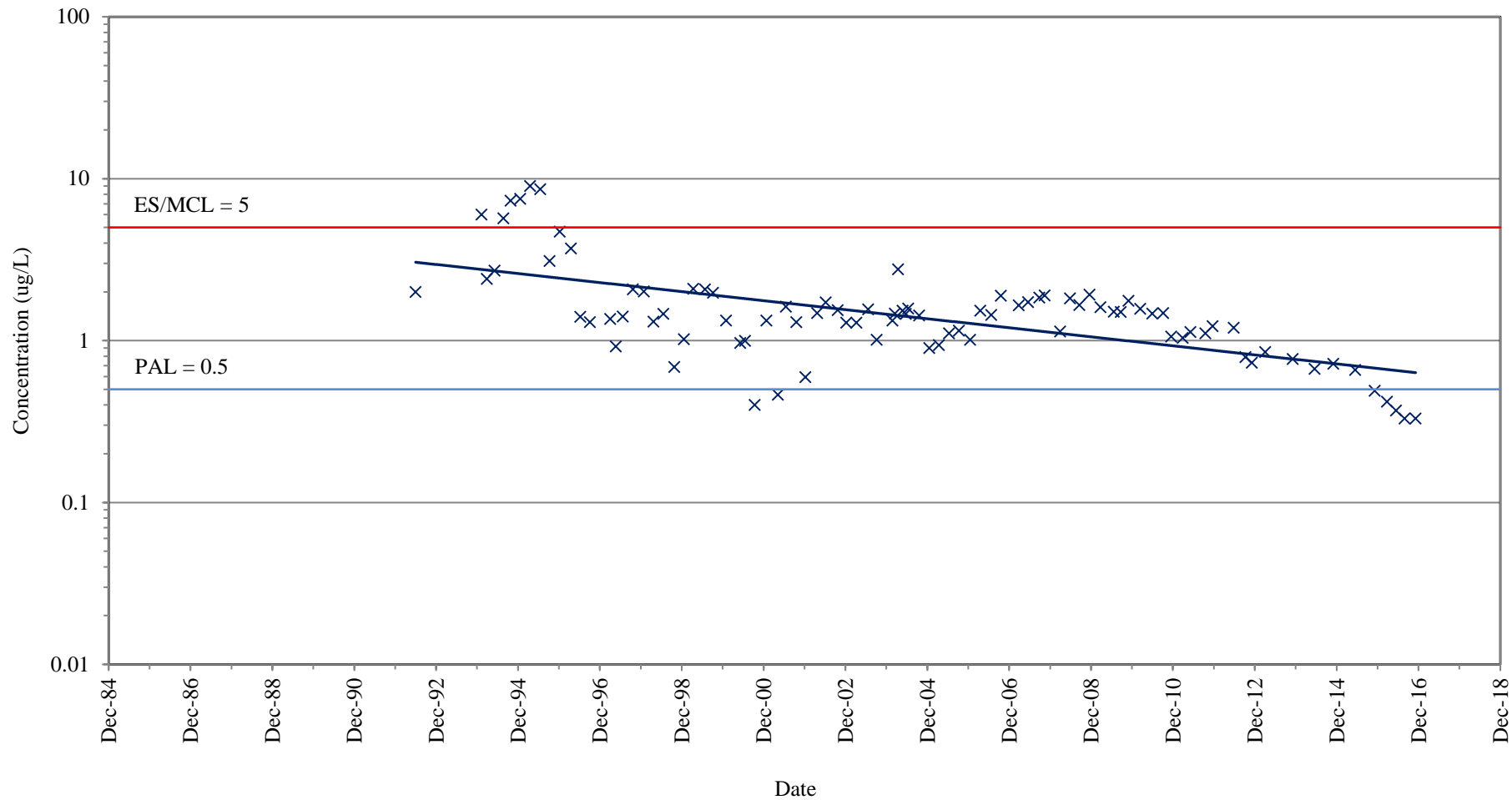
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-67A (GRID COORDINATE K7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-68B (GRID COORDINATE J7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 5E

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-69A THROUGH MW-77C

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
			1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
			None/850/85	7/7/0.7	5/5/0.5	200/200/40	5/5/0.5					
MW-69A (monitoring well at Grid Coordinate J8)												
	7/92	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.6	B
	02/08/94	NR	0.1		0.2	U	0.2	U	0.4		0.4	
	03/28/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	06/06/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	08/23/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	10/27/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	01/19/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	04/19/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	07/18/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	10/09/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	01/08/96	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	04/17/96	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	07/09/96	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.38	U
	10/02/96	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.4	U
	04/01/97	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	05/21/97	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	07/22/97	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	10/23/97	NR	0.4	U	0.5	U	0.6	U	0.7	U	0.4	U
	01/28/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	04/22/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	07/20/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	10/27/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	01/19/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	04/13/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
	07/28/99	NR	0.1	U	0.15	U	0.15	U	0.2	U	0.4	U
	10/06/99	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.177	J
	02/01/00	NR	0.15	U	0.15	U	0.15	U,CSL	0.15	U	0.4	U
	06/06/00	NR	0.15	U	0.15	U,CSH	0.15	U	0.15	U	0.4	U
	07/18/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
	10/13/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.197	J
	01/24/01	NR	0.15	U	0.15	U	0.15	U	0.15	U,SPH	0.4	U,SPH
	05/09/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
	07/17/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
	10/18/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
	01/09/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
	04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
	07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
	10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
	01/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
	07/22/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
	07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
	07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
	07/24/06	NR	0.5	U	0.5	U	0.71	U	0.42	U	0.5	U
	09/25/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
	09/18/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U

TABLE 5E

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-69A THROUGH MW-77C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
09/22/09	L	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/05/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
MW-69B (piezometer at Grid Coordinate J8)											
7/92	NR	0.2	U	0.3	U	0.3	U	0.6	J	0.3	
02/08/94	NR	0.3		0.2	U	0.2	U	0.6		0.4	
03/28/94	NR	0.2	U	0.2	U	0.2	U	1		0.36	U
06/06/94	NR	0.2	U	0.2	U	0.2	U	2.2		0.36	U
08/23/94	NR	0.2	U	0.2	U	0.2	U	1		0.36	U
10/27/94	NR	0.2	U	0.2	U	0.2	U	1.1		0.36	U
01/19/95	NR	0.2	U	0.2	U	0.2	U	2		0.36	U
04/19/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/18/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/09/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
01/08/96	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/17/96	NR	0.2	U	0.2	U	0.2	U	0.31		0.35	
07/09/96	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/02/96	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/01/97	NR	0.2	U	0.2	U	0.2	U	0.149		0.23	
05/21/97	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/22/97	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/23/97	NR	0.4	U	0.5	U	0.6	U	0.7	U	0.4	U
01/28/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/22/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/20/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/27/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
01/19/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/13/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/28/99	NR	0.1	U	0.15	U	0.15	U	0.2	U	0.4	U
10/06/99	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.1	U
02/01/00	NR	0.15	U	0.15	U	0.15	U,CSL	0.15	U	0.4	U
06/06/00	NR	0.15	U	0.15	U,CSH	0.15	U	0.15	U	0.4	U
07/18/00	NR	0.15	U	0.15	U	0.15	U	0.213	J	0.4	U
10/13/00	NR	0.15	U	0.15	U	0.15	U	0.09	U	0.211	J
01/24/01	NR	0.15	U	0.15	U	0.15	U	0.15	U,SPH	0.4	U,SPH
05/09/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
07/17/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
01/09/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/22/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.42	U	0.5	U
09/25/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U

TABLE 5E

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-69A THROUGH MW-77C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		I,I-DCA		I,I-DCE		PCE		I,I-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
09/18/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
03/24/09	LF	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
03/24/09	H	0.2	U		NA	0.3	U	0.22	J	0.4	U
03/24/09	L	0.2	U		NA	0.3	U	0.2	U	0.4	U
09/22/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/05/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
MW-70A (monitoring well at Grid Coordinate K8)											
7/92	NR	4		0.3	U	0.6		8		43	
02/08/94	NR	2		0.05		0.4		5		36	
03/28/94	NR	3.9		0.2	U	1.3		8.2		49	
06/06/94	NR	2.5		0.2	U	0.2	U	3.4		14	
08/23/94	NR	0.2	U	0.2	U	0.2	U	1.2		6.8	
10/27/94	NR	0.2	U	0.2	U	0.2	U	1		7.1	
01/19/95	NR	0.2	U	0.2	U	0.2	U	1.1		6.9	
04/19/95	NR	3.7		0.2	U	1		7.7		49	
07/18/95	NR	5.5		0.2	U	1.2		12		50	
10/09/95	NR	8.6		0.2	U	1.3		15		41	
01/08/96	NR	5.7		0.2	U	0.2	U	10		57	
04/17/96	NR	18.1		0.2	U	1.6		29		139	
07/09/96	NR	10		0.2	U	0.2	U	16		43	
10/02/96	NR	12		0.2	U	1.9		20		61	
04/01/97	NR	0.2	U	0.2	U	0.2	U	7.5		33.3	
05/21/97	NR	0.2	U	13		1.92		19.5		76.9	
07/21/97	NR	9.02		0.2	U	0.2	U	13.9		60.5	
10/22/97	NR	9.8		0.5	U	1.04		15.5		36.7	
01/27/98	NR	1.03		0.2	U	0.2	U	1.44		3.46	
04/21/98	NR	8.35		0.2	U	0.815		12.8		22.5	
07/21/98	NR	2.54		0.2	U	0.612		3.96		19.4	
10/27/98	NR	13		0.2	U	1.27		15.7		9.02	
01/18/99	NR	10		0.2	U	1.3		12		10.6	
04/12/99	NR	6.32		0.2	U	1.05		6.67		23.7	CSH
07/27/99	NR	5.69		0.15	U	1.05		6.99		17.4	
10/06/99	NR	4.81		0.15	U	0.994		6.47		26.4	Dup,SPL
02/02/00	NR	2.28		0.15	U	0.648	CSL	2.67		21.2	
06/07/00	NR	0.922		0.15	U	0.33	J	1.2		10.8	
07/18/00	NR	0.655		0.15	U	0.381	J	0.881		21	
10/11/00	NR	0.849	CSH,SPH	0.15	U	0.59		1.24		25.2	
01/24/01	NR	0.822		0.15	U	0.597		1.23	SPH	26.7	SPH
05/08/01	NR	1.13		0.15	U	0.803		1.95		35.2	
07/17/01	NR	1.52		0.38	U	1.26		2.3		53.1	
10/16/01	NR	1.9	U	1.9	U	1.3	U	1	U	56.5	
01/09/02	NR	1.9	U	1.9	U	1.3	U	1	U	75.7	
04/22/02	NR	1.8	U	1.95	U	1.6	U	2.25		72.5	
07/09/02	NR	1.8	U	1.95	U	1.6	U	2.1	U	58.6	
10/23/02	NR	1.8	U	1.95	U	1.68	D	2.1	U	98.1	
01/07/03	NR	1.8	U	1.95	U	1.6	U	2.1	U	51.2	
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	6.06	

TABLE 5E

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-69A THROUGH MW-77C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
07/22/03	NR	0.36	U	0.39	U,CSL	0.32	U	0.42	U	4.41	
10/07/03	NR	1.33		0.39	U	0.772	J	2.44		28.1	
02/24/04	NR	0.777	J	0.5	U	0.45	U	1.13	J	6.39	
03/16/04	NR	0.74	J	0.5	U	0.45	U	1.15	J	7.29	
04/13/04	NR	0.847	J	0.5	U	0.45	U	1.17	J	4.72	
05/24/04	NR	0.807	J	0.5	U	0.45	U	0.879	J	5.36	
06/22/04	NR	0.846	J	0.5	U	0.45	U	0.763	J	4.7	
07/14/04	NR	1.27	J	0.5	U	0.45	U	1.08	J	5.52	
10/19/04	NR	1.1	J	0.5	U	0.45	U	0.42	U	4.33	
01/18/05	NR	1.2	J	0.5	U	0.45	U	0.751	J	2.97	
04/13/05	NR	1.14	J	0.5	U	0.463	J	0.813	J	1.44	J
07/12/05	NR	1.03	J	0.5	U	0.453	J	0.661	J	1.28	J
10/10/05	NR	0.704	J	0.5	U	0.45	U	0.52	J	0.689	J
04/17/06	NR	0.881	J	0.5	U	0.45	U	0.42	U	1.12	J
07/24/06	NR	0.5	U	0.5	U	0.71	U	0.51	J	0.5	U
10/18/06	NR	0.23	J	0.15	U	0.13	J	0.24	J	0.4	J
03/26/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	1.03	
06/20/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.91	
09/25/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.56	J
04/02/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.97	J
06/25/08	NR	0.32	J	0.4	U	0.3	U	0.2	U	0.48	J
09/18/08	NR	0.31	J	0.4	U	0.3	U	0.22	J	0.4	U
12/17/08	NR	0.33	J	0.4	U	0.3	U	0.22	J	0.45	J
03/24/09	L	0.42	J	0.4	U	0.3	U	0.29	J	0.56	J
07/21/09	L	0.4	U	0.4	U	0.3	U	0.5	U	0.57	J
09/21/09	L	0.4	U	0.4	U	0.3	U	0.5	U	0.89	J
11/30/09	L	0.4	U	0.4	U	0.3	U	0.5	U	0.98	J
03/15/10	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/29/10	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
12/21/10	M	0.40	U	0.40	U	0.30	U	0.50	U	0.43	J
06/08/11	HS	0.41	J	0.40	U	0.30	U	0.50	U	0.65	J
06/08/11	LF	0.52	J	0.40	U	0.30	U	0.50	U	0.57	J
12/21/11	M	0.45	J	0.40	U	0.30	U	0.50	U	0.48	J
06/26/12	M	0.82	J	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.54	J	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/24/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.41	J
06/13/16	HS	0.40	J	0.41	U	0.50	U	0.50	U	0.74	J
08/29/16	M	0.45	J	0.41	U	0.50	U	0.50	U	0.55	J
12/05/16	M	0.25	JA	0.41	UA	0.50	UA	0.50	UA	0.51	JA
MW-70B (piezometer at Grid Coordinate K8)											
07/01/92	NR	0.2	U	0.3	U	0.3	U	1		1	
02/08/94	NR	0.07		0.2	U	0.02		0.1		1	
03/28/94	NR	0.2	U	0.2	U	0.2	U	1		2.8	

TABLE 5E

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-69A THROUGH MW-77C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
06/06/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
08/23/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/27/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
01/19/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/19/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/18/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	1.8	
10/09/95	NR	1.4		0.2	U	0.2	U	3		3.9	
01/08/96	NR	0.2	U	0.2	U	0.2	U	1.1		4.5	
04/17/96	NR	2.6		0.2	U	0.2	U	4.2		13	
07/09/96	NR	2		0.2	U	0.2	U	3.2		4.1	
10/02/96	NR	1.9		0.2	U	0.2	U	3.1		1.9	
04/01/97	NR	2.51		0.2	U	0.2	U	3.7		7.53	
05/21/97	NR	0.2	U	4.48		0.2	U	6.79		6.23	
07/21/97	NR	5.21		0.2	U	0.29		7.59		6.7	
10/22/97	NR	3.75		0.5	U	0.6	U	5.2		11.1	
01/27/98	NR	13.1		0.2	U	1.54		18.6		39.7	
04/21/98	NR	4.93		0.2	U	0.374		7.36		8.06	
07/21/98	NR	0.856		0.2	U	0.2	U	1.43		1.79	
10/27/98	NR	2.33		0.2	U	0.321		3.03		1.9	
01/18/99	NR	2.94		0.2	U	0.485	J	3.44		2.13	
04/12/99	NR	3.69		0.2	U	0.45	J	3.88		2.24	CSH
07/27/99	NR	1.82		0.15	U	0.344	J	2		3.43	
10/06/99	NR	2		0.15	U	0.379		2.48		8.33	Dup,SPL
02/02/00	NR	0.535		0.15	U	0.15	U	1.69		6.51	CSH,Dup
06/07/00	NR	0.386	J	0.15	U	0.15	U	0.416	J	4.32	
07/18/00	NR	0.15	U	0.15	U	0.15	U	0.152	J	1.47	
10/11/00	NR	0.525		0.15	U	0.209	J	0.881		5.8	
01/24/01	NR	0.446	J	0.15	U	0.184	J	0.581	SPH	11.2	SPH
05/08/01	NR	0.16	J	0.15	U	0.197	J	0.224	J	5.36	
07/17/01	NR	0.789	J	0.38	U	0.452	J	1.08		24.3	
10/16/01	NR	0.38	U	0.38	U	0.458	J	0.403	J	32	
01/09/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	7.88	
04/22/02	NR	0.378	J	0.39	U	0.32	U	0.595	J	8.9	
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	3.94	
10/23/02	NR	0.413	J	0.39	U	0.381	J,Dup	0.691	J,Dup	10.1	Dup
01/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	10.2	
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/22/03	NR	0.36	U	0.39	U,CSL	0.32	U	0.42	U	0.36	U
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.546	J	0.453	J
02/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
03/16/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
05/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
06/22/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
01/18/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/10/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U

TABLE 5E

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-69A THROUGH MW-77C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
04/17/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/17/06	NR	0.15	U	0.15	U	0.1	U	0.2	U	0.2	U
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
09/18/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
07/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
11/30/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/16/10	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/08/11	HS	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/08/11	LF	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
12/21/11	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
08/29/16	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-71A (monitoring well at Grid Coordinate K8)											
7/92	NR	0.2	U	0.3	U	0.3	U	1		0.2	U
02/08/94	NR	0.2	U	0.2	U	0.2		1		0.2	
03/28/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
06/06/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
08/23/94	NR	0.2	U	0.2	U	0.2	U	1.1		0.36	U
10/27/94	NR	0.2	U	0.2	U	0.2	U	1.1		0.36	U
04/19/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/17/96	NR	0.45		0.2	U	0.2	U	0.96		0.23	
05/21/97	NR	0.2	U	0.36		0.2	U	0.75		0.36	U
04/22/98	NR	0.21		0.2	U	0.2	U	0.578		0.36	U
07/27/99	NR	0.1	U	0.15	U	0.15	U	0.264	J	0.4	U
02/21/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
MW-71B (abandoned piezometer at Grid Coordinate K8)											
7/92	NR	0.2	U	0.3	U	0.3	U	0.6	J	0.2	U
02/08/94	NR	0.4	U	0.2	U	0.4	U	1		0.4	
03/28/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
06/06/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
08/23/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
10/27/94	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
04/19/95	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
04/17/96	NR	0.2	U	0.2	U	0.2	U	0.37		0.2	U
05/21/97	NR	0.2	U	0.083		0.2	U	0.22		0.2	U
04/22/98	NR	0.2	U	0.2	U	0.2	U	0.255		0.36	U
07/27/99	NR	0.1	U	0.15	U	0.15	U	0.2	U	0.4	U

TABLE 5E

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-69A THROUGH MW-77C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
MW-74A (monitoring well at Grid Coordinate J8)											
07/22/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
02/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
03/16/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
05/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
06/22/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
01/18/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/11/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/10/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/18/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/18/06	NR	0.15	U	0.15	U	0.1	U	0.2	U	0.23	J
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.33	J
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
09/18/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.43	J
09/21/09	L	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/05/10	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/06/11	M	0.40	U	0.40	U	0.30	U	0.50	U	0.57	J
10/17/11	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
10/14/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/24/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
08/29/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-74B (piezometer at Grid Coordinate J8)											
07/22/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
02/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
03/16/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
05/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
06/22/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
01/18/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/14/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/10/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/17/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/17/06	NR	0.15	U	0.15	U	0.1	U	0.2	U	0.2	U
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U

TABLE 5E

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-69A THROUGH MW-77C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
09/18/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
07/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
11/30/09	M	0.4	U	0.4	U	0.3	U	0.25	CSH	0.4	U
12/16/10	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/06/11	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
10/17/11	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
10/17/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	HS	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/24/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
08/29/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-75 (monitoring well at Grid Coordinate K8)											
07/22/03	NR	2.94		0.39	U	0.552	J	2.4		0.36	U
10/07/03	NR	3.32		0.39	U	0.682	J	2.9		0.36	U
02/24/04	NR	2.84		0.50	U	0.601	J	2.65		0.50	U
03/16/04	NR	2.84		0.25	U	0.495	J	2.42		0.50	U
04/13/04	NR	5.37		0.50	U	0.921	J	3.95		0.50	U
05/24/04	NR	7.66		0.50	U	1.27	J	5.36		0.50	U
06/22/04	NR	5.95		0.50	U	0.964	J	4.28		0.50	U
07/14/04	NR	7.86		0.50	U	1.4	J	5.91		0.50	U
10/20/04	NR	3.13		0.50	U	0.607	J	1.87		0.50	U
01/18/05	NR	2.18		0.50	U	0.497	J	1.45		0.50	U
04/11/05	NR	1.46	J	0.50	U	0.526	J	1.07	J	0.50	U
10/10/05	NR	0.85	J	0.50	U	0.225		0.793	J	0.50	U
04/18/06	NR	1.31	J	0.50	U	0.225		0.42	U	0.50	U
10/17/06	NR	0.91		0.15	U	0.29	J	0.20	U	0.20	U
06/19/07	NR	1.79		0.40	U	0.42	J	0.72		0.20	U
06/25/08	NR	0.93		0.40	U	0.3	U	0.61	J	0.40	U
09/18/08	NR	1.07		0.40	U	0.31	J	0.81		0.40	U
12/16/08	NR	0.53	J	0.40	U	0.30	U	0.34	J	0.40	U
07/21/09	B	0.64	J	0.40	U	0.30	U	0.50	U	0.40	U
11/30/09	L	1.64		0.40	U	0.34	J,CSH	0.50	U	0.40	U
12/16/10	M	1.00	J	0.40	U	0.30	U	0.50	U	0.40	U
MW-76A (monitoring well at Grid Coordinate K7)											
10/04/10	M	0.40	U	0.40	U	0.30	U	15.1		9.28	
12/15/10	M	0.90	J	0.40	U	1.56		49.2		29.1	
03/29/11	M	3.12		0.40	U	1.62		75.9		41.5	
06/06/11	M	8.14		0.71	J	2.35		129		87.6	
10/20/11	M	27.3		1.04	J	2.23		172		16.1	
12/22/11	M	11.1		1.01	J	1.7		197		15.4	
03/13/12	M	3.06		0.93	J	1.53		166		13.1	
06/26/12	M	1.5		0.57	U	1.3		166		8.4	
10/09/12	M	1.2		0.63	J	1.2		141		9.1	

TABLE 5E

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-69A THROUGH MW-77C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
12/04/12	M	1.0		0.61	J	0.73	J	186		8.6	
04/09/13	M	0.85	J	0.57	U	1.5		151		9.4	
10/15/13	M	0.90	J	0.85	J	1		209		14.1	
12/04/13	M	0.50	J	0.64	J	1.3		192		11.9	
04/15/14	M	0.69	J	0.43	J	1.3		155		8.8	
06/17/14	M	0.61	J	0.53	J	1.3		145		9.3	
09/15/14	M	0.38	J	0.41	U	0.79	J	91.2		5.2	
12/02/14	M	0.63	J	0.41	U	1.1		138		8.5	
03/24/15	M	0.61	J	0.41	U	1.3		137		8.1	
06/16/15	M	0.50	J	0.46	J	0.93	J	106		6.3	
09/23/15	M	0.24	U	0.41	U	0.50	U	2.5		0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	4.9		0.47	J
03/21/16	M	0.24	U	0.41	U	0.50	U	2.2		0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.61	J	0.38	J
08/30/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-76B (piezometer at Grid Coordinate K7)											
10/04/10	M	0.40	U	0.40	U	0.30	U	0.50	U	1.54	
12/15/10	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
03/29/11	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/06/11	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
10/20/11	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
12/22/11	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
03/13/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	UA
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-77A (monitoring well at Grid Coordinate K7)											
10/04/10	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
12/15/10	M	0.40	U	0.40	U	0.30	U	0.50	U	0.42	J
04/06/11	M	0.40	U	0.40	U	0.30	U	0.54	J	0.96	J
06/06/11	M	0.40	U	0.40	U	0.30	U	0.60	J	2.38	
10/20/11	M	0.40	U	0.40	U	0.30	U	0.50	U	1.80	
12/21/11	M	0.40	U	0.40	U	0.30	U	0.63	J	1.80	
03/13/12	M	0.40	U	0.40	U	0.30	U	0.50	U	1.02	J
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.94	J
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	1.2	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.93	J

TABLE 5E

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-69A THROUGH MW-77C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	1.4	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.5	
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.7	DUP
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.4	
04/15/14	M	0.16	U	0.41	U	0.50	U	0.50	U	1.1	
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.3	
09/15/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.72	J
12/01/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.2	
03/23/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.4	
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.89	J
09/22/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.1	
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.66	J
03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.1	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.3	
08/31/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.91	J
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.51	J
MW-77B (piezometer at Grid Coordinate K7)											
10/04/10	M	0.40	U	0.40	U	0.30	U	0.50	U	1.53	
12/15/10	M	0.40	U	0.40	U	0.30	U	0.50	U	2.57	
04/06/11	M	0.40	U	0.40	U	0.30	U	0.50	U	2.48	
06/06/11	M	0.40	U	0.40	U	0.30	U	0.50	U	2.67	
10/20/11	M	0.40	U	0.40	U	0.30	U	0.66	J	2.58	
12/21/11	M	0.40	U	0.40	U	0.30	U	0.66	J	2.90	
03/13/12	M	0.40	U	0.40	U	0.30	U	0.50	U	2.20	
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	1.4	
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	1.9	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	1.3	
04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	1.5	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.5	
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.4	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.95	J
04/15/14	M	0.16	U	0.41	U	0.50	U	0.50	U	1.2	
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.4	
09/15/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.4	
12/01/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
03/23/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.3	
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.7	
09/22/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.6	
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.2	
03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.7	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.6	
08/31/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.4	
MW-77C (piezometer at Grid Coordinate K7)											
10/04/10	M	0.40	U	0.40	U	0.30	U	0.50	U	0.53	J
12/15/10	M	0.40	U	0.40	U	0.30	U	0.50	U	0.80	J
04/06/11	M	0.40	U	0.40	U	0.30	U	0.50	U	0.97	J

TABLE 5E

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-69A THROUGH MW-77C

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	Sample Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
				1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
				None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
06/06/11	M	0.40	U	0.40	U	0.30	U	0.50	U	1.13	J		
10/20/11	M	0.40	U	0.40	U	0.30	U	0.50	U	0.82	J		
12/21/11	M	0.40	U	0.40	U	0.30	U	0.50	U	0.87	J		
03/13/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.80	J		
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.53	J		
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.74	J		
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.59	J		
04/04/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.66	J		
07/02/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.66	J		
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.56	J		
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U		
04/15/14	M	0.16	U	0.41	U	0.50	U	0.50	U	0.48	J		
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.58	J		
09/15/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.47	J		
12/01/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.48	J		
03/23/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.54	J		
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.59	J		
09/22/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.74	J		
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.41	J		
03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.61	J		
06/16/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.66	J		
08/31/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.55	J		
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.60	J		

TABLE 5E

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS MW-69A THROUGH MW-77C

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$)/parts per billion (ppb).

Detected concentrations at or above an applicable NR 140 PAL are in red font and italicized.

Detected concentrations at or above an applicable MCL/NR 140 ES are in red font and bold.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

HS = HydraSleeve.

LF = Low flow.

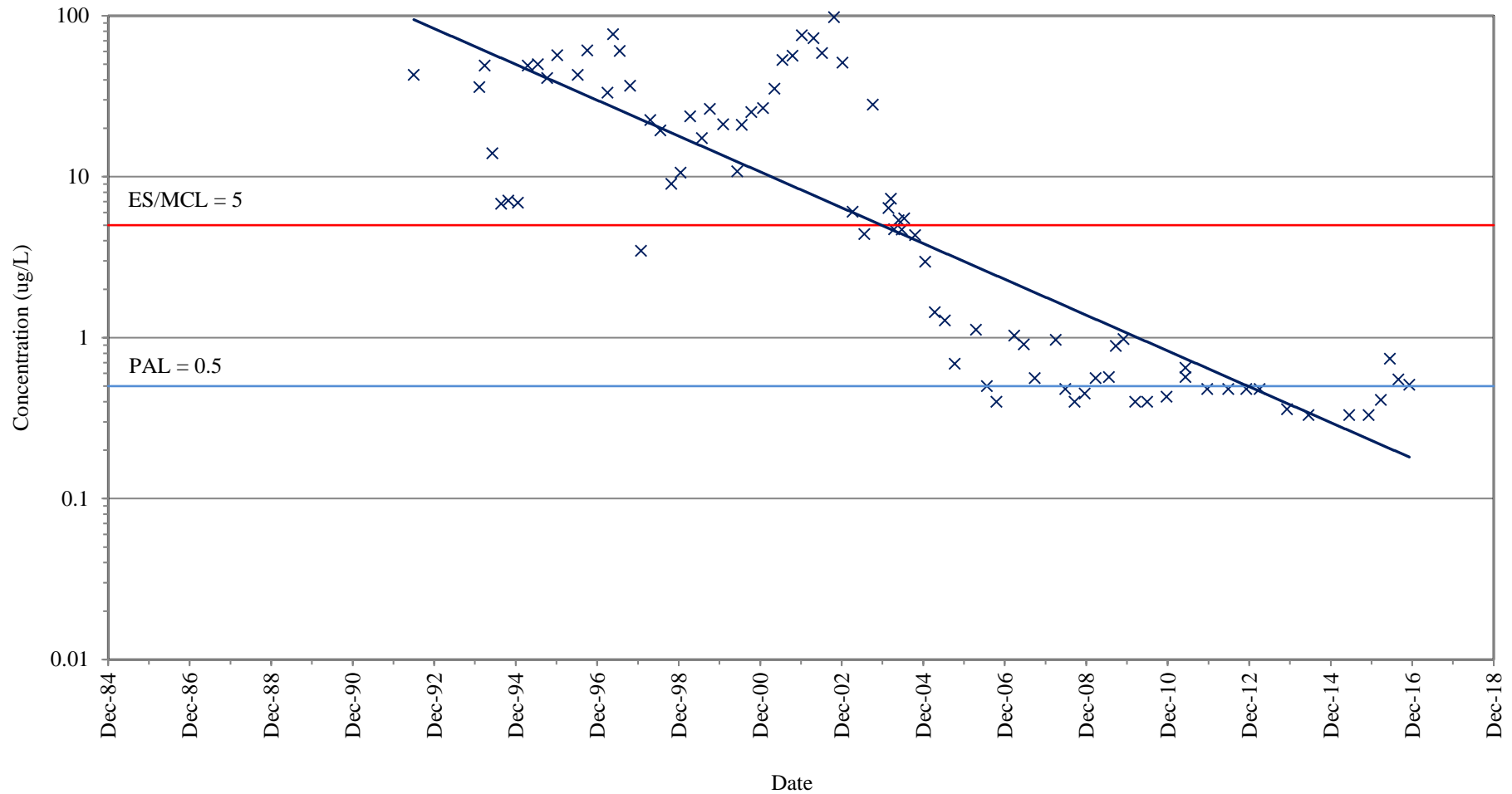
NR = Not recorded until 2009.

PDB = Passive diffusion bag.

H = PDB or HS in upper portion of saturated screened interval.

M = PDB or HS in middle portion of saturated screened interval.

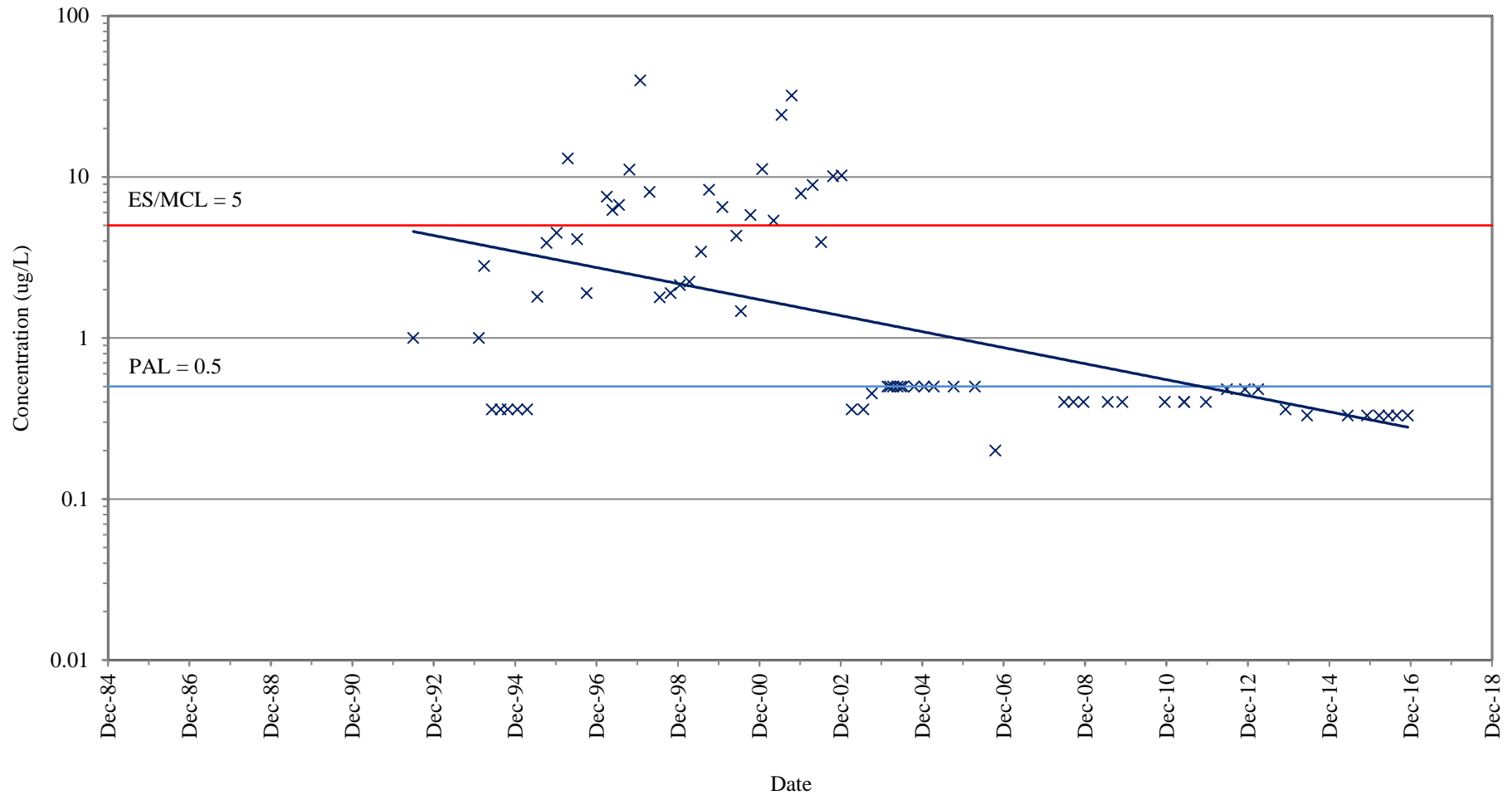
L = PDB or HS in lower portion of saturated screened interval.



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-70A (GRID COORDINATE K8)

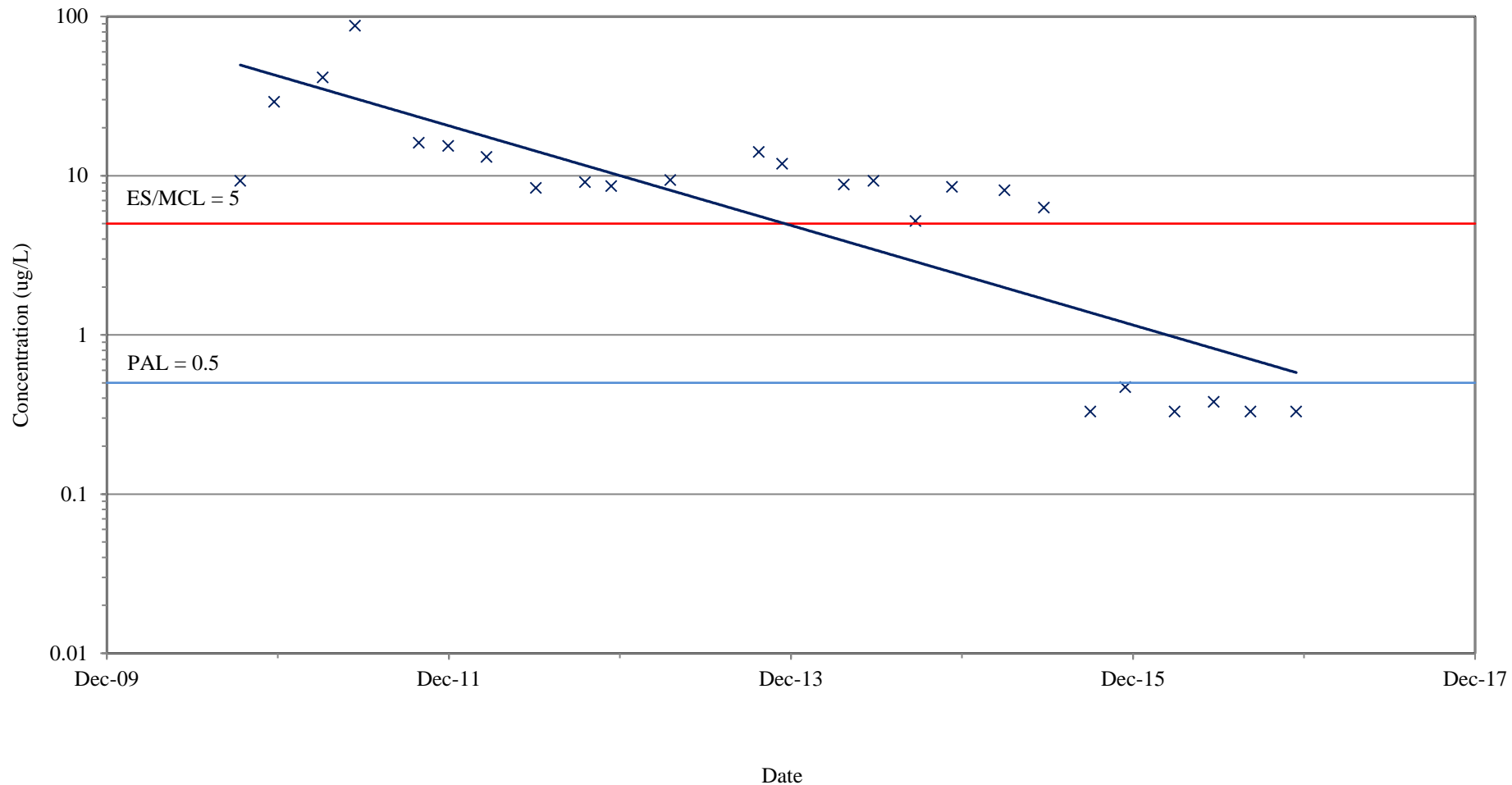
NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-70B (GRID COORDINATE K8)

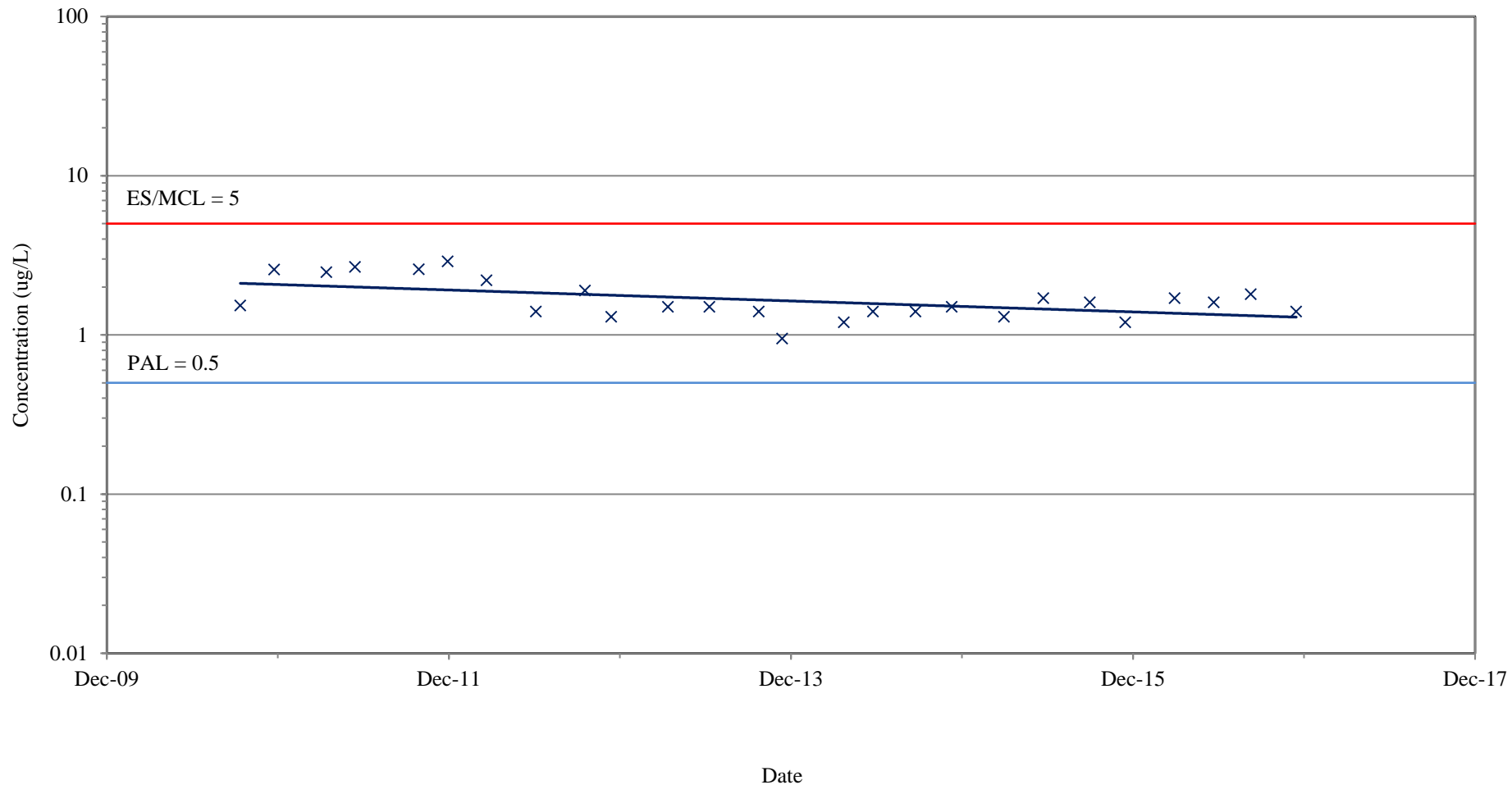
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-76A (GRID COORDINATE K7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
MW-77B (GRID COORDINATE K7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 5F

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS PW-2 THROUGH WW-15C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
PW-2 (monitoring well at Grid Coordinate K7)											
11/27/07	NR	2	U	4	U	3	U	2	U	2	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.54	J	0.4	U
PW-3R (abandoned monitoring well at Grid Coordinate K7)											
11/27/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.23	J
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
12/16/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
09/21/09	L	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/29/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/20/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/16/15	M	0.24	UA	0.41	UA	0.50	UA	0.50	UA	0.33	UA
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
RW-2A (monitoring well at Grid Coordinate J7)											
07/01/1989	NR	0.2	U	0.2	U	0.08	J	1		3	
05/01/1990	NR	0.2	U	0.2	U	0.2	U	0.8		2	
04/01/91	NR	0.2	U	0.3	U	2	J	0.9		3	JB
01/01/95	NR	1	U	2	U	1	U	1	U	1.9	
04/01/95	NR	1	U	2	U	1	U	1	U	1.9	
09/25/07	NR	0.2	U	0.4	U	0.3	U	0.37	J	1.21	
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.45	J	1.17	
03/31/08	NR	0.2	U	0.4	U	0.3	U	0.59	J	0.91	J
01/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.03	J
03/29/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.08	J
06/06/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.08	J
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.22	J
12/22/11	M	0.4	U	0.4	U	0.3	U	0.89	J	2.40	
03/12/12	M	0.4	U	0.4	U	0.3	U	0.5	U	1.09	J
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.98	J
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.93	J
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.78	J
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.95	J
10/15/13	M	0.28	U	0.43	U	0.47	U	0.58	J	1.10	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.79	J
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.95	J
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.75	J
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.71	J
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.74	J
06/13/16	M	0.24	UA	0.41	UA	0.50	UA	0.50	UA	0.95	JA
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.77	J
RW-2B (piezometer at Grid Coordinate J7)											
7/89	NR	0.3	J	0.2	U	0.2	U	1		5	

TABLE 5F

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS PW-2 THROUGH WW-15C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
5/90	NR	0.2	J	0.2	U	0.2	U	1		4	
4/91	NR	0.2	U	0.3	U	2	J	1		4	
01/01/95	NR	1	U	2	U	1	U	1		3.5	
04/01/95	NR	1	U	2	U	1	U	1.2		5.4	
09/25/07	NR	0.2	U	0.4	U	0.3	U	1.03		2.57	
11/13/07	NR	0.2	U	0.4	U	0.3	U	1.1		2.47	
03/31/08	NR	0.24	J	0.4	U	0.3	U	0.2	U	2.44	
01/18/11	M	0.4	U	0.4	U	0.3	U	0.64	J	1.86	
03/29/11	M	0.4	U	0.4	U	0.3	U	0.74	J	2.41	
06/06/11	M	0.4	U	0.4	U	0.3	U	0.85	J	2.69	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.84	J	2.57	
12/22/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.18	J
03/12/12	M	0.4	U	0.4	U	0.3	U	0.77	J	2.21	
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	2.0	
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	2.4	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	2.0	
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	1.9	
10/15/13	M	0.28	U	0.43	U	0.47	U	0.82	J	2.0	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.79	J	1.8	
06/17/14	M	0.24	U	0.41	U	0.50	U	0.92	J	2.0	
12/02/14	M	0.24	U	0.41	U	0.50	U	0.93	J	1.9	
06/15/15	M	0.24	U	0.41	U	0.50	U	0.59	J	1.7	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.5	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.66	J	1.8	
12/06/16	M	0.24	U	0.41	U	0.50	U	0.64	J	2.0	
RW-2C (piezometer at Grid Coordinate J7)											
07/01/1989	NR	0.5	J	0.06	J	0.2	J	2		6	
05/01/1990	NR	0.5		0.1	J	0.2	J	2		6	
04/01/91	NR	0.5		0.3	U	0.3		2		6	
01/01/95	NR	1	U	2	U	1	U	1.6		5.1	
04/01/95	NR	1	U	2	U	1	U	1.6		6.1	
09/25/07	NR	0.25	J	0.4	U	0.3	U	1.23		3.04	
11/13/07	NR	0.24	J	0.4	U	0.3	U	1.15		2.57	
03/31/08	NR	0.2	U	0.4	U	0.3	U	1.11		2.64	
01/18/11	M	0.4	U	0.4	U	0.3	U	0.79	J	2.26	
03/29/11	M	0.4	U	0.4	U	0.3	U	0.66	J	2.14	
06/06/11	M	0.4	U	0.4	U	0.3	U	0.9	J	2.78	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.67	J	2.24	
12/22/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.17	J
03/12/12	M	0.4	U	0.4	U	0.3	U	0.78	J	2.00	
03/12/12	M	0.4	U	0.4	U	0.3	U	0.81	J	2.02	
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	1.7	
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	2.0	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	1.4	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	1.6	
10/15/13	M	0.28	U	0.43	U	0.47	U	0.82	J	1.4	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.58	J	1.2	
06/17/14	M	0.24	UA	0.41	UA	0.50	UA	0.79	JA	1.7	A

TABLE 5F

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS PW-2 THROUGH WW-15C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
12/02/14	M	0.24	U	0.41	U	0.50	U	0.73	J	1.5	
06/15/15	M	0.24	U	0.41	U	0.50	U	0.59	J	1.2	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.3	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.6	
12/06/16	M	0.24	U	0.41	U	0.50	U	0.52	J	1.6	
RW-3A (monitoring well at Grid Coordinate C6)											
10/15/85	NR		NA	1	U		NA	1	U	13	
07/15/87	NR		NA	1	U		NA	1	U	7.1	
04/23/91	NR	2		0.7		0.4		14		6	JB
12/11/91	NR	3		0.9		0.3	U	17		6	
06/15/92	NR		NA		NA		NA		NA	6	
06/20/92	NR		NA		NA		NA		NA	6	
07/15/92	NR		NA	1	U		NA	1	U	6	
06/15/95	NR		NA		NA		NA		NA	5	
07/27/95	NR	2	J		NA		NA	12		5	J
01/11/96	NR		NA		NA		NA		NA	5.5	
03/16/98	NR		NA		NA		NA		NA	3.77	
04/19/99	NR	0.843		0.3	J	0.249	J	5.98		4.3	CSH
10/08/99	NR	0.893		0.269	J	0.204	J	4.89		4.47	
05/23/00	NR	0.359	J	0.15	U	0.15	U	2.64		3.31	
10/12/00	NR	0.495	J	0.15	U	0.15	U	2		3.11	
05/10/01	NR	0.15	U	0.15	U	0.15	U	1.1		2.13	
10/17/01	NR	0.38	U	0.38	U	0.26	U	0.495	J	2.24	
04/22/02	NR	0.36	U	0.36	U,SPL	0.32	U,SPL	0.502	J	2.03	
10/23/02	NR	0.36	U	0.36	U	0.32	U	0.784	J	2.7	
04/10/03	NR	0.36	U	0.36	U	0.32	U	0.42	U	1.74	
10/08/03	NR	0.36	U	0.39	U	0.32	U	0.666	J	1.97	
04/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.41	
10/20/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.77	
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.09	J
10/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.99	
04/18/06	NR	0.5	U	0.5	U	0.45	U	1.902	U	2.65	
10/18/06	NR	0.15	U,CSL	0.15	U	0.1	U	0.4	J	1.98	
06/20/07	NR	0.2	U	0.4	U	0.3	U	0.57	J	2.71	
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.39	J	1.96	
06/26/08	NR	0.2	U	0.4	U	0.3	U	0.42	J	2.21	
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.41	J	2.54	
07/21/09	L	0.4	U	0.4	U	0.3	U	0.5	U	2.63	
12/01/09	L	0.4	U	0.4	U	0.3	U	0.5	U	2.21	
06/30/10	M	0.4	U	0.4	U	0.3	U	0.5	U	2.73	
12/20/10	M	0.4	U	0.4	U	0.3	U	0.5	U	2.74	
06/07/11	M	0.4	U	0.4	U	0.3	U	0.5	U	2.17	
10/19/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.95	
12/22/11	M	0.4	U	0.4	U	0.3	U	0.5	U	2.41	
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	2.2	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	2.0	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2.0	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	

TABLE 5F

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS PW-2 THROUGH WW-15C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
12/03/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.2	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.2	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.9	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	
12/07/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.0	
RW-3B (piezometer at Grid Coordinate C6)											
10/85	NR		NA		NA		NA		NA	24	
04/23/91	NR	4		2		0.7		30		10	JB
12/11/91	NR	4		2		0.4		30		9	
06/15/92	NR		NA		NA		NA		NA	9	
06/20/92	NR		NA		NA		NA		NA	9	
07/15/92	NR		NA		NA		NA		NA	9	
07/27/95	NR	1	J		NA		NA	8	J	4	J
03/16/98	NR		NA		NA		NA		NA	6.31	
04/19/99	NR	1.76		0.523	J	0.41	J	8.67		0.36	U
10/08/99	NR	2.06		0.484	J	0.333	J	7.99		7.54	
05/23/00	NR	1.4		0.15	U	0.221	J	5.73		6.65	
10/12/00	NR	0.766		0.219	J	0.239	J	3.42		4.94	
05/10/01	NR	0.244	J	0.15	U	0.276	J	1.37		2.64	
10/17/01	NR	0.38	U	0.38	U	0.26	U	0.903		3.41	
04/22/02	NR	0.36	U	0.39	U,SPL	0.32	U,SPL	1.46		4.22	
10/23/02	NR	0.442	J	0.195		0.32	U	2.19		5.44	
04/10/03	NR	0.36	U	0.195		0.32	U	0.965	J	4.45	CSH
07/23/03	NR	0.36	U	0.39	U	0.32	U	1.26	J	3.88	
10/08/03	NR	0.483	J	0.39	U	0.336	J	1.9		5.52	
02/24/04	NR	0.5	U	0.5	U	0.45	U	1.34	J	4.16	
04/14/04	NR	0.5	U	0.5	U	0.45	U	1.24	J	4.43	
07/13/04	NR	0.5	U	0.5	U	0.45	U	1.39	J	4.52	
10/20/04	NR	0.5	U	0.5	U	0.45	U	1.12	J	5.20	
01/18/05	NR	0.5	U	0.5	U	0.45	U	0.763	J	4.54	
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.876	J	4.9	
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.755	J	4.42	
10/12/05	NR	0.5	U	0.5	U	0.45	U	0.897	J	4.51	
04/18/06	NR	0.5	U	0.5	U	0.45	U	1.26	J	4.90	
07/26/06	NR	0.5	U	0.5	U	0.71	U	1	J	4.05	
10/18/06	NR	0.15	U,CSL	0.15	U	0.17	J	1.04		5.03	
03/26/07	NR	0.26	J	0.15	U	0.3	J	0.2	U	4.69	
06/20/07	NR	0.23	J	0.4	U	0.39	J	1.02		4.56	
09/25/07	NR	0.2	U	0.4	U	0.3	U	0.81		4.18	
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.82		3.94	
06/26/08	NR	0.2	U	0.4	U	0.37	J	0.7		3.91	
09/18/08	NR	0.2	U	0.4	U	0.3	U	0.85		4.43	
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.89		5.03	
03/25/09	LF	0.2	U	0.4	U	0.38	J	0.63	J	4.40	
03/25/09	H	0.2	J		NA	0.3	U	0.51	J	0.91	J
03/25/09	L	0.53			NA	0.3	U	1.01	J	4.88	
07/21/09	LF	0.4	U	0.4	U	0.3	U	0.91	J	4.03	
07/21/09	H	0.4	U	0.4	U	0.3	U	0.5	U	1.21	J

TABLE 5F

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS PW-2 THROUGH WW-15C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
07/21/09	L	0.4	U	0.4	U	0.31	J	0.83	J	4.61	
09/22/09	M	0.4	U	0.4	U	0.39	J	0.99	J	5.53	
12/01/09	M	0.4	U	0.4	U	0.3	U	0.92	J	4.91	
03/16/10	M	0.4	U	0.4	U	0.3	U	0.69	J	4.23	
06/30/10	M	0.4	U	0.4	U	0.3	U	0.76	J	5.18	
10/05/10	M	0.4	U	0.4	U	0.3	U	0.63	J	4.37	
12/20/10	M	0.4	U	0.4	U	0.32	J	0.68	J	1.73	
03/30/11	M	0.4	U	0.4	U	0.3	U	0.61	J	4.23	
06/07/11	M	0.4	U	0.4	U	0.3	J	0.71	J	4.78	
10/19/11	M	0.4	U	0.4	U	0.3	J	0.66	J	4.05	
12/22/11	M	0.4	U	0.4	U	0.31	J	0.78	J	5.30	
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	4.2	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	4.9	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	3.8	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	4.1	
12/03/14	M	0.24	U	0.41	U	0.50	U	0.50	U	3.7	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.7	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	3.6	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.7	
12/07/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.5	
RW-3C (piezometer at Grid Coordinate C6)											
10/15/85	NR		NA	1	U		NA	1	U	26	
07/15/87	NR		NA	1	U		NA	1	U	14	
04/01/91	NR	3		2		0.5		29		11	JB
04/07/91	NR	3		2		0.5		29		11	J
12/01/91	NR	3	J	0.8	J	0.2	U	23		9	
12/11/91	NR	3	J	0.8	J	0.6	U	23		9	
06/15/92	NR		NA		NA		NA		NA	9	
06/20/92	NR		NA		NA		NA		NA	9	
07/15/92	NR		NA	1	U		NA	1	U	9	
06/15/95	NR		NA		NA		NA		NA	5	
07/27/95	NR	1	J	0.5	J		NA	8	J	5	J
01/11/96	NR		NA		NA		NA		NA	9.1	
03/16/98	NR		NA		NA		NA		NA	5.4	
04/19/99	NR	2.71		0.417	J	0.316	J	6.67		8.17	CSH
10/08/99	NR	3.4		0.471	J	0.3	J	7.11		9.44	
05/23/00	NR	1.95		0.329	J,CSH	0.305	J	3.65		5.58	
10/12/00	NR	1.63		0.236	J	0.184	J	3.91		5.77	
05/10/01	NR	0.913		0.15	U	0.188	J	1.84		3.69	
10/17/01	NR	0.38	U	0.38	U	0.26	U	0.539	J	1.91	
04/22/02	NR	0.41	J	0.39	U,SPL	0.32	U,SPL	2.07		5.11	
10/23/02	NR	1.04	J	0.39	U	0.32	U	2.92		5.88	
04/10/03	NR	0.36	U	0.39	U	0.32	U	1.53		5.48	CSH
07/23/03	NR	0.387	J	0.39	U	0.32	U	1.63		4.64	
10/08/03	NR	1.29		0.39	U	0.324	J	3.09		6.52	
02/24/04	NR	0.679	J	0.5	U	0.45	U	1.99		5.27	
04/14/04	NR	0.555	J	0.5	U	0.45	U	1.74		5.13	
07/13/04	NR	0.753	J	0.5	U	0.45	U	1.85		5.64	

TABLE 5F

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS PW-2 THROUGH WW-15C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	J	7/7/0.7	U	5/5/0.5	U	200/200/40	J	5/5/0.5	J
10/20/04	NR	0.677	J	0.5	U	0.45	U	1.63		5.57	
01/18/05	NR	0.5	U	0.5	U	0.45	U	1.28	J	5.45	
04/12/05	NR	0.5	U	0.5	U	0.45	U	1.29	J	5.36	
07/12/05	NR	0.5	U	0.5	U	0.45	U	1.36	J	6.25	
10/12/05	NR	0.5	U	0.5	U	0.45	U	1.27	J	6.08	
04/18/06	NR	0.5	U	0.5	U	0.45	U	1.53		6.14	
07/26/06	NR	0.5	U	0.5	U	0.71	U	1.11	J	4.71	
10/18/06	NR	0.24	J,CSL	0.15	U	0.15	J	1.15		4.87	
03/26/07	NR	0.39	J	0.15	U	0.33	J	0.2	U	5.59	
06/20/07	NR	0.36	J	0.4	U	0.3	U	1.22		5.57	
09/25/07	NR	0.1	J	0.4	U	0.3	U	1.06		5.12	
11/13/07	NR	0.3	J	0.4	U	0.3	U	1.09		4.44	
04/02/08	NR	0.31	J	0.4	U	0.3	U	1.02		4.29	
06/26/08	NR	0.5	J	0.4	U	0.31	J	0.83		4.64	
09/18/08	NR	0.29	J	0.4	U	0.3	U	1.02		5.06	
12/17/08	NR	0.3	J	0.4	U	0.3	U	0.98		5.05	
03/25/09	LF	0.22	J	0.4	U	0.32	J	0.85		5.04	
07/21/09	M	0.4	U	0.4	U	0.3	U	1.18	J	6.02	
09/22/09	M	0.4	U	0.49	J	0.3	J	1.29	J	6.73	
12/01/09	M	0.4	U	0.4	U	0.6	U	1.05	J	5.52	
03/16/10	M	0.4	U	0.4	U	0.6	U	0.83	J	5.19	
06/30/10	M	0.4	U	0.4	U	0.6	U	0.88	J	6.05	
10/05/10	M	0.4	U	0.4	U	0.3	U	0.74	J	4.94	
12/20/10	M	0.4	U	0.4	U	0.3	U	0.73	J	5.30	
03/30/11	M	0.4	U	0.4	U	0.3	U	0.73	J	5.00	
06/07/11	M	0.4	U	0.4	U	0.32	J	0.85	J	5.75	
10/19/11	M	0.4	U	0.4	U	0.3	U	0.72	J	4.58	
12/22/11	M	0.4	U	0.4	U	0.3	U	0.86	J	5.67	
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	5.0	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	4.1	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.44	U	4.2	
06/18/14	M	0.24	UA	0.41	UA	0.50	UA	0.52	JA	4.9	A
12/03/14	M	0.24	U	0.41	U	0.50	U	0.52	J	4.6	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	3.6	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	4.0	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	3.8	
12/07/16	M	0.24	U	0.41	U	0.50	U	0.52	J	4.3	

RW-15 (monitoring well at Grid Coordinate J7)

10/15/85	NR		NA		NA		NA		NA	7.9	
07/15/87	NR		NA	1	U		NA	1	U	11	
10/15/87	NR		NA	1	U		NA	1	U	14	
09/11/89	NR	4	J	4		0.8		93	E	9	
05/29/90	NR	3		3		0.8		63	E,R	10	
04/23/91	NR	0.8		0.6		0.6		12		8	J
12/18/91	NR	0.2	U	0.3	U	0.3	U	0.5	J,B	3	U
06/15/92	NR		NA		NA		NA		NA	10	
06/20/92	NR		NA		NA		NA		NA	10	
07/15/92	NR		NA	1	U		NA	1	U	10	

TABLE 5F

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS PW-2 THROUGH WW-15C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
04/15/95	NR	1	U	1	U	1	U	4.1		7.3	
06/15/95	NR		NA		NA		NA		NA	7	
07/21/95	NR		NA		NA	0.5	J	3	J	7	J
01/10/96	NR		NA		NA		NA		NA	7.8	
03/16/98	NR		NA		NA		NA		NA	4.71	
10/12/00	NR	0.332	J	0.15	U	0.224	J	1.42		4.75	
06/29/10	M	0.4	U	0.4	U	0.3	U	0.68	J	5.24	
12/16/10	M	0.4	U	0.4	U	0.3	U	0.8	J	5.78	
03/29/11	M	0.4	U	0.4	U	0.35	J	0.7	J	5.12	
06/07/11	M	0.4	U	0.4	U	0.3	U	0.69	J	5.78	
10/18/11	M	0.4	U	0.4	U	0.3	U	0.63	J	4.72	
12/22/11	M	0.4	U	0.4	U	0.39	J	0.86	J	4.95	
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	4.6	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	4.4	
07/02/13	M	0.28	U	0.43	U	0.47	U	0.66	J	4.8	
12/04/13	M	0.28	U	0.43	U	0.47	U	0.49	J	4.2	
06/17/14	M	0.24	U	0.41	U	0.50	U	0.54	J	4.3	
12/04/14	M	0.24	U	0.41	U	0.50	U	0.58	J	4.2	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	2.1	
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	3.4	
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	3.7	
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	3.1	
RW-16 (monitoring well at Grid Coordinate G7)											
10/15/85	NR		NA		NA		NA		NA	9.6	
07/15/87	NR		NA		NA		NA		NA	9.6	
10/15/87	NR		NA		NA		NA		NA	7.6	
05/29/90	NR		NA		NA		NA		NA	8	
06/02/90	NR	3		2		2		41		8	
04/19/91	NR	2		1		2		31		8	J
12/19/91	NR	2	J	0.7	J	1	JB	22		7	J
06/15/92	NR		NA		NA		NA		NA	8	
06/20/92	NR		NA		NA		NA		NA	8	
06/15/95	NR		NA		NA		NA		NA	4	
03/16/98	NR		NA		NA		NA		NA	4.16	
04/15/99	NR	0.333	J,CSH	0.2	U	0.854		2.3		4.84	MSH
05/23/00	NR	0.075	J	0.15	U,CSH	0.514		0.955		0.4	U
10/12/00	NR	0.252	J	0.15	U	0.581		1.56		4.51	
05/09/01	NR	0.15	U	0.15	U	0.665		0.809		3.15	
04/22/02	NR	0.36	U	0.39	U,SPL	1.04	SPL	0.42	U	2.24	
10/24/02	NR	0.36	U	0.39	U	1.23		0.735	J	3.41	
04/10/03	NR	0.36	U	0.39	U	0.91	J	0.42	U	3.28	
10/08/03	NR	0.36	U	0.39	U	0.995	J	0.925	J	3.85	
04/14/04	NR	0.5	U	0.5	U	0.622	J	0.557	J	2.76	
10/20/04	NR	0.5	U	0.5	U	0.584	J	0.518	J	2.90	
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	2.73	
10/11/05	NR	0.5	U	0.5	U	0.611	J	0.42	U	3.03	
04/18/06	NR	0.5	U	0.5	U	0.611	J	0.42	U	3.26	
10/18/06	NR	0.15	U,CSL	0.15	U	0.27	J	0.32	J	2.17	

TABLE 5F

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS PW-2 THROUGH WW-15C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U	7/7/0.7	U	5/5/0.5	J	200/200/40	J	5/5/0.5	U
06/20/07	NR	0.2	U	0.4	U	0.53	J	0.47	J	2.63	
11/13/07	NR	0.2	U	0.4	U	0.34	J	0.31	J	1.98	
06/26/08	NR	0.2	U	0.4	U	0.49	J	0.51	J	2.98	
12/17/08	NR	0.2	U	0.4	U	0.54	J	0.5	J	3.04	
07/21/09	L	0.4	U	0.4	U	0.15	J	0.5	U	1.83	
12/01/09	L	0.4	U	0.4	U	0.3	U	0.5	U	1.69	
06/29/10	M	0.4	U	0.4	U	0.3	U	0.5	U	1.56	
12/20/10	M	0.4	U	0.4	U	0.36	J	0.5	U	1.77	
06/07/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.59	
10/19/11	M	0.4	U	0.4	U	0.46	J	0.5	U	2.39	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.90	U	1.7	
07/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	1.3	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.1	
06/17/15	M	0.24	UA	0.41	UA	0.50	UA	0.50	UA	2.7	A
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	2.3	
RW-16B (piezometer at Grid Coordinate G7)											
10/15/85	NR		NA		NA		NA		NA	10	
04/19/91	NR	3		2		0.5		43		9	B
12/19/91	NR	6		4		1	J	32	J	17	J
06/15/92	NR		NA		NA		NA		NA	18	
06/20/92	NR		NA		NA		NA		NA	18	
07/15/92	NR		NA	1	U		NA	1	U	18	
06/15/95	NR		NA		NA		NA		NA	8	
07/27/95	NR	1	J	0.5	J	0.4	J	17		8	J
01/11/96	NR		NA		NA		NA		NA	8.9	
03/16/98	NR		NA		NA		NA		NA	1.81	
04/15/99	NR	0.373	J,CSH	0.2	U	0.242	J	2.94		3.96	MSH
10/07/99	NR	0.8	Dup	0.15	U	0.36	J	2.66	Dup	7.75	
05/23/00	NR	0.424	J	0.15	U,CSH	0.262	J	1.52		0.4	U
10/12/00	NR	0.575		0.15	U	0.35		2.43		7.16	
05/09/01	NR	0.215	J	0.15	U	0.289	J	1.2		4.74	
10/18/01	NR	0.38	U	0.38	U	0.26	U	1.03		3.63	
04/22/02	NR	0.36	U	0.39	U,SPL	0.32	U,SPL	0.77	J	4.34	
10/24/02	NR	0.36	U	0.39	U	0.32	U	1.2	J	5.08	
04/10/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	4.73	
07/23/03	NR	0.36	U	0.39	U	0.32	U	1.02	J	4.64	
10/08/03	NR	0.36	U	0.39	U	0.32	U	1.25	J	5.01	
02/24/04	NR	0.5	U	0.5	U	0.45	U	1.01	J	4.24	
04/14/04	NR	0.5	U	0.5	U	0.45	U	0.892	J	4.32	
07/15/04	NR	0.5	U	0.5	U	0.45	U	1.24	J	4.97	
10/20/04	NR	0.5	U	0.5	U	0.45	U	0.977	J	4.83	
01/18/05	NR	0.5	U	0.5	U	0.45	U	0.695	J	4.79	
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.785	J	4.86	
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.739	J	5.00	
04/18/06	NR	0.5	U	0.5	U	0.45	U	1.1	J	5.07	
10/18/06	NR	0.15	U,CSL	0.15	U	0.17	J	0.78		4.30	
03/26/07	NR	0.42	U	0.15	U	0.34	J	0.2	U	5.10	
06/20/07	NR	0.2	U	0.4	U	0.3	U	0.89		4.44	

TABLE 5F

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS PW-2 THROUGH WW-15C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
09/25/07	NR	0.2	U	0.4	U	0.3	U	0.91		4.45	
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.76		4.05	
04/01/08	NR	0.2	U	0.4	U	0.3	U	0.81		3.88	
06/26/08	NR	0.2	U	0.4	U	0.3	U	1		5.04	
09/18/08	NR	0.33	J	0.4	U	0.42	J	1.04		4.35	
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.95		5.29	
03/25/09	M	0.2	U	0.4	U	0.3	U	0.75		4.73	
07/21/09	M	0.4	U	0.4	U	0.3	U	0.88	J	4.76	
09/22/09	M	0.4	U	0.4	U	0.3	U	0.97	J	5.14	
12/01/09	M	0.4	U	0.4	U	0.3	U	0.81	J	4.72	
03/16/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/29/10	M	0.4	U	0.4	U	0.3	U	0.78	J	4.94	
10/05/10	M	0.4	U	0.4	U	0.3	U	0.85	J	4.57	
12/20/10	M	0.4	U	0.4	U	0.3	J	0.81	J	5.07	
03/29/11	M	0.4	U	0.4	U	0.3	J	0.54	J	4.26	
06/07/11	M	0.4	U	0.4	U	0.39	J	0.76	J	5.08	
10/19/11	M	0.4	U	0.4	U	0.3	U	0.77	J	4.24	
12/22/11	M	0.8	U	0.8	U	0.39	J	0.86	J	4.95	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.90	U	4.1	
07/03/13	M	0.28	U	0.43	U	0.47	U	0.62	J	3.5	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.52	J	3.4	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	1.8	
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	3.1	
RW-16C (piezometer at Grid Coordinate G7)											
10/15/85	NR		NA		NA		NA		NA	10	
04/19/91	NR	2		0.8		0.3		22		9	J
12/19/91	NR	2		0.7		0.2	J	22		8	
06/15/92	NR		NA		NA		NA		NA	8	
06/20/92	NR		NA		NA		NA		NA	8	
07/15/92	NR		NA		NA		NA		NA	8	
06/15/95	NR		NA		NA		NA		NA	3	
07/27/95	NR	0.8	J		NA		NA	10		3	J
03/16/98	NR		NA		NA		NA		NA	1.98	
04/15/99	NR	0.863	CSH,MSH	0.2	U	0.299	J	2.44		5.62	CSH
10/07/99	NR	0.8	Dup	0.15	U	0.173	J	1.84	Dup	5.39	
05/23/00	NR	0.328	J	0.15	U,CSH	0.15	U	1.01		0.4	U
10/12/00	NR	0.358	J	0.15	U	0.15	U	1.06		3.59	
05/09/01	NR	0.15	U	0.15	U	0.15	U	0.313	J	1.67	
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.792		0.26	U
04/22/02	NR	0.36	U	0.39	U,SPL	0.32	U,SPL	0.517	J	3.74	
10/24/02	NR	0.36	U	0.39	U	0.32	U	0.899	J	4.20	
10/08/03	NR	0.36	U	0.39	U	0.32	U	0.94	J	4.46	
04/14/04	NR	0.5	U	0.5	U	0.45	U	0.631	J	4.14	
10/20/04	NR	0.5	U	0.5	U	0.45	U	0.64	J	4.26	
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.479	J	3.98	
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	4.06	
04/18/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	4.39	
10/18/06	NR	0.15	U,CSL	0.15	U	0.1	U	0.48	J	3.40	

TABLE 5F

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS PW-2 THROUGH WW-15C

Well ID	Sample Date	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)								
			1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE
			MCL/ES/PAL	None/850/85	7/7/0.7	5/5/0.5	200/200/40	5/5/0.5			
06/20/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	3.54	
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.38	J	2.73	
06/26/08	NR	0.48	J	0.4	U	0.3	U	0.66	J	3.00	
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.52	J	3.77	
07/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	3.31	
12/01/09	M	0.4	U	0.4	U	0.3	U	0.58	J	3.84	
06/29/10	M	0.4	U	0.4	U	0.3	U	0.51	J	3.86	
12/20/10	M	0.4	U	0.4	U	0.3	U	0.57	J	4.02	
06/07/11	M	0.4	U	0.4	U	0.3	U	0.51	J	3.96	
10/19/11	M	0.4	U	0.4	U	0.3	U	0.55	J	3.78	
10/10/12	M	0.75	U	0.57	U	0.45	U	0.90	U	3.5	
07/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	2.7	
06/18/14	M	0.24	U	0.41	U	0.50	U	0.50	U	2.8	
06/17/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.72	J
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	3.6	
RW-22 (abandoned monitoring well at Grid Coordinate G7)											
6/90	NR	1		0.3		0.1	J	4		0.9	
4/08	NR	0.39	J	0.4	U	0.3	U	0.56	J	0.4	U
WW-15 (monitoring well at Grid Coordinate I8)											
9/89	NR	0.2	U	0.2	U	0.2	U	0.4		3	
5/90	NR	0.2	U	0.2	U	0.2	U	0.6		3	
4/91	NR	0.3		0.3	U	0.3	U	0.9		3	U
4/08	NR	0.2	U	0.4	U	0.3	U	0.21	J	1.08	J
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.21	J
10/10/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.84	J
07/02/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	1.00	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.89	J
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	1.3	
WW-15B (abandoned piezometer at Grid Coordinate I8)											
4/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	2	U
4/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
WW-15C (abandoned piezometer at Grid Coordinate I8)											
4/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	1	U
4/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U

TABLE 5F

NPI VOC ANALYTICAL RESULTS FROM PLUME 1/2 MONITORING WELLS PW-2 THROUGH WW-15C

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$)/parts per billion (ppb).

Detected concentrations at or above an applicable NR 140 PAL are in red font and italicized.

Detected concentrations at or above an applicable MCL/NR 140 ES are in red font and bold.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

HS = HydraSleeve.

LF = Low flow.

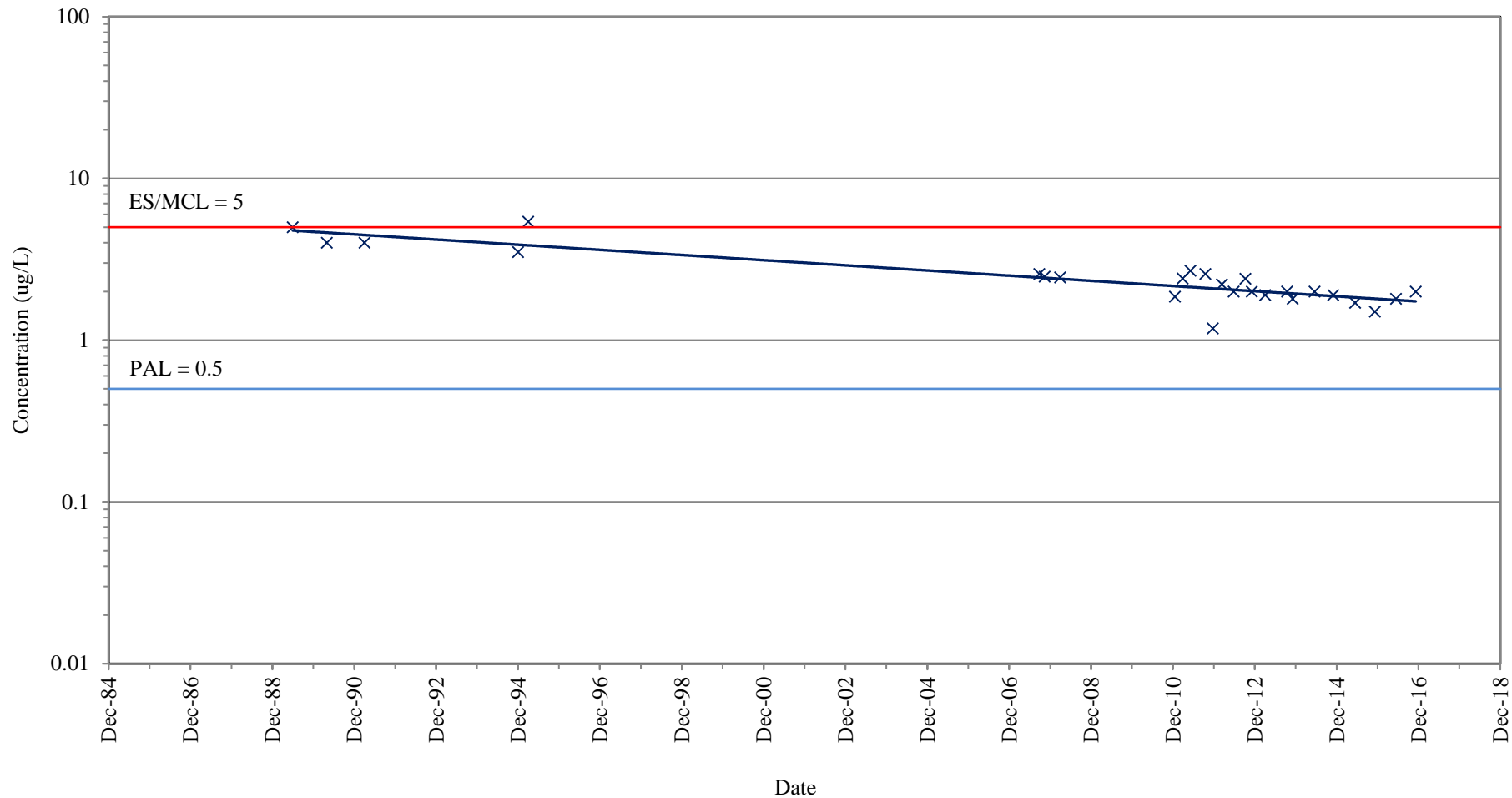
NR = Not recorded until 2009.

PDB = Passive diffusion bag.

H = PDB or HS in upper portion of saturated screened interval.

M = PDB or HS in middle portion of saturated screened interval.

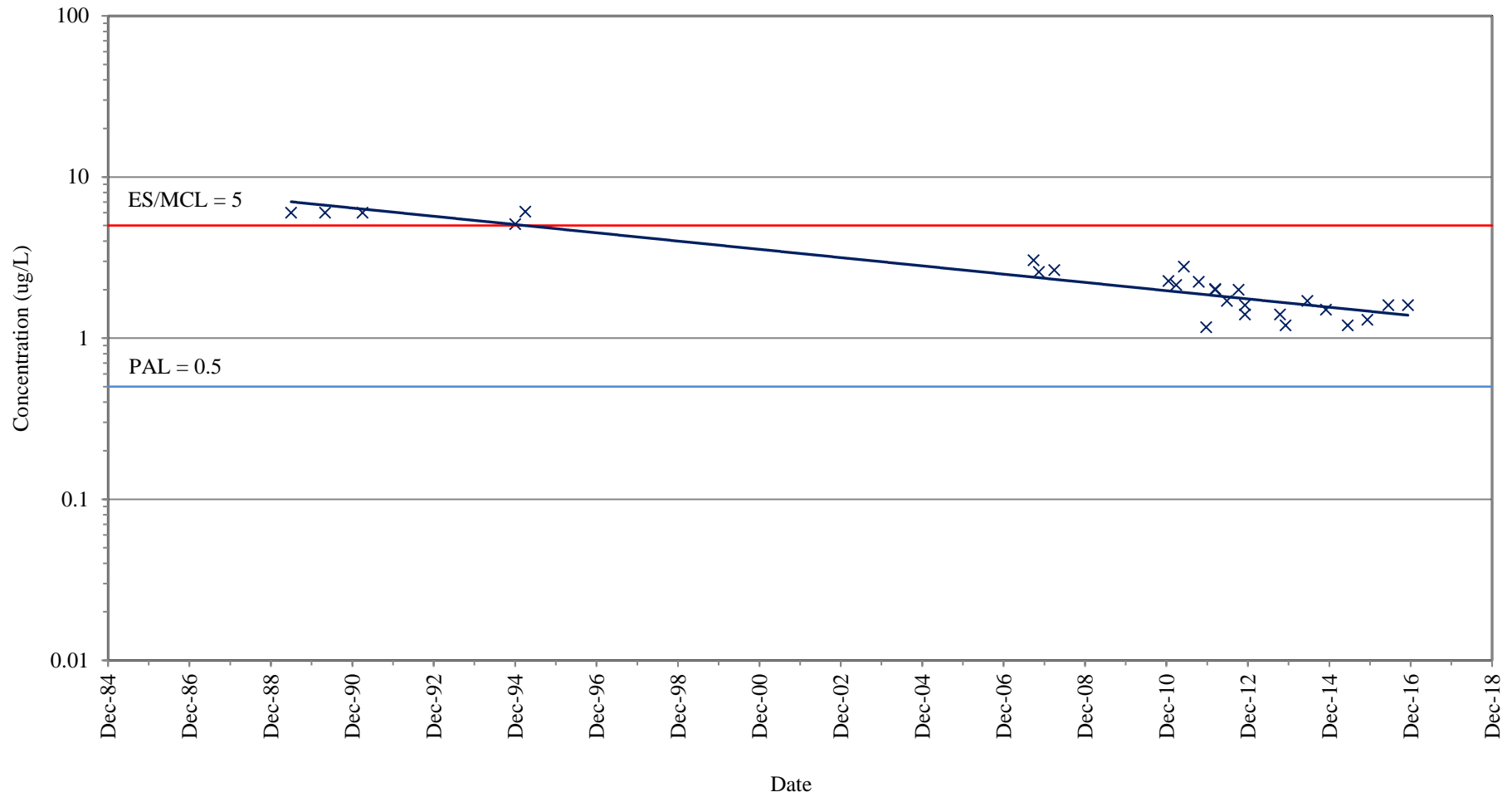
L = PDB or HS in lower portion of saturated screened interval.



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-2B (GRID COORDINATE J7)

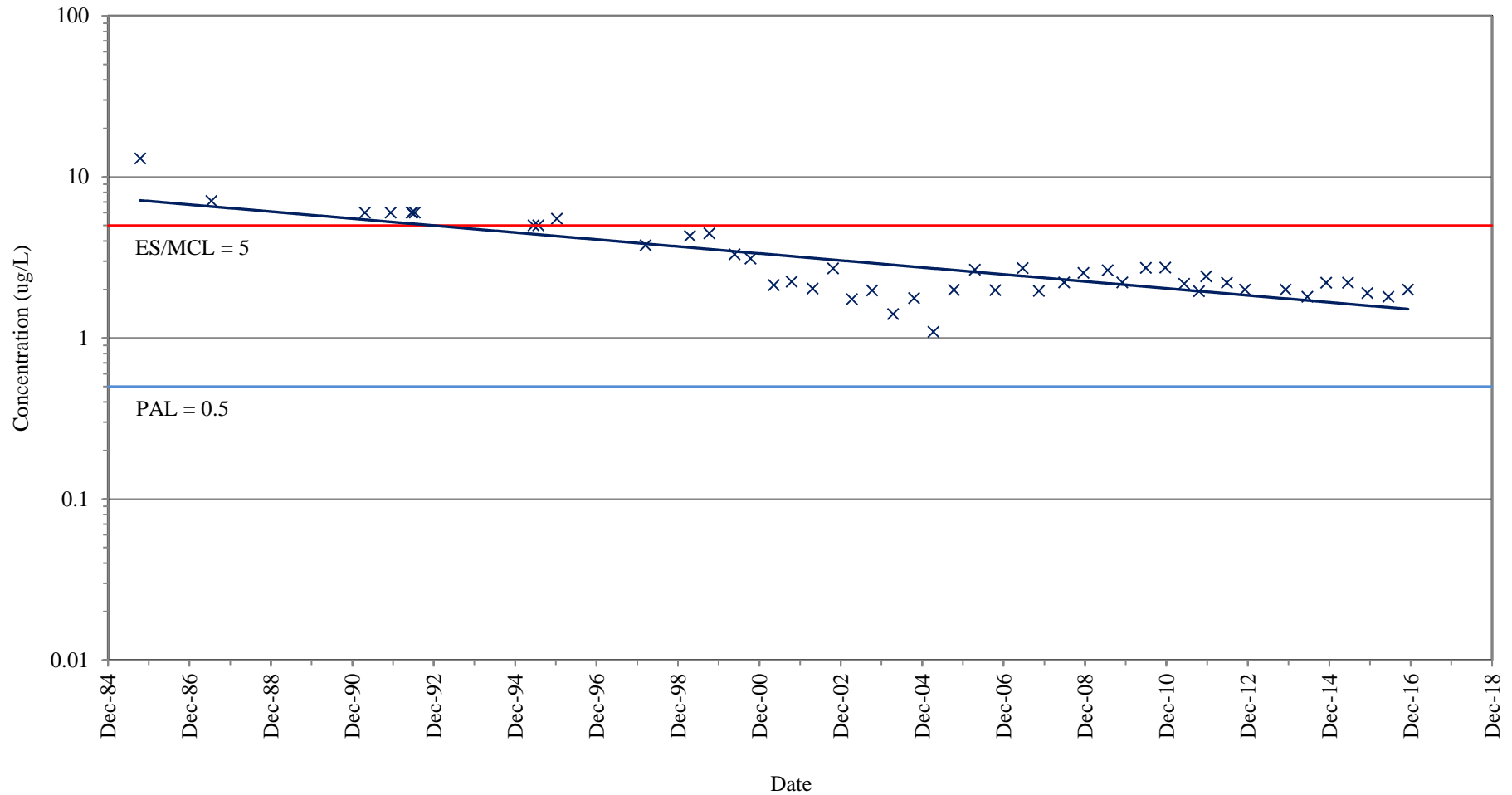
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-2C (GRID COORDINATE J7)

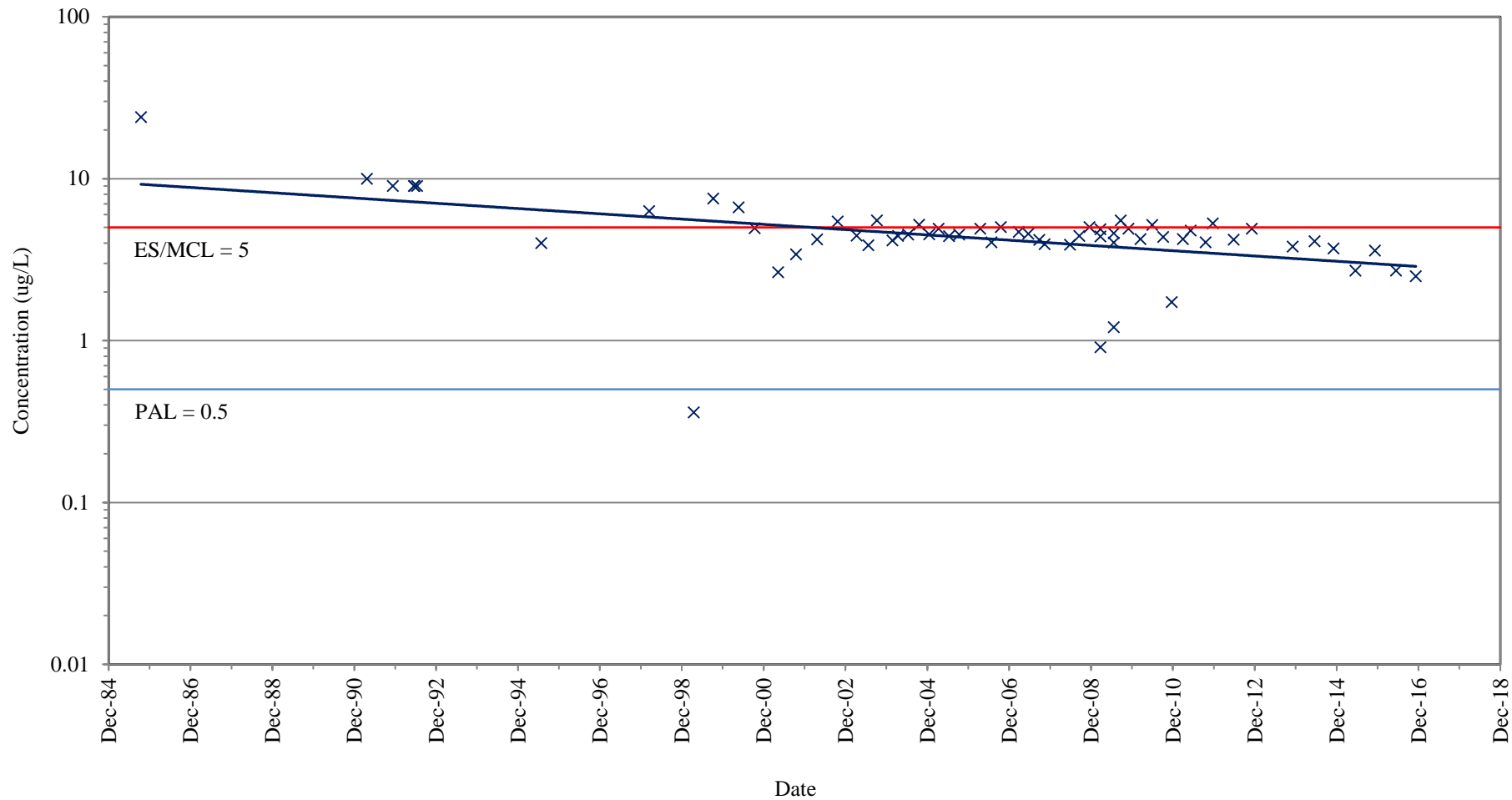
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-3A (GRID COORDINATE C6)

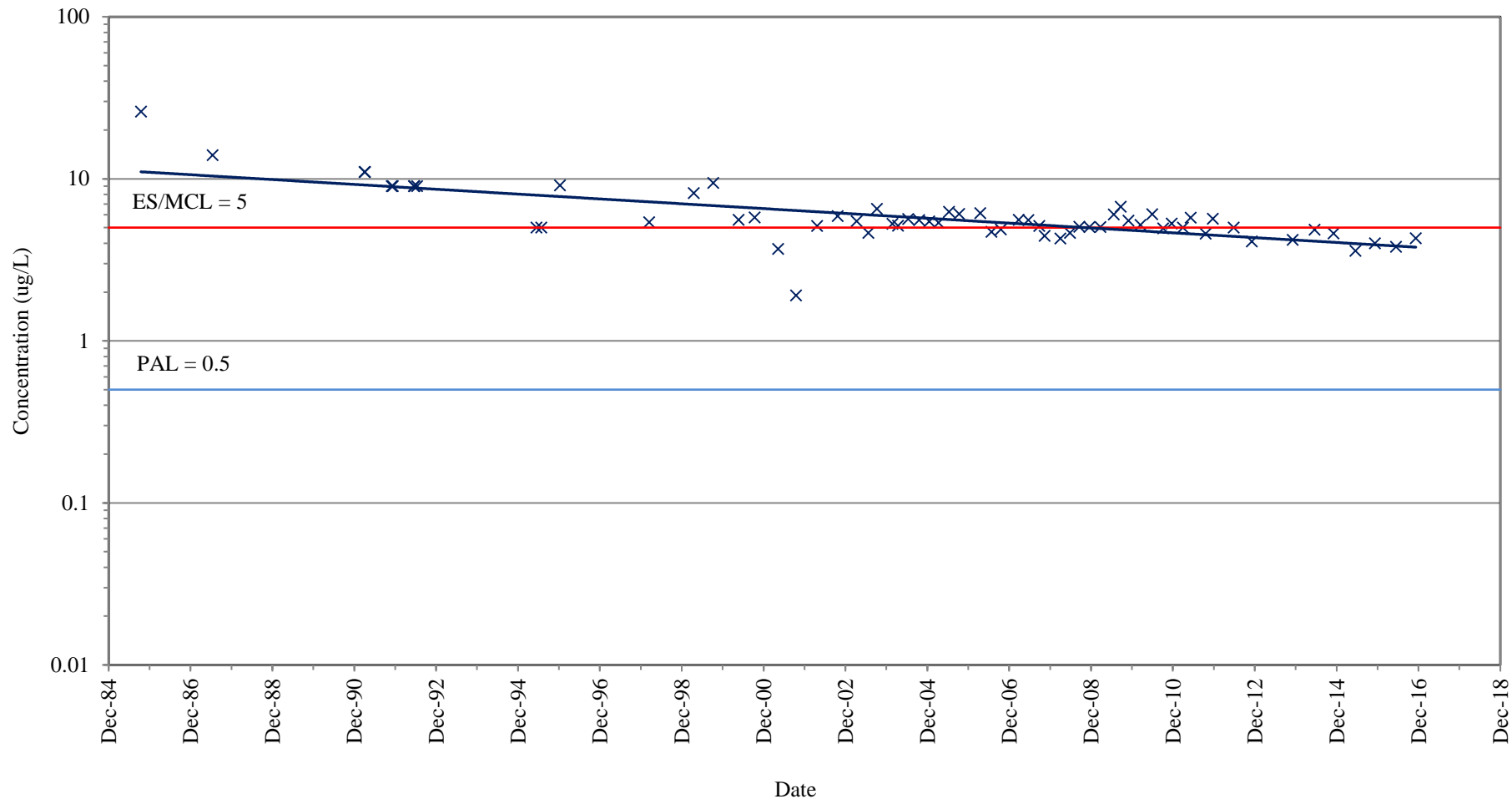
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-3B (GRID COORDINATE C6)

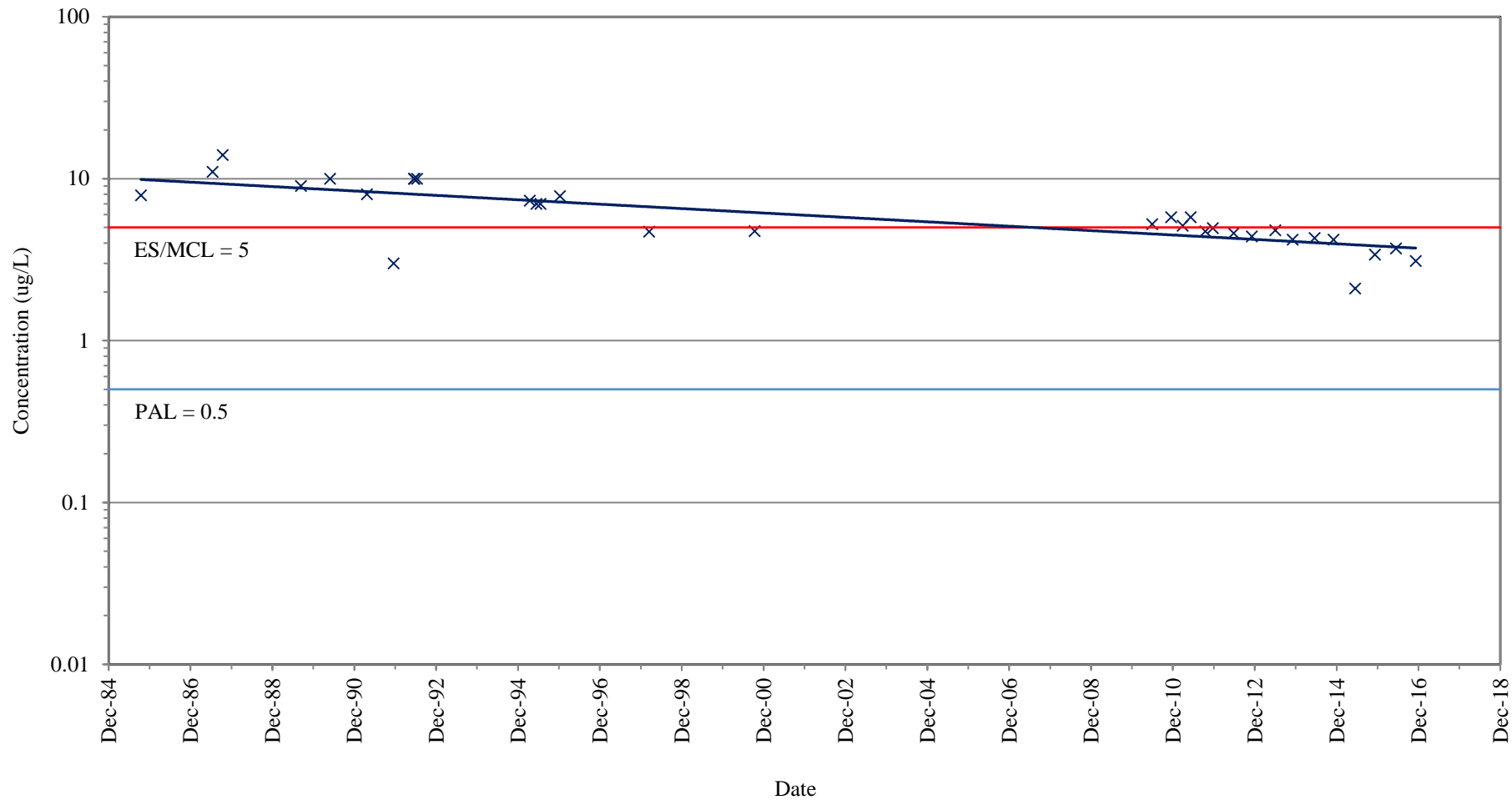
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-3C (GRID COORDINATE C6)

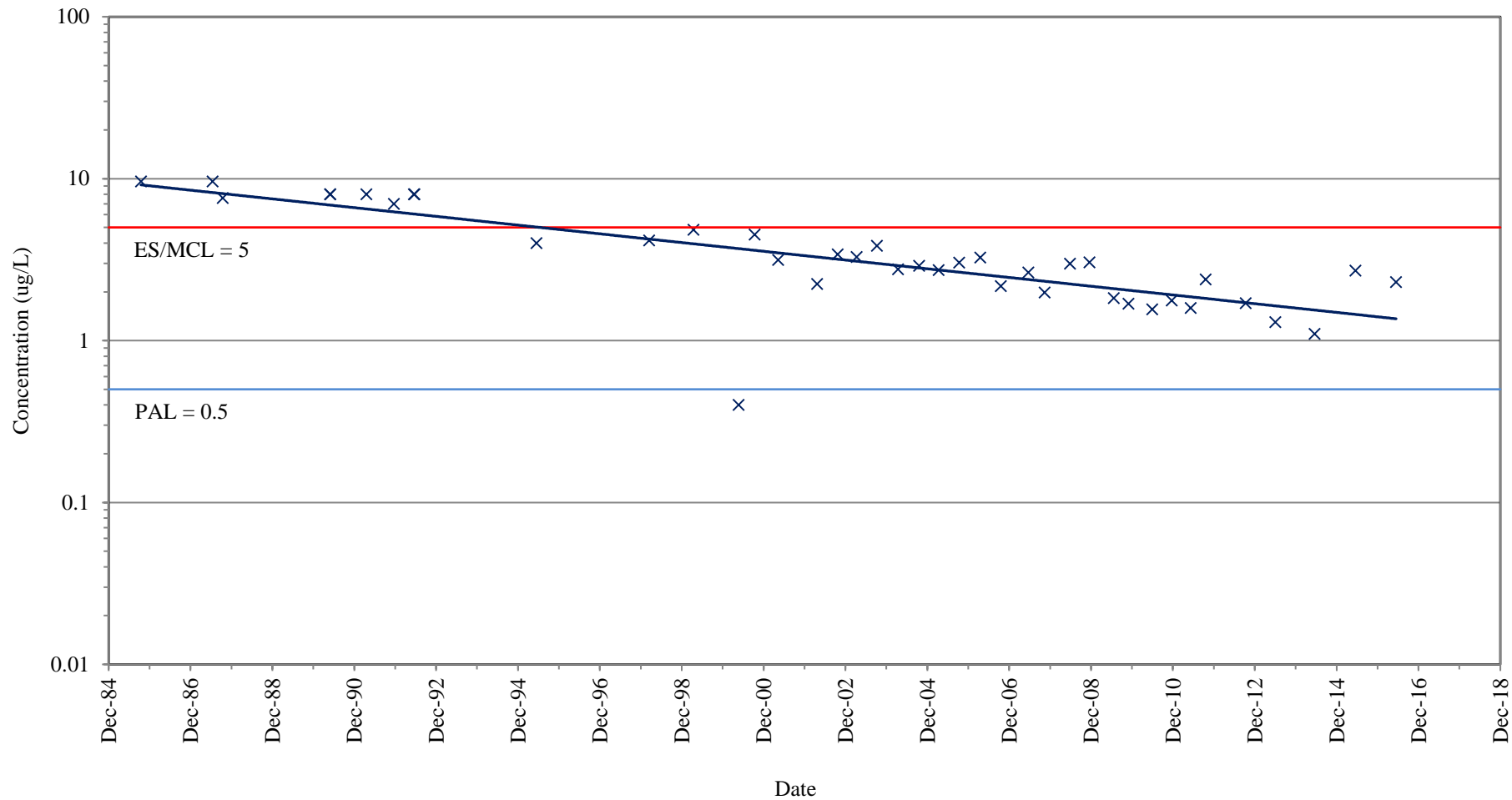
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-15 (GRID COORDINATE J7)

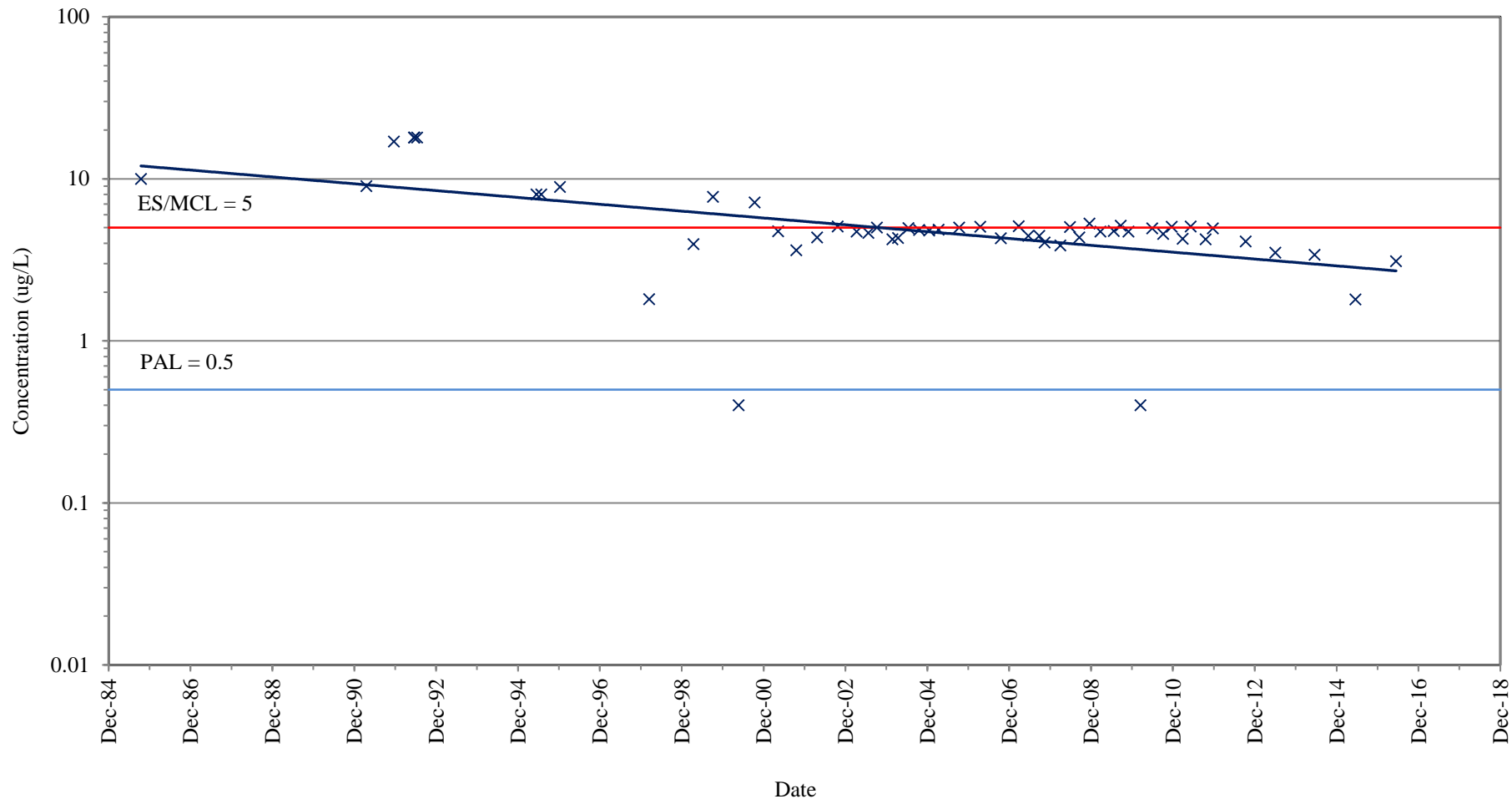
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-16 (GRID COORDINATE G7)

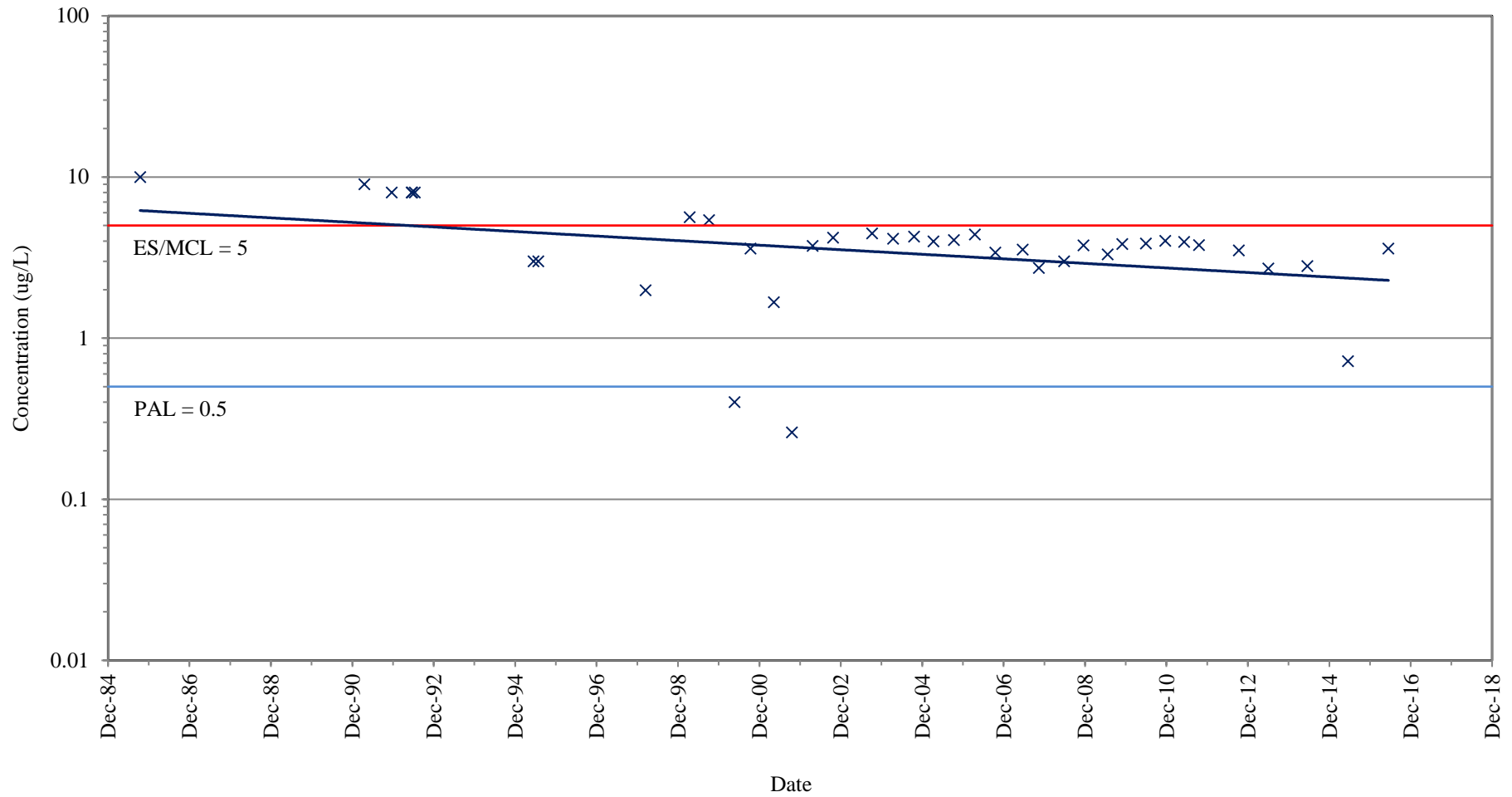
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-16B (GRID COORDINATE G7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
RW-16C (GRID COORDINATE G7)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
City Well 10 (CW-10)								
03/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.10 U
10/01/01	0.2 U	0.15 U	0.6 U	0.15 U	0.7 U	0.15 U, D	(5)	0.1 U
04/01/02	1.4 U	0.15 U	1.4 U	0.15 U	0.7 U	0.15 U	1.2 U	0.1 U
07/01/02	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
10/01/02	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
01/01/03	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
04/01/03	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
07/01/03	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
10/01/03	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
01/04/04	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)
02/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/01/03	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/04/04	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
08/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
11/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
11/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
12/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
01/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
02/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
07/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
10/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
10/09/12	NS	0.072 U	NS	0.16 U	NS	0.15 U	NS	0.11 U
City Well 11 (CW-11)								
05/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.10 U
07/01/01	1.0 U	NIS	0.7 U	NIS	0.6 U	NIS	0.6 U	NIS
10/01/01	0.2 U	0.15 U	0.6 U	0.15 U	0.7 U	0.15 U	(5)	0.1 U
04/01/02	1.4 U	0.15 U	1.4 U	0.15 U	0.7 U	0.15 U	1.2 U	0.1 U
07/01/02	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
10/01/02	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
01/01/03	(6)	0.1 U	(6)	0.1 U	(6)	0.1 U	(6)	0.2 U
04/01/03	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	0.2 U
07/01/03	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	0.2 U
10/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
01/04/04	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)
02/04/04	0.5 U	0.1 U	0.7 U	0.1 U	1.0 U	0.1 U	0.7 U	0.2 U
04/01/03	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/04/04	1.4 U	0.15 U	1.4 U	0.1 U	0.7 U	0.2 U	1.2 U	0.2 U
08/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/04/04	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
11/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
02/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
08/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
11/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
03/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
08/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
12/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
01/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
02/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/07/07	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
04/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
06/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.2 U	0.7 U	0.2 U
07/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.2 U	0.7 U	0.2 U
10/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.2 U	0.7 U	0.2 U
12/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/08/08	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.40 U
05/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
07/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
10/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
12/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
01/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/09/09	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.40 U
04/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
11/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.96 J
04/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/01/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
11/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
04/21/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
05/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
10/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
11/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/19/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/12/12	0.5 U	0.40 U	0.8 U	0.30 U	1.0 U	0.50 U	0.8 U	0.40 U
04/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.6 U	0.11 U
07/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
08/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
11/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
12/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.13 U
12/04/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U
01/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.31 U	0.13 U
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
City Well 15 (CW-15)								
03/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.441
05/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.189	0.6 U	0.434
07/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.168 J	0.6 U	0.477
10/01/01	0.2 U	0.367	0.6 U	0.15 U	0.7 U	0.15 U	(5)	0.333
04/01/02	1.4 U	0.15 U	1.4 U	0.15 U	0.7 U	0.15 U	1.2 U	0.308
07/01/02	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
10/01/02	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.307 J
01/01/03	(6)	0.1 U	(6)	0.1 U	(6)	0.1 U	(6)	0.365
04/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.328 J

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
07/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
10/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.39 J
01/04/04	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)
02/04/04	0.5 U	0.1 U	0.7 U	0.1 U	1.0 U	0.1 U	0.7 U	0.282 J
04/01/03	0.5 U	0.1 U	0.7 U	0.1 U	1.0 U	0.1 U	0.7 U	0.283 J
05/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/04/04	1.4 U	0.15 U	1.4 U	0.1 U	0.7 U	0.2 U	1.2 U	0.344 J
08/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/04/04	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.296 J
11/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.288 J
02/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.282 J
05/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.558 J
08/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
11/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
03/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.54 J
05/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.59 J
08/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
12/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
01/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
02/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/07/07	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.9	0.30 J
04/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.34 J
07/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.38 J
10/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.2 U	0.7 U	0.2 U
12/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/08/08	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.40 U
05/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
06/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
07/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
10/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
12/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
01/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/09/09	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.40 U
04/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
10/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
11/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
04/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/01/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
11/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	2.68
04/21/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
05/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.45 J
11/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/19/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/12/12	0.5 U	0.40 U	0.8 U	0.30 U	1.0 U	0.50 U	0.8 U	0.40 U
04/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
05/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.6 U	0.11 U
07/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
08/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
10/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.31 J
11/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
12/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.14 J
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.20 J
11/13/13	NS	(6)	NS	(6)	NS	(6)	NS	(6)
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U
01/14/14	0.19 U	(6)	0.21 U	(6)	0.49	(6)	0.20 U	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.3	0.14 J
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.21 J
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.11 J
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.15 J
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.30 J
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.15 J
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.19 J
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.19 J
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.18 J
City Well 16 (CW-16)								
03/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.10 U
05/01/01	Not in service							
07/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.1 U
10/01/01	0.2 U	0.15 U	0.6 U	0.15 U	0.7 U	0.15 U	(5)	0.1 U
04/01/02	1.4 U	0.15 U	1.4 U	0.15 U	0.7 U	0.15 U	1.2 U	0.1 U
07/01/02	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
10/01/02	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
01/01/03	(6)	0.1 U	(6)	0.1 U	(6)	0.1 U	(6)	0.2 U
04/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
07/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
10/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
01/04/04	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)
02/04/04	0.5 U	0.1 U	0.7 U	0.1 U	1.0 U	0.1 U	0.7 U	0.2 U
04/01/03	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/04/04	1.4 U	0.15 U	1.4 U	0.1 U	0.7 U	0.2 U	1.2 U	0.2 U
08/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
10/04/04	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
11/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
02/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
08/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
11/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
03/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.20 U	0.7 U	0.20 U
08/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
10/06/06	NS	0.15 U	NS	0.10 U	NS	0.20 U	NS	0.20 U
11/06/06	0.5 U	0.15 U	0.7 U	0.10 U	0.8 U	0.20 U	0.7 U	0.20 U
12/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
01/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
02/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/07/07	0.5 U	0.15 U	0.7 U	0.10 U	1.0 U	0.20 U	0.7 U	0.20 U
04/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.20 U
07/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.20 U
10/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.20 U
12/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/08/08	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.40 U
05/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
07/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
10/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
12/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
01/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
02/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/09/09	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.37 J	0.7 U	1.32
04/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
10/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
11/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
04/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/01/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	1.2	0.40 U
11/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
04/21/11	0.5 U	NS	0.7 U	NS	1.0 U	NS	0.7 U	NS
05/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
11/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/19/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/12/12	0.5 U	0.40 U	0.8 U	0.30 U	1.0 U	0.50 U	0.8 U	0.40 U
04/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
05/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.6 U	0.11 U
07/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
08/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/12/12	0.5 U	NS	0.8 U	NS	1.0 U	NS	0.8 U	NS
11/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
12/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25U	0.8 U	0.25U	1.0 U	0.25U	0.8 U	0.13U
11/13/13	NS	(6)	NS	(6)	NS	(6)	NS	(6)
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U
01/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.31 U	0.13 U
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.35 J
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
City Well 17 (CW-17)								
03/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.10 U
05/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.10 U
07/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.10 U
10/01/01	0.2 U	0.15 U	0.6 U	0.15 U	0.7 U	0.15 U	(5)	0.1 U
04/01/02	1.4 U	0.15 U	1.4 U	0.15 U	0.7 U	0.15 U	1.2 U	0.1 U
07/01/02	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
10/01/02	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
01/01/03	(6)	0.1 U	(6)	0.1 U	(6)	0.1 U	(6)	0.2 U
04/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
07/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
10/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
01/04/04	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)
02/04/04	0.5 U	0.1 U	0.7 U	0.1 U	1.0 U	0.1 U	0.7 U	0.2 U
04/01/03	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/04/04	1.4 U	0.15 U	1.4 U	0.1 U	0.7 U	0.2 U	1.2 U	0.2 U
08/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/04/04	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
11/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
02/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
06/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
08/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
11/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
03/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
08/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
10/06/06	NS	0.15 U	NS	0.10 U	NS	0.20 U	NS	0.2 U
11/06/06	0.5 U	0.15 U	0.7 U	0.10 U	0.8 U	0.20 U	0.7 U	0.2 U
12/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
01/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
02/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/07/07	0.5 U	0.15 U	0.7 U	0.10 U	1.0 U	0.20 U	0.7 U	0.2 U
04/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.2 U
07/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.2 U
10/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.2 U
12/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/08/08	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.40 U
05/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
07/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
10/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
12/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
01/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/09/09	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.40 U
04/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
10/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
11/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
04/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/01/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
11/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	4.79
04/21/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
05/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
11/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/19/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/12/12	0.5 U	0.40 U	0.8 U	0.30 U	1.0 U	0.50 U	0.8 U	0.40 U
04/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
05/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.6 U	0.11 U
07/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
08/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
11/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
12/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.13 U
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U
01/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.31 U	0.13 U
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
City Well 19 (CW-19)								
03/01/01	1.0 U	0.9	0.7 U	0.15 U	1.9	2.21	2.8	3.3
05/01/01	1.0 U	0.877	0.7 U	0.15 U	1	2.31	1.2	3.37
07/01/01	1.0 U	0.843	0.7 U	0.15 U	0.6 U	2.31	3.3	3.06
10/01/01	0.2 U	0.682	0.6 U	0.15 U	1	1.74 D	(5)	2.59
04/01/02	2.1	0.971	1.4 U	0.15 U	3.6	2	3.1	3.59
07/01/02	1.4 U	(6)	1.4 U	(6)	2.4	(6)	1.2 U	(6)
10/01/02	1.4 U	0.78	1.4 U	0.1 U	2	1.61	1.4	2.87
01/03	(6)	0.872	(6)	0.13	(6)	1.79	(6)	3.08
04/03	1.4 U	0.795	1.4 U	0.13 J	1.4	1.86	1.7	3.26
07/03	1.4 U	0.818	1.4 U	0.1 U	1.4	1.79	1.5	2.49
10/01/03	1.4 U	0.695	1.4 U	0.1 U	1.7	1.51	2.2	2.64
01/04/04	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)	2.9	(6)
02/04/04	0.5 U	0.674	0.7 U	0.13 J	1.4	1.38	2.5	2.73
04/04	0.5 U	0.591	0.7 U	0.1 U	1.0 U	1.40	2.1	2.74
05/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.7	(6)
06/04/04	0.5	(6)	0.7 U	(6)	0.9	(6)	2.0	(6)
07/04/04	1.4 U	0.683	1.4 U	0.105 J	1.1	1.57	2.5	3.45
08/04/04	0.7	(6)	0.7 U	(6)	1.7	(6)	3.3	(6)
09/04/04	0.6	(6)	0.7 U	(6)	1.2	(6)	2.6	(6)
10/04/04	0.5	0.539	0.7 U	0.1 U	1.1	1.15	2.3	2.53
11/04/04	0.5 U	(6)	0.7 U	(6)	1.2	(6)	2.3	(6)
12/04/04	0.5	(6)	0.7 U	(6)	1.0	(6)	2.5	(6)
01/05/05	0.6	0.456 J	0.7 U	0.1 U	1.5	1.08	3.6	2.51
02/05/05	0.5 U	(6)	0.7 U	(6)	1.4	(6)	3.2	(6)
03/05/05	0.9	(6)	0.7 U	(6)	2.0	(6)	3.7	(6)
04/05/05	0.5 U	0.43 J	0.7 U	0.105 J	1.0	1.06	2.3	2.47
05/05/05	0.5 U	(6)	0.7 U	(6)	0.9	(6)	2.1	(6)
06/05/05	0.5	(6)	0.7 U	(6)	0.9	(6)	2.2	(6)
07/05/05	0.5	0.543	0.7 U	0.165	1.0	1.18	2.5	2.85
08/05/05	0.5 U	(6)	0.7 U	(6)	1.0	(6)	2.3	(6)
09/05/05	0.6	(6)	0.7 U	(6)	1.2	(6)	2.9	(6)
10/05/05	0.5 U	0.717	0.7 U	0.165 J	1.1	1.57	2.4	3.31
11/05/05	0.5	(6)	0.7 U	(6)	1.0	(6)	2.4	(6)
12/05/05	0.5	(6)	0.7 U	(6)	1.0	(6)	2.4	(6)
01/03/06	0.5	(6)	0.7 U	(6)	1.0	(6)	2.6	(6)
01/18/06	0.8	0.813	0.7 U	0.114 J	1.6	1.60	2.8	2.78

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
03/06/06	0.6	(6)	0.7 U	(6)	1.4	(6)	3.0	(6)
04/06/06	0.7	0.194 J	0.7 U	0.1 U	1.4	0.809	3.8	2.11
05/06/06	0.5 U	(6)	0.7 U	(6)	0.9	(6)	2.1	(6)
06/06/06	0.5 U	(6)	0.7 U	(6)	1.8	(6)	4.9	(6)
07/06/06	0.5 U	0.33 J	0.7 U	0.1 U	1.8	0.94	2.1	2.33
08/06/06	0.5 U	(6)	0.7 U	(6)	1.0	(6)	2.5	(6)
09/06/06	0.5 U	(6)	0.7 U	(6)	1.0	(6)	2.8	(6)
10/06/06	0.5 U	(6)	0.7 U	(6)	1.0	(6)	2.7	(6)
12/06/06	0.6	(6)	0.7 U	(6)	1.4	(6)	2.8	(6)
01/07/07	0.5 U	(6)	0.7 U	(6)	1.0	(6)	3.0	(6)
02/07/07	0.5 U	(6)	0.7 U	(6)	1.0	(6)	3.2	(6)
03/07/07	0.6	0.20 J	0.7 U	0.1 U	1.1	0.55 J	3.5	1.96
04/07/07	0.5 U	(6)	0.7 U	(6)	0.9	(6)	2.8	(6)
05/07/07	0.5 U	(6)	0.7 U	(6)	0.9	(6)	1.7	(6)
06/07/07	0.5 U	0.28 J	0.7 U	0.30 U	0.8 U	0.20 U	2.0	2.23
07/07/07	0.5 U	(6)	0.7 U	(6)	0.9	(6)	2.4	(6)
08/07/07	0.5 U	(6)	0.7 U	(6)	1.0	(6)	2.6	(6)
09/07/07	0.5 U	0.32 J	0.7 U	0.30 U	0.9	0.76	2.9	2.35
10/07/07	0.5 U	(6)	0.7 U	(6)	0.8	(6)	2.6	(6)
11/07/07	0.5 U	0.32 J	0.7 U	0.30 U	1.0 U	0.81	2.0	2.40
12/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.8	(6)
01/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.0	(6)
02/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.0	(6)
03/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.0	(6)
04/08/08	0.5 U	0.27 J	0.7 U	0.30 U	1.0 U	0.58 J	1.8	1.98
05/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	1.9	(6)
06/08/08	0.5 U	0.42 J	0.7 U	0.30 U	0.8 U	0.97	0.7 U	2.03
07/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	2.1	(6)
08/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.5	(6)
09/08/08	0.5 U	0.24 J	0.7 U	0.30 U	0.8 U	0.67	0.9	2.16
10/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	1.6	(6)
11/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	1.8	(6)
12/08/08	0.5 U	0.34 J	0.7 U	0.30 U	0.8 U	0.83	2.0	2.64
01/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	1.8	(6)
02/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.5	(6)
03/09/09	0.6	0.26 J	0.7 U	0.30 U	1.0 U	0.66 J	2.1	2.58
04/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.1	(6)
05/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	1.8	(6)
06/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	1.6	(6)
08/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.7	(6)
09/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.77 J	2.4	2.68
10/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	1.8	(6)
11/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.0	(6)
12/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.71 J	2.0	2.36
01/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	1.9	(6)
02/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.3	(6)
03/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 J	2.6	2.09
04/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.1	(6)
05/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.8	(6)
06/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.51 J	2.0	2.21
07/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.0	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
08/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.6	(6)
09/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.2	(6)
10/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	2.0	2.08
11/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.0	(6)
12/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.57 J	1.9	2.49
01/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	1.9	(6)
02/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	1.8	(6)
03/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	1.7	4.70
04/21/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	2.1	2.07
05/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.1	(6)
06/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.55 J	1.7	2.01
07/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	1.4	(6)
08/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	1.9	(6)
09/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	2.2	(6)
10/11/11	0.5 U	(8)	0.7 U	(8)	1.0 U	(8)	2.4	(8)
11/11/11	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
12/19/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.59 J	2.2	2.48
01/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	2.8	(6)
02/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	2.8	(6)
03/12/12	0.5 U	0.40 U	0.8 U	0.30 U	1.0 U	0.64 J	2.8	2.66
04/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	2.2	(6)
04/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	1.9	(6)
06/12/12	0.5 U	0.099 J	0.8 U	0.16 U	1.0 U	0.38 J	2.0	2.3
07/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	1.8	(6)
08/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	1.8	(6)
09/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	2.0	(6)
10/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.44 J	1.8	2.3
11/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	2.0	(6)
12/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.57	1.6	2.0
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0	(6)	2.0	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0	(6)	1.8	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0	(6)	1.9	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0	0.29 J	1.7	2.0
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	1.5	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	1.9	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	1.6	1.9
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	1.8	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	1.8	(6)
10/01/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.32 J	1.9	2.0
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	1.5	1.6
01/14/14	0.35	(6)	0.27	(6)	0.48	(6)	2.0	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.5	(6)	2.1	(6)
03/14/14	0.24 U	(6)	0.2	(6)	0.4	(6)	2.0	(6)
04/14/14	0.24 U	0.25 U	0.2	0.25 U	0.16 U	0.25 U	2.1	2.0
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.31 J	(10)	1.9
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.22 J	(10)	1.5
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	2.2
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.18 J	(10)	1.6
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.29 J	(10)	2.0
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.39 J	(10)	2.4
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.44 J	(10)	1.7

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.44 J	(10)	1.8
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.22 J	(10)	1.9
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	2.0
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.27 J	(10)	2.1
Commingled untreated raw water prior to air stripping ⁽¹⁾								
03/01/01	1.0 U	0.225 J	0.7 U	0.15 U	0.6	0.659	0.8	1.06
05/01/01	1.0 U	0.265 J	0.7 U	0.15 U	0.6 U	0.761	0.6 U	1.04
07/01/01	1.0 U	0.183	0.7 U	0.15 U	0.6 U	0.574	0.6 U	0.848
10/01/01	0.2 U	0.15 U	0.6 U	0.15 U	0.7 U	0.434 J	(5)	0.721
04/01/02	1.4 U	0.243	1.4 U	0.15 U	1.9	0.603	1.2 U	1.09
07/01/02	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
10/01/02	1.4 U	0.171 J	1.4 U	0.1 U	0.9	0.406	1.2 U	0.739
01/01/03	(6)	0.246	(6)	0.1 U	(6)	0.533	(6)	1.01
04/01/03	1.4 U	0.204 J	1.4 U	0.1 U	0.7 U	0.452	1.2 U	0.952
07/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
10/01/03	1.4 U	0.197 J	1.4 U	0.1 U	0.7 U	0.459	1.2 U	0.883
01/04/04	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)	2.6	(6)
02/04/04	0.5 U	0.168 J	0.7 U	0.1 U	1.0 U	0.447	0.7 U	0.685
04/04/04	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.419 J	0.7 U	0.638 J
05/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/04/04	1.4 U	0.15 U	1.4 U	0.1 U	0.7 U	0.298 J	1.2 U	0.757
08/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.9	(6)
09/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/04/04	0.5 U	0.15 J	0.7 U	0.1 U	1.0 U	0.347 J	0.7 U	0.852
11/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.276 J	0.7 U	0.689
02/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.251 J	0.7 U	0.729
05/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/05/05	0.5 U	0.75 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
08/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/05/05	0.5 U	0.172 J	0.7 U	0.1 U	1.0 U	0.41 J	0.7 U	0.877
11/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
03/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	1.2	(6)
04/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.799
05/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
08/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
10/06/06	0.5 U	0.15 U	0.7 U	0.10 U	0.8 U	0.20 U	0.7 U	0.20 U
11/06/06	0.5 U	0.15 U	0.7 U	0.10 U	0.8 U	0.20 U	0.7 U	0.20 U
12/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
01/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
02/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/07/07	0.5 U	0.15 U	0.7 U	0.10 U	1.0 U	0.21 J	0.7 U	0.73
04/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.57 J
07/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.27 J	0.7 U	0.81
10/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.24 J	0.7 U	0.74
12/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/08/08	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.61 J
05/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
07/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.26 J	0.7 U	0.88 J
10/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
12/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.34 J	0.7 U	0.98 J
01/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/09/09	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.26 J	0.7 U	0.97 J
04/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.90 J
10/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
11/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.85 J
01/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.75 J
04/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.74 J
07/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/01/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.60 J
11/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	3.60
04/21/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.77 J

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
05/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.59 J
07/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
11/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/19/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/12/12	0.5 U	0.40 U	0.8 U	0.30 U	1.0 U	0.50 U	0.8 U	0.40 U
04/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
05/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.6 U	0.79
07/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8	(6)
08/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	1.2	(6)
09/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.69
11/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
12/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.9	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.72
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.65
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.68
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.5	0.58
01/14/14	0.19 U	(6)	0.21 U	(6)	0.31	(6)	0.91	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.31	(6)	1.1	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.7	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.9	0.56
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.58
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.44 J
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.61
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.62
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.60
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.97
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.30 J	(10)	0.55
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.7
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.77
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.94
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.6
Tower A (North) - discharge from air stripper ⁽²⁾								
03/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.10 U
05/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.10 U
07/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.103

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
10/01/01	0.2 U	0.15 U	0.6 U	0.15 U	0.7 U	0.15 U, D	(5)	0.1 U
04/01/02	1.4 U	0.15 U	1.4 U	0.15 U	0.7 U	0.15 U	1.2 U	0.1 U
07/01/02	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
10/01/02	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
01/01/03	(6)	0.1 U	(6)	0.1 U	(6)	0.1 U	(6)	0.2 U
04/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
07/01/03	1.4 U	0.205	1.4 U	0.1 U	0.7 U	0.513	1.2 U	0.776
10/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
01/04/04	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)
02/04/04	0.5 U	0.1 U	0.7 U	0.1 U	1.0 U	0.1 U	0.7 U	0.2 U
04/01/03	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/04/04	1.4 U	0.15 U	1.4 U	0.1 U	0.7 U	0.2 U	1.2 U	0.2 U
08/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/04/04	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
11/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
02/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.249 J
08/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
11/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
03/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.257 J
05/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.60 J
08/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
10/06/06	0.5 U	0.15 U	0.7 U	0.10 U	0.8 U	0.20 U	0.7 U	0.20 U
11/06/06	0.5 U	0.15 U	0.7 U	0.10 U	0.8 U	0.20 U	0.7 U	0.20 U
12/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
01/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
02/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/07/07	0.5 U	0.15 U	0.7 U	0.10 U	1.0 U	0.20 U	0.7 U	0.20 U
04/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.20 U
07/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.20 U

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
10/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.20 U
12/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/08/08	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.40 U
05/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
07/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
10/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
12/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
01/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/09/09	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.40 U
04/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
10/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
11/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
04/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/01/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
11/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	2.22
04/21/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
05/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
11/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/19/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
02/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/12/12	0.5 U	0.40 U	0.8 U	0.30 U	1.0 U	0.50 U	0.8 U	0.98 J
04/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
05/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.6 U	0.11 U
07/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
08/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
11/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
12/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
01/13/13	0.5 U	(6)	0.8 U	(6)	NS	(6)	0.9	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.13 U
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U
01/14/14	0.19 U	(6)	0.21 U	(6)	0.31	(6)	0.52	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.31 U	0.13 U
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 J
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
Tower B (South) - discharge from air stripper ⁽³⁾								
03/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.10 U
05/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.10 U
07/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.1 U
10/01/01	0.2 U	0.15 U	0.6 U	0.15 U	0.7 U	0.15 U, D	(5)	0.1 U
04/01/02	1.4 U	0.15 U	1.4 U	0.15 U	0.7 U	0.15 U	1.2 U	0.1 U
07/01/02	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
10/01/02	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
01/01/03	(6)	0.1 U	(6)	0.1 U	(6)	0.1 U	(6)	0.2 U
04/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
07/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
10/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
01/04/04	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
02/04/04	0.5 U	0.1 U	0.7 U	0.1 U	1.0 U	0.1 U	0.7 U	0.2 U
04/01/03	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/04/04	1.4 U	0.15 U	1.4 U	0.1 U	0.7 U	0.2 U	1.2 U	0.2 U
08/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/04/04	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
11/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
02/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/05/05	0.5 U	0.18 J	0.7 U	0.1 U	1.0 U	0.273 J	0.7 U	0.873
08/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
11/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
03/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.791
05/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
08/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
10/06/06	0.5 U	0.15 U	0.7 U	0.10 U	0.8 U	0.20 U	0.7 U	0.20 U
11/06/06	0.5 U	0.15 U	0.7 U	0.10 U	0.8 U	0.20 U	0.7 U	0.20 U
12/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
01/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
02/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/07/07	0.5 U	0.15 U	0.7 U	0.10 U	1.0 U	0.20 U	0.7 U	0.20 U
04/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.20 U
07/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.20 U
10/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/07/07	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)
12/07/07	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)
01/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/08/08	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.40 U
05/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
07/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
10/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
12/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
01/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/09/09	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.40 U
04/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
10/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
11/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
04/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/01/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
11/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/11/11	0.5 U	NS	0.7 U	NS	1.0 U	NS	0.7 U	NS
04/21/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
05/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
11/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/19/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/12/12	0.5 U	0.40 U	0.8 U	0.30 U	1.0 U	0.50 U	0.8 U	0.40 U
04/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
05/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.6 U	0.11 U
07/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
08/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
11/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
12/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.13 U
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U
01/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.31 U	0.13 U
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.094 J
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
03/25/15	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
Commingled treated water after chlorination (finished product) ⁽⁴⁾								
03/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.10 U
05/01/01	1.0 U	0.15 U	0.7 U	0.232 J	0.6 U	0.15 U	0.6 U	0.10 U
07/01/01	1.0 U	0.15 U	0.7 U	0.15 U	0.6 U	0.15 U	0.6 U	0.1 U
10/01/01	0.2 U	0.15 U	0.6 U	0.15 U	0.7 U	0.15 U	(5)	0.1 U
04/01/02	1.4 U	0.15 U	1.4 U	0.15 U	0.7 U	0.15 U	1.2 U	0.1 U
07/01/02	1.4 U	(6)	1.4 U	(6)	0.7 U	(6)	1.2 U	(6)
10/01/02	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
01/01/03	(6)	0.1 U	(6)	0.1 U	(6)	0.1 U	(6)	0.2 U
04/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
07/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
10/01/03	1.4 U	0.1 U	1.4 U	0.1 U	0.7 U	0.1 U	1.2 U	0.2 U
01/04/04	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)	1.0 U	(6)
02/04/04	0.5 U	0.1 U	0.7 U	0.1 U	1.0 U	0.1 U	0.7 U	0.2 U
04/01/03	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/04/04	1.4 U	0.15 U	1.4 U	0.1 U	0.7 U	0.2 U	1.2 U	0.2 U
08/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/04/04	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
11/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
12/04/04	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
02/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
08/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/05/05	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
11/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/05/05	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
01/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
03/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.2 U
05/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/06/06	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
07/06/06	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.2 U	0.7 U	0.39 J
08/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
10/06/06	0.5 U	0.15 U	0.7 U	0.1 U	0.8 U	0.20 U	0.7 U	0.20 U
11/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
12/06/06	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
01/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.5 U	(6)
02/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.5 U	(6)
03/07/07	0.5 U	0.15 U	0.7 U	0.1 U	1.0 U	0.20 U	0.7 U	0.20 U
04/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/07/07	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.20 U
07/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/07/07	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.20 U
10/07/07	0.5 U	NS	0.7 U	NS	0.8 U	NS	0.7 U	NS
11/07/07	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.20 U
12/07/07	0.5 U	NS	0.7 U	NS	1.0 U	NS	0.7 U	NS
01/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
04/08/08	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.40 U
05/08/08	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	(6)
07/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
08/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
09/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
10/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
11/08/08	0.5 U	(6)	0.7 U	(6)	0.8 U	(6)	0.7 U	(6)
12/08/08	0.5 U	0.20 U	0.7 U	0.30 U	0.8 U	0.20 U	0.7 U	0.40 U
01/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/09/09	0.5 U	0.20 U	0.7 U	0.30 U	1.0 U	0.20 U	0.7 U	0.40 U

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
04/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
10/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
11/09/09	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/09/09	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
04/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
05/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/01/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
11/10/10	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/10/10	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
02/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
03/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	2.14
04/21/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
05/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
06/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
07/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
08/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
09/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
10/11/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
11/11/11	0.5 U	(6)	0.7 U	(6)	1.0 U	(6)	0.7 U	(6)
12/19/11	0.5 U	0.40 U	0.7 U	0.30 U	1.0 U	0.50 U	0.7 U	0.40 U
01/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/12/12	0.5 U	0.40 U	0.8 U	0.30 U	1.0 U	0.50 U	0.8 U	0.40 U
04/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
05/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.6 U	0.11 U
07/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
08/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.6 U	0.11 U
11/12/12	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
12/12/12	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
01/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
02/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
03/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
04/13/13	0.5 U	0.072 U	0.8 U	0.16 U	1.0 U	0.15 U	0.8 U	0.11 U
05/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
06/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.6 U	(6)
07/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.12 U

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

Date	City	GF	City	GF	City	GF	City	GF
NPI VOC	1,1-DCA		PCE		1,1,1-TCA		TCE	
MCL/ES/PAL	None/850/85		5/5/0.5		200/200/40		5/5/0.5	
08/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
09/13/13	0.5 U	(6)	0.8 U	(6)	1.0 U	(6)	0.8 U	(6)
10/13/13	0.5 U	0.25 U	0.8 U	0.25 U	1.0 U	0.25 U	0.8 U	0.13 U
12/13/13	0.19 U	0.25 U	0.21 U	0.25 U	0.13 U	0.25 U	0.20 U	0.13 U
01/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.41	(6)
02/14/14	0.19 U	(6)	0.21 U	(6)	0.13 U	(6)	0.20 U	(6)
03/14/14	0.24 U	(6)	0.11 U	(6)	0.16 U	(6)	0.31 U	(6)
04/14/14	0.24 U	0.25 U	0.11 U	0.25 U	0.16 U	0.25 U	0.31 U	0.13 U
06/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
09/14/14	(10)	0.077 U	(10)	0.099 U	(10)	0.17 U	(10)	0.084 U
12/14/14	(10)	0.087 U	(10)	0.12 U	(10)	0.17 U	(10)	0.084 U
06/17/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
09/23/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
12/09/15	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
03/22/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
06/15/16	(10)	0.19 U	(10)	0.15 U	(10)	0.20 U	(10)	0.14 U
08/30/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U
12/07/16	(10)	0.088 U	(10)	0.12 U	(10)	0.10 U	(10)	0.044 U

TABLE 6

NPI VOC ANALYTICAL RESULTS FROM THE EAU CLAIRE MUNICIPAL WELL FIELD

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g}/\ell$)/parts per billion (ppb).

Samples collected jointly by Gannett Fleming (GF) field staff and a City of Eau Claire Water Department representative.

GF samples analyzed by U.S. Filter using EPA Method 524.2 (Safe Drinking Water Act required method), and city samples analyzed in-house using EPA Method 8260.

Detected concentrations at or above an NR 140 PAL are in red font and italicized.

There are no results at or above an MCL/NR 140 ES.

D = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

J = Estimated concentration below laboratory quantitation level.

MCL = Maximum contaminant level is the federal established health-based maximum permissible level of a contaminant in water that is delivered to any user of a public water supply system.

NIS = Not in service at time of split sampling with city.

NS = Not sampled.

U = Compound not detected at or above this value, which is the detection limit.

FOOTNOTES:

(1) Sample collected from spigot on inlet line to Air Stripper Towers A and B. Well water routed through the air stripper included CW-11/15/16/17/19 prior to 04/25/17 and CW-17/19/22/23 after 04/25/17.

(2) Sample collected from spigot on Tower A discharge line.

(3) Sample collected from spigot on Tower B discharge line.

(4) Distribution system sample collected from drinking fountain or breakroom sink in the water treatment plant (WTP) prior to 08/29/17. Starting on 08/29/17, sample collected from exit port in basement of WTP.

(5) Lab error, results not recorded.

(6) Sample not collected.

(7) Not sampled because sample port was rusted shut.

(8) Shut down for repairs during October 2011 sampling round.

(9) Shut down for repairs.

(10) The City of Eau Claire stopped collecting samples as of May 7, 2014.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 7A

SUMMARY OF DISSOLVED CADMIUM ANALYTICAL RESULTS FOR NPI MONITORING WELLS

Well ID	Plume	Grid ID	FN	Sample Date	Concentration (µg/ℓ)	RQ	Comment
EC-1	1/2	C7		03/25/15	0.60	U	
MW-1	3/4	M8	1	01/13/88	5.0	U	
				10/03/88	5.0	U	
MW-2B	3/4	M7	1,2	01/18/88	5.0	U	MW-2A screened interval was 45-55 ft bgs
MW-3A	3/4	L7	1,2,3	01/19/88	5.0	U	
MW-3C	3/4	L7	1,2,3	01/19/88	5.0	U	
MW-4A	1/2	K7	1				See Table 7B for analytical data
MW-4B	1/2	K7					"
MW-5A	3/4	L6	1	01/20/88	5.0	U	
				10/12/88	5.0	U	
				04/25/91	5.0	U	
				12/10/91	5.0	U	
MW-5B	3/4	L6	1	01/20/88	5.0	U	
				10/11/88	5.0	U	
				04/25/91	3.0	U	
				12/10/91	3.0	U	
MW-6	3/4	L6	1	01/15/88	5.0	U	
				10/03/88	5.0	U	
				04/25/91	5.0	U	
MW-7	5	M6	1,3	01/15/88	5.0	U	
				10/03/88	5.0	U	
MW-8	5	M6	1	10/04/88	5.0	U	
MW-9A	3/4	L6	1	10/11/88	5.0	U	
MW-9B	3/4	L6	1,3	10/07/88	5.0	U	
MW-10A	1/2	K8					See Table 7B for analytical data
MW-10B	1/2	K8	3				"
MW-11A	1/2	K7		01/15/88	5.0	U	
				10/04/88	5.0	U	
				04/18/91	3.0	U	
				03/04/93	0.53		
				05/08/01	1.64		
				10/16/01	0.33		
				04/22/02	0.2	U	
				10/23/02	0.2	U	
				10/07/03	0.2	U	
				07/05/05	0.2	U	
				09/08/08	0.5	J	
				10/10/10	0.2	U	
MW-11B	1/2	K7	2,3	01/15/88	5.0	U	
				10/04/88	5.0	U	
				04/18/91	3.0	U	
				03/04/93	0.53		

TABLE 7A

SUMMARY OF DISSOLVED CADMIUM ANALYTICAL RESULTS FOR NPI MONITORING WELLS

Well ID	Plume	Grid ID	FN	Sample Date	Concentration ($\mu\text{g}/\ell$)	RQ	Comment
				10/11/00	0.2	U	
				05/08/01	0.2	U	
				10/16/01	0.2	U	
				04/22/02	0.2	U	
				10/23/02	0.2	U	
MW-12A	1/2	L7	3	01/16/88	5.0	U	
				10/04/88	5.0	U	
MW-12B	1/2	L7	2,3	01/16/88	5.0	U	
				10/04/88	5.0	U	
MW-13A	3/4	L7		01/18/88	5.0	U	
				10/04/88	5.0	U	
MW-13B	3/4	L7	2,3	01/18/88	5.0	U	
				10/04/88	5.0	U	
MW-14 (nka EW-1R)	3/4	L6		10/07/88	5.0	U	
MW-15 (nka EW-2)	3/4	L6		10/07/88	5.0	U	
MW-16A	3/4	M7	2,3	01/19/88	5.0	U	
				10/05/88	5.0	U	
MW-16B	3/4	M7	2,3	01/19/88	5.8		
				10/05/88	5.0	U	
MW-17B	5	N7	2,3	01/14/88	5.0	U	
				10/10/88	5.0	U	
				04/26/91	3.0	U	
MW-17C	5	N7	2,3	10/10/88	5.0	U	
				04/26/91	3.0	U	
MW-18	3/4	M7	3	10/10/88	5.0	U	
MW-19	5	N6	2,3	10/05/88	5.0	U	
				04/26/91	3.0	U	
MW-20A	3/4	K6	2	10/05/88	5.0	U	
				04/25/91	3.0	U	
MW-20B	3/4	K6	2	10/05/88	5.0	U	
				04/25/91	3.0	U	
MW-21A	3/4	K7	2	10/06/88	5.0	U	
MW-21B	3/4	K7	2	10/06/88	5.0	U	
MW-22A	3/4	K6		10/06/88	5.0	U	
MW-22B	3/4	K6		10/06/88	5.0	U	
MW-23A	1/2	J7		10/04/88	5.0	U	
				04/18/91	3.0	U	
				03/25/15	0.60	U	
MW-23B	1/2	J7		10/04/88	5.0	U	
				04/18/91	3.0	U	
				03/25/15	0.60	U	
MW-24A	3/4	M7	2,3	10/10/88	6.5		
MW-24B	3/4	M7	2,3	10/10/88	5.0	U	
MW-25	3/4	M8	2,3	10/12/88	5.0	U	
MW-27A	3/4	L5		05/13/92	3.0	U	

TABLE 7A

SUMMARY OF DISSOLVED CADMIUM ANALYTICAL RESULTS FOR NPI MONITORING WELLS

Well ID	Plume	Grid ID	FN	Sample Date	Concentration ($\mu\text{g}/\ell$)	RQ	Comment
MW-27B	3/4	L5		05/13/92	3.0	U	
MW-29A	3/4&5	L3		05/12/92	3.0	U	
MW-29B	3/4&5	L3		05/12/92	3.0	U	
MW-30A	5	M5	2	05/12/92	3.0	U	
MW-30B	5	M5	2	05/12/92	3.0	U	
MW-32A	3/4	K6	2	04/25/91	3.0	U	
MW-32B	3/4	K6	2	04/25/91	3.0	U	
MW-34A	1/2	K8					See Table 7B for analytical data
MW-34B	1/2	K8	3				"
MW-34C	1/2	K8	3				"
MW-35A	1/2	I7		03/25/15	0.60	U	
MW-35B	1/2	I7		03/25/15	0.60	U	
MW-38A	1/2	I8		04/18/91	3.0	U	
				12/11/91	3.0	U	
MW-38B	1/2	I8		04/18/91	3.0	U	
				12/11/91	3.0	U	
MW-38C	1/2	I8		04/18/91	4.4	J	
				12/11/91	3.0	U	
MW-39A	1/2	J8		04/18/91	3.0	U	
				03/25/15	0.60	U	
MW-39B	1/2	J8	2	04/18/91	3.0	U	
MW-42A	1/2	G7	2	12/17/91	3.0	U	
MW-42B	1/2	G7	2	12/17/91	3.0	U	
MW-43A	1/2	H7		03/24/15	0.60	U	
MW-43B	1/2	H7		03/24/15	0.60	U	
MW-45A	1/2	F6		12/19/91	3.0	U	
				03/24/15	0.60	U	
MW-45B	1/2	F6		12/19/91	3.0	U	
				03/24/15	0.60	U	
MW-45C	1/2	F6		12/19/91	3.0	U	
				03/24/15	0.60	U	
MW-52A	1/2	F6		12/13/91	3.0	U	
				03/24/15	0.60	U	
MW-52B	1/2	F6		12/13/91	3.0	U	
				03/24/15	3.9	J	
MW-54A	1/2	D6		12/12/91	3.0	U	
				03/24/15	0.60	U	
MW-54B	1/2	D6		12/12/91	3.0	U	
				03/24/15	0.60	U	
MW-54C	1/2	D6		12/12/91	3.0	U	
				03/24/15	0.60	U	
MW-67A	1/2	K7	2	03/04/93	3.6		
MW-67B	1/2	K7	2	03/04/93	3.8		
MW-68A	1/2	J7					See Table 7B for analytical data
MW-68B	1/2	J7					"

TABLE 7A

SUMMARY OF DISSOLVED CADMIUM ANALYTICAL RESULTS FOR NPI MONITORING WELLS

Well ID	Plume	Grid ID	FN	Sample Date	Concentration ($\mu\text{g}/\ell$)	RQ	Comment
MW-69A	1/2	J8		03/04/93	0.5	U	
				03/24/15	0.60	U	
MW-69B	1/2	J8		03/04/93	0.5	U	
				03/24/15	0.60	U	
MW-70A	1/2	K8					See Table 7B for analytical data
MW-70B	1/2	K8					"
MW-71A	1/2	K8		03/04/93	0.5	U	
MW-71B	1/2	K8	2,3	03/04/93	0.5	U	
MW-74A	1/2	J8		04/04/13	0.38	U	
				07/01/13	0.38	U	
MW-74B	1/2	J8	3	04/04/13	0.38	U	
				07/01/13	0.38	U	
MW-75	1/2	K8					See Table 7B for analytical data
MW-76A	1/2	K7		04/04/13	0.38	U	
				07/01/13	0.53	J	
MW-76B	1/2	K7		04/04/13	0.38	U	
				07/01/13	0.38	U	
PW-1	1/2	K7	2	07/26/99	0.270	J	
				10/06/99	0.44		
				06/07/00	0.4		
				10/11/00	0.48		
				05/08/01	0.63	J	
				10/16/01	0.21		
				04/22/02	0.597		
				10/23/02	0.2	U	
				07/22/03	0.221		
				04/01/04	0.414		
				07/04/04	0.2	U	
				10/04/04	0.4		
				07/06/06	0.64	J	
				03/07/07	0.66	J	
				09/07/07	0.59	J	
				11/07/07	0.42	J	
				06/08/08	0.73	J	
RW-3A	1/2	C6		03/25/15	0.60	U	
RW-3B	1/2	C6		03/25/15	0.60	U	
RW-3C	1/2	C6		03/25/15	0.60	U	
RW-15	1/2	J7		03/24/15	0.60	U	
RW-16B	1/2	G7		03/25/15	0.60	U	
RW-16C	1/2	G7		03/25/15	0.60	U	

TABLE 7A

SUMMARY OF DISSOLVED CADMIUM ANALYTICAL RESULTS FOR NPI MONITORING WELLS

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g}/\ell$)/parts per billion (ppb).

The PAL for cadmium is $0.5 \mu\text{g}/\ell$: detected concentrations at or above the PAL are in red font and italicized.

The MCL/ES for cadmium is $5.0 \mu\text{g}/\ell$: detected concentrations at or above the MCL/ES are in red font and bold.

Screened intervals are shown in feet below ground surface (ft bgs).

RQ = Results qualifier.

FN = Footnote (see below, as indicated).

Grid ID = Grid coordinates to locate well on 24 x 36 site drawing (see Figure 1).

J = Estimated concentration below laboratory quantitation level.

U = Compound not detected at or above the value shown.

FOOTNOTES:

(1) Pre-remedial investigation monitoring well.

(2) Well has been abandoned.

(3) Denotes a well screened in sandstone bedrock or both bedrock and alluvium (i.e., sand and gravel glacial outwash).

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 7B

SUMMARY OF RESULTS FROM NPI WELLS ROUTINELY SAMPLED FOR DISSOLVED CADMIUM ANALYSIS IN 2016

Date	FN	EW-5	EW-6	MW-4A	MW-4B	MW-10A	MW-10B	MW-34A	MW-34B	MW-34C	MW-68A	MW-68B	MW-70A	MW-70B	MW-75
10/21/87		NS	NS	NS	NS	8	4	NS	NS	NS	NS	NS	NS	NS	NS
Jan-88		NS	NS	5.0 U	NS	31	5.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Oct-88		NS	NS	5.0 U	NS	17.5	5.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Apr-91		NS	NS	3.0 U	3.0 U	29.4	3.0 U	3.0 U	3.0 U	NS	NS	NS	NS	NS	NS
Dec-91		NS	NS	NS	NS	33.4	3.0 U	3.0 U	3.0 U	NS	NS	NS	NS	NS	NS
03/04/93		NS	NS	0.5 U	2.0	36.2	NS	0.96 B	0.76	NS	0.5 U	2.8	0.5 U	0.99 B	NS
10/22/97		NS	NS	NS	NS	26.1	3.2	2	0.789	NS	NS	NS	NS	NS	NS
01/27/98		NS	NS	NS	NS	22.6	4.13	2.28	0.705	NS	NS	NS	NS	NS	NS
04/21/98		NS	NS	NS	NS	40.7	6.26	4.01	1.13	NS	NS	NS	NS	NS	NS
07/29/98		NS	NS	NS	NS	46.2	3.99	2.05	0.84	NS	NS	NS	NS	NS	NS
11/02/98		NS	NS	NS	NS	34.1	5.87	3.76	1.25	NS	NS	NS	NS	NS	NS
01/18/99		NS	NS	NS	NS	0.63	3.34	1.14	25.1	NS	NS	NS	NS	NS	NS
04/12/99		NS	NS	NS	NS	24.6	1.65	2.52	0.9	NS	NS	NS	NS	NS	NS
07/26/99		NS	NS	NS	NS	NS	2.54	2.14	0.82	NS	NS	NS	NS	NS	NS
10/06/99		NS	NS	NS	NS	28.5	3.29	NS	NS	NS	NS	NS	NS	NS	NS
06/07/00		NS	NS	NS	NS	21.7	4.78	NS	NS	NS	NS	NS	NS	NS	NS
10/11/00		NS	NS	NS	NS	27.5	0.38	NS	NS	NS	NS	NS	NS	NS	NS
05/08/01		NS	NS	NS	NS	32.1	0.94	NS	NS	NS	NS	NS	NS	NS	NS
10/16/01		NS	NS	NS	NS	30.1	0.49	NS	NS	NS	NS	NS	NS	NS	NS
04/22/02		NS	NS	NS	NS	30.4	0.451	NS	NS	NS	NS	NS	NS	NS	NS
10/23/02		NS	NS	NS	NS	27.2	0.509	NS	NS	NS	NS	NS	NS	NS	NS
04/09/03		NS	NS	NS	NS	25.7	0.501	2.67	1.2	NS	NS	NS	NS	NS	NS
07/22/03		NS	NS	NS	NS	30.2	NS	NS	1.24	NS	NS	NS	NS	NS	NS
10/07/03		NS	NS	NS	NS	27.1	1.07	4.66	1.22	NS	NS	NS	NS	NS	NS
Feb-04		NS	NS	NS	NS	26.2	NS	NS	NS	NS	NS	NS	NS	NS	NS
Apr-04		NS	NS	NS	NS	28.7	1.72	5.80	1.28	NS	NS	NS	NS	NS	NS
07/04/04		NS	NS	NS	NS	26.8	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/04/04		NS	NS	NS	NS	27.8	1.80	4.60	1.20	NS	NS	NS	NS	NS	NS
01/05/05		NS	NS	NS	NS	30.6	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/05/05		NS	NS	NS	NS	28.4	1.70	NS	1.00	NS	NS	NS	NS	NS	NS
07/05/05		NS	NS	NS	NS	27.7	NS	4.7	NS	NS	NS	NS	NS	NS	NS
10/05/05		NS	NS	NS	NS	28.0	2.00	6.1	1.10	NS	NS	NS	NS	NS	NS
01/06/06		NS	NS	NS	NS	NS	NS	8.20	NS	NS	NS	NS	NS	NS	NS
04/06/06		NS	NS	NS	NS	30.4	1.50	8.20	1.10	NS	NS	NS	NS	NS	NS

TABLE 7B

SUMMARY OF RESULTS FROM NPI WELLS ROUTINELY SAMPLED FOR DISSOLVED CADMIUM ANALYSIS IN 2016

Date	FN	EW-5	EW-6	MW-4A	MW-4B	MW-10A	MW-10B	MW-34A	MW-34B	MW-34C	MW-68A	MW-68B	MW-70A	MW-70B	MW-75
07/06/06		NS	NS	NS	NS	29.9	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/06/06		NS	NS	NS	NS	27.7	2.16	NS	1.08 J	NS	NS	NS	NS	NS	NS
03/07/07		NS	NS	NS	NS	27.8	NS	NS	2.08	NS	NS	NS	NS	NS	NS
06/07/07		NS	NS	NS	NS	30.4	2.74	NS	1.66 J	NS	NS	NS	NS	NS	NS
09/07/07		NS	NS	NS	NS	31.3	NS	11.9	NS	NS	NS	NS	NS	NS	NS
11/07/07		NS	NS	NS	NS	25.7	0.66 J	11.9	1.26 J	NS	NS	NS	NS	NS	NS
04/08/08		NS	NS	NS	NS	5.15	NS	14.8	NS	NS	NS	NS	NS	NS	NS
06/08/08		NS	NS	NS	NS	28.7	1.37 J	13.2	1.32 J	NS	NS	NS	NS	NS	NS
09/08/08		NS	NS	NS	NS	26.4	NS	10.9	1.34 J	NS	NS	NS	NS	NS	NS
12/08/08		NS	NS	NS	NS	28.0	1.00 J	11.6	1.28 J	NS	NS	NS	NS	NS	NS
Mar-09		NS	NS	NS	NS	27.0	NS	11.6	1.60 J	NS	NS	NS	NS	NS	NS
07/09/09		NS	NS	NS	NS	30.6	4.53	10.5	1.57 J	NS	NS	NS	NS	NS	NS
09/09/09		NS	NS	NS	NS	26.8	NS	NS	1.87 J	NS	NS	NS	NS	NS	NS
12/09/09		NS	NS	NS	NS	26.9	15.8	NS	1.18 J	NS	NS	NS	NS	NS	NS
Mar-10		NS	NS	NS	NS	28.6	4.81	NS	NS	NS	NS	NS	NS	NS	NS
06/10/10		NS	NS	NS	NS	29.8	18.3	NS	1.62 J	NS	NS	NS	NS	NS	NS
10/10/10		NS	NS	NS	NS	27.5	4.97	17.2	NS	NS	NS	NS	NS	NS	NS
12/21/10		NS	NS	NS	NS	24.1	3.34	1.71 J	1.39 J	NS	NS	NS	NS	NS	NS
03/11/11		NS	NS	NS	NS	24.8	4.37	5.63	NS	NS	NS	NS	0.57 J	2.3	NS
06/08/11	HS	NS	NS	NS	NS	25.4	6.54	9.00	0.31 J	NS	NS	NS	0.62 J	2.42	NS
06/08/11	(1)	NS	NS	NS	NS	20.5	1.82 J	4.96	1.41 J	NS	NS	NS	0.53 J	1.66 J	NS
10/11/11	HS	NS	NS	NS	NS	23.1	4.11	13.3	1.30	NS	NS	NS	13.1	2.19	NS
12/22/11	HS	NS	NS	NS	NS	23.7	2.16	NS	NS	NS	NS	NS	NS	NS	NS
03/12/12	HS	NS	NS	NS	NS	NS	3.19	NS	NS	NS	NS	NS	NS	NS	NS
06/26/12	HS	NS	NS	NS	NS	22.5	NS	11.2	NS	NS	0.33 U	1.7 J	NS	NS	NS
10/10/12	HS	NS	NS	NS	NS	NS	6.5	NS	1.6 J	NS	NS	NS	0.70 J	2.8 J	NS
12/04/12	HS	NS	NS	NS	NS	18.6	NS	NS	1.1 J	NS	0.33 U	2.1 J	NS	NS	NS
04/04/13	HS	0.38 U	0.38 U	0.38 U	0.75 J	28.8	12.0	NS	1.8 J	1.4 J	0.38 U	3.6 J	0.38 U	3.7 J	NS
07/01/13	HS	0.62 J	0.38 U	0.38 U	0.90 J	27.2	10.6	5.6	2.0 J	1.3 J	0.45 J	3.3 J	0.38 U	4.0 J	NS
10/14/13	HS	NS	NS	NS	NS	29.2	4.2 J	13.7	2.2 J	1.2 J	NS	2.8 J	NS	5.8	NS
12/06/13	HS	NS	NS	NS	NS	20.8	2.0 J	8.8	1.0 J	0.40 J	NS	NS	NS	2.4 J	NS
04/16/14	HS	NS	NS	NS	NS	21.7	7.1	NS	NS	NS	0.60 U	2.5 J	NS	2.7 J	NS
06/16/14	HS	0.79 J	0.60 U	NS	NS	23.4	8.3	7.7	2.0 J	0.97 J	0.64 J	NS	NS	NS	NS
09/16/14	HS	NS	NS	NS	NS	22	2.8 J	NS	NS	NS	NS	2.9 J	NS	3.4 J	NS
12/02/14	HS	0.60 U	0.60 U	NS	NS	22.7	5.5	NS	2.1 J	NS	NS	3.3 J	NS	4.2 J	NS
Mar-15	HS	NS	NS	NS	NS	22.3	5.3	NS	NS	NS	NS	3.2 J	NS	3.4 J	NS
06/17/15	HS	0.60 U	0.60 U	0.60 U	0.70 J	21.4	8.2	12.7	1.2 J	1.2 J	0.81 J	2.9 J	0.73 J	3.6 J	10

TABLE 7B

SUMMARY OF RESULTS FROM NPI WELLS ROUTINELY SAMPLED FOR DISSOLVED CADMIUM ANALYSIS IN 2016

Date	FN	EW-5	EW-6	MW-4A	MW-4B	MW-10A	MW-10B	MW-34A	MW-34B	MW-34C	MW-68A	MW-68B	MW-70A	MW-70B	MW-75
09/22/15	HS	NS	NS	NS	NS	20.2	8.0	NS	NS	NS	NS	<i>4.3 J</i>	NS	<i>3.6 J</i>	5.9
12/07/15	HS	0.60 U	0.60 U	NS	NS	20.8	6.4	10.8	<i>1.5 J</i>	NS	<i>0.60 U</i>	<i>4.0 J</i>	<i>0.60 U</i>	<i>3.9 J</i>	<i>2.4 J</i>
03/21/16	HS	NS	NS	NS	NS	19.1	3.8 J	NS	NS	NS	NS	<i>2.4 J</i>	NS	<i>3.5 J</i>	<i>2.4 J</i>
06/13/16	HS	0.60 U	0.60 U	0.60 U	<i>0.65 J</i>	16.7	2.7 J	6.5	<i>1.4 J</i>	<i>0.87 J</i>	<i>0.60 U</i>	<i>4.5 J</i>	<i>0.60 U</i>	<i>3.2 J</i>	<i>2.3 J</i>
08/30/16	HS	NS	NS	NS	NS	18.8	3.6 J	NS	NS	NS	NS	<i>4.0 J</i>	NS	<i>4.1 J</i>	<i>2.2 J</i>
10/06/16	(2)	NS	NS	NS	NS	19.4	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/05/16	(3)	1.3 U	1.3 U	NS	NS	18.8	<i>1.3 U</i>	6.5	<i>1.5 J</i>	NS	NS	<i>4.0 J</i>	NS	<i>4.1 J</i>	<i>2.4 J</i>

TABLE 7B

SUMMARY OF RESULTS FROM NPI WELLS ROUTINELY SAMPLED FOR DISSOLVED CADMIUM ANALYSIS IN 2016

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g}/\ell$)/parts per billion (ppb).

The PAL for cadmium is $0.5 \mu\text{g}/\ell$: detected concentrations at or above the PAL are in red font and italicized.

The MCL/ES for cadmium is $5.0 \mu\text{g}/\ell$: detected concentrations at or above the MCL/ES are in red font and bold.

abnd = Abandoned well no longer available for monitoring.

B = Compound detected in blank.

FN = Footnote (see below) and used to indicate dates when samples were collected using HydraSleeves.

HS = HydraSleeve.

J = Estimated concentration below laboratory quantitation level.

NA = Not analyzed.

NS = Not sampled.

U = Compound not detected at or above the detection limit, which is the value shown.

FOOTNOTES:

(1) Wells MW-10A&B, MW-34B, and MW-70B were sampled using USEPA Jan. 2010 low-stress (low-flow) protocol. Wells MW-34A and MW-70A were sampled using bailers.

(2) Unfiltered ($19.3 \mu\text{g}/\ell$) and filtered ($19.4 \mu\text{g}/\ell$) samples were collected from MW-10A using USEPA Jan. 2010 low-stress (low-flow) protocol.

(3) Sampled well using HydraSleeve (HS). EW-5 HS samples collected from the upper and lower sections of the saturated screened interval and both were non-detect for cadmium, as shown.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
MW-1 (monitoring well at Grid Coordinate M8)											
1/88	NR	0.24	U	0.24	U	0.15	U	0.15	U	0.15	U
10/88	NR	0.24	U	0.24	U	0.34	U	3.4	J	0.21	U
04/03/08	NR	0.44	J	0.4	U	0.3	U	0.2	U	0.4	U
MW-5A (monitoring well at Grid Coordinate L6)											
1/88	NR	120	D	3.1		6.2		300		0.8	
10/88	NR	210		5.6	J	9.6		400		2.6	U
05/01/90	NR	180		5		10		510		1	
04/01/91	NR	150		3		10		280		1.02	U
07/01/92	NR	91		1	J	5		190		1.02	U
02/08/94	NR	110		2		8		290		0.9	
03/28/94	NR	89		5		7.3		190		5	
06/06/94	NR	71		5		7		150		5	
08/23/94	NR	75		5		6		160		5	
10/27/94	NR	83		2		5.9		160		1.3	
01/19/95	NR	55		2.1		4.4		110		0.36	ND
04/19/95	NR	22		1.4		2.9		79		0.36	ND
07/18/95	NR	14		0.18		2.8		88		0.36	ND
09/12/95	NR	1		1		1		85		1	
01/08/96	NR	10		1.1		2.5		57		0.36	ND
04/17/96	NR	5.7		0.36	ND	1.7		40		0.23	
07/08/96	NR	4.4		1.5		1.4		37		0.36	ND
09/30/96	NR	3.4		0.93	J	1.6		35		0.36	ND
03/17/97	NR	1.32		0.18	U	0.22	U	25.6		0.12	U
05/19/97	NR	1.41		0.18	U	0.52	J	22.4		0.12	U
07/21/97	NR	2.78		0.18	U	0.7	J	31.3		0.12	U
10/21/97	NR	2.7		0.5	U	0.992		31.3		0.4	U
01/27/98	NR	2.36		0.2	U	0.926		31.2		0.36	U
04/20/98	NR	1.6		0.2	U	0.805		24.7		0.36	U
07/20/98	NR	31.2		0.29		3.71		55.6		0.36	U
10/26/98	NR	4.61		0.22		1.88		34.5		0.36	U
01/19/99	NR	1.51		0.2	U	1.21		21.7		0.36	U
04/14/99	NR	0.732	CSH	0.216	J	0.814		18.2		0.36	U
07/27/99	NR	0.306	J	0.225	J	0.557		9.92		0.4	U
10/06/99	NR	0.18	J	0.15	U	0.384	J	7.49	J	0.1	U,SPL,Dup
02/01/00	NR	0.15	U	0.15	U	0.337	J	3.63		0.4	U
05/25/00	NR	0.15	U	0.15	U,SPH	0.161	J	2.34		0.4	U
07/17/00	NR	0.15	U	0.15	U	0.195	J	2.13		0.4	U
10/10/00	NR	0.15	U,SPH	0.15	U	0.15	U	1.06		0.4	U
01/23/01	NR	0.15	U,SPH	0.15	U	0.266	J	1.17	SPH	0.4	U
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U,CSL
07/16/01	NR	0.38	U	0.38	U	0.26	U	1.28		0.26	U,CSH
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.486	J	0.26	U
01/08/02	NR	0.38	U	0.38	U	0.26	U	0.444	J	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	1.04	J	0.36	U

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.611	J	0.36	U
10/21/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/06/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/08/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/22/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.42	U	0.5	U
06/18/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
09/24/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
09/17/08	NR	0.2	U	0.4	U	0.3	U	0.2	J	0.4	U
09/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/04/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/30/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/06/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.4	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	UA	0.43	UA	0.47	UA	0.44	UA	0.36	UA
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-5B (piezometer at Grid Coordinate L6)											
1/88		0.6		0.24	U	0.15	U	16		0.15	U
10/88		1.7		0.64	J	0.44		19		0.21	U
5/90		150		5.0		12		410		3	U
7/90		92	J,D	3.0		10		210	D	2	
4/91		8		0.5		0.7		34		0.6	U
7/92		15		0.8		1		48		0.2	U
02/08/94		3		0.4		0.6		28		0.36	ND
03/28/94		3.1		0.36	ND	0.36	ND	24		0.36	ND
06/06/94		1.5		0.36	ND	0.36	ND	7.1		0.36	ND
08/23/94		3.7		0.36	ND	0.36	ND	9.8		0.36	ND
10/27/94		1.3		0.36	ND	0.36	ND	8.9		0.36	ND
01/19/95		0.36	ND	0.36	ND	0.36	ND	5.3		0.36	ND
04/19/95		1		0.36	ND	0.36	ND	10		0.36	ND
07/18/95		0.36	ND	0.36	ND	0.36	ND	6.4		0.36	ND
09/12/95		0.36	ND	0.36	ND	0.36	ND	7.1		0.36	ND

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
01/08/96		0.36	ND	0.36	ND	0.36	ND	2.8		0.36	ND
04/17/96		0.91		0.36	ND	0.29		3.5		0.36	ND
07/08/96		0.76	J	0.36	ND	0.36	ND	3.1		0.36	ND
09/30/96		0.36	ND	0.36	ND	0.36	ND	1.8		0.36	ND
03/17/97		0.08	U	0.18	U	0.22	U	0.746	J	0.12	U
05/19/97		0.08	U	0.18	U	0.22	U	0.69	J	0.12	U
07/21/97		0.08	U	0.18	U	0.22	U	1.09		0.12	U
10/21/97		0.4	U	0.5	U	0.6	U	2.14		0.4	U
01/27/98		0.436		0.2	U	0.2	U	2.23		0.36	U
04/20/98		0.2	U	0.2	U	0.2	U	2.61		0.36	U
07/20/98		31.6		0.29		4.02		59.4		0.36	U
10/26/98		0.2	U	0.2	U	0.2	U	1.48		0.36	U
01/19/99		0.2	U	0.2	U	0.2	U	1.39		0.36	U
04/14/99		0.2	U	0.2	U	0.2	U	0.605	J	0.36	U
07/27/99		0.1	U	0.15	U	0.15	U	0.347	J	0.4	U
10/06/99		0.15	U	0.15	U	0.15	U	0.391	J	0.153	J,SPL,Dup
02/01/00		0.15	U	0.15	U	0.15	U	0.222	J	0.4	U
05/25/00		0.15	U	0.15	U,CSH	0.15	U	0.15	U	0.4	U
07/17/00		0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
10/10/00		0.15	U,SPH	0.15	U	0.15	U	0.15	U	0.4	U
01/23/01		0.15	U,SPH	0.15	U	0.15	U	0.15	U,SPH	0.4	U
05/08/01		0.15	U	0.15	U	0.366	U	1.09		0.4	U,CSL
07/16/01		0.38	U	0.38	U	0.26	U	0.2	J	0.26	U,CSH
10/16/01		0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
01/08/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/21/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/06/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/08/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/22/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.42	U	0.5	U
06/18/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
09/24/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
09/17/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
03/24/09	LF	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
03/24/09	H	0.2	U		NA	0.3	U	0.2	U	0.4	U
03/24/09	L	0.2	U		NA	0.3	U	0.2	U	0.4	U
09/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/04/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/30/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/06/2011	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
03/12/12	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-6 (monitoring well at Grid Coordinate L6)											
1/88	NR	0.24	U	0.3		0.15	U	14		0.15	U
10/88	NR	1.5		1.2		0.36	ND	24		0.36	ND
5/90	NR	0.9		0.8		0.1	J	19		0.2	U
4/91	NR	0.2	U	0.3		0.3	U	12	J,B	0.6	U
02/08/94	NR	0.8		0.36	ND	0.3		23		0.36	ND
03/28/94	NR	0.36	ND	0.36	ND	0.36	ND	7.4		0.36	ND
06/06/94	NR	0.36	ND	0.36	ND	0.36	ND	8.2		0.36	ND
08/23/94	NR	0.36	ND	0.36	ND	0.36	ND	12		0.36	ND
10/27/94	NR	0.36	ND	0.36	ND	0.36	ND	11		0.36	ND
01/19/95	NR	0.36	ND	0.36	ND	0.36	ND	13		0.36	ND
04/19/95	NR	0.36	ND	0.36	ND	0.36	ND	13		0.36	ND
07/18/95	NR	0.36	ND	0.36	ND	0.36	ND	8.4		0.36	ND
09/12/95	NR	0.36	ND	0.36	ND	0.36	ND	14		0.36	ND
01/08/96	NR	0.36	ND	0.36	ND	0.36	ND	9.6		0.36	ND
04/17/96	NR	0.36	ND	0.36	ND	0.18		5.6		0.36	ND
07/08/96	NR	0.36	ND	0.36	ND	0.36	ND	4.8		0.36	ND
10/01/96	NR	0.36	ND	0.36	ND	0.36	ND	9.9		0.36	ND
03/17/97	NR	0.284	J	0.658	J	0.22	U	21.1		0.12	U
05/19/97	NR	0.08	U	0.2	J	0.22	U	8.87		0.12	U
07/21/97	NR	0.08	U	0.18	U	0.44	U	5.19		0.12	U
10/22/97	NR	0.4	U	0.5	U	0.6	U	2.87		0.4	U
01/27/98	NR	0.2	U	0.2	U	0.2	U	3.24		0.36	U
04/20/98	NR	0.2	U	0.2	U	0.2	U	4.05		0.36	U
07/21/98	NR	0.2	U	0.2	U	0.2	U	3		0.36	U
10/27/98	NR	0.2	U	0.2	U	0.2	U	3.31		0.36	U
01/19/99	NR	0.2	U	0.2	U	0.2	U	2.67		0.36	U
04/13/99	NR	0.2	U	0.2	U	0.2	U	2.06		0.36	U
07/26/99	NR	0.1	U	0.15	U	0.15	U	1.64		0.4	U
10/05/99	NR	0.15	U	0.15	U	0.15	U	1.51		0.133	J
02/01/00	NR	0.15	U	0.15	U	0.15	U	1.26		0.4	U
06/06/00	NR	0.15	U	0.15	U,CSH	0.15	U	0.81		0.4	U
07/17/00	NR	0.15	U	0.15	U	0.15	U	0.584		0.4	U
10/10/00	NR	0.15	U,SPH	0.15	U	0.15	U	0.611		0.4	U
01/23/01	NR	0.15	U,SPH	0.15	U	0.15	U	0.261	J,SPH	0.4	U

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.41	J	0.4	U,CSL
07/17/01	NR	0.38	U	0.38	U	0.26	U	0.435	J	0.26	U
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
01/08/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/08/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/21/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/06/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
10/04/10	M	0.4	U	0.4	U	0.3	U,CSH	0.5	U	0.4	U
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/06/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-9A (monitoring well at Grid Coordinate L6)											
1/88	NR	0.5	U	2.0	J	0.71	U	55		0.44	U
5/90	NR	0.4	U	1		0.4	U	56		0.4	U
02/08/94	NR	0.1		1		0.1		60		0.36	ND
03/28/94	NR	0.36	ND	0.36	ND	0.36	ND	25		0.36	ND
06/06/94	NR	0.36	ND	0.36	ND	0.36	ND	34		0.36	ND
08/23/94	NR	0.36	ND	0.36	ND	0.36	ND	15		0.36	ND
10/27/94	NR	0.36	ND	0.36	ND	0.36	ND	20		0.36	ND
05/02/96	NR	0.36	ND	0.36	ND	0.36	ND	11		0.36	ND
07/08/96	NR	0.36	U	0.42	U	1.8	U	0.5		0.16	U
10/01/96	NR	0.36	U	0.42	U	1.8	U	13		0.16	U
03/17/97	NR	0.08	U	0.18	U	0.22	U	21		0.12	U
05/19/97	NR	0.08	U	0.18	U	0.22	U	7.78		0.12	U
07/21/97	NR	0.36	U	0.36	U	0.36	U	11.3		0.36	ND
10/22/97	NR	0.4	U	0.5	U	0.6	U	5.65		0.4	U
01/27/98	NR	0.2	U	0.2	U	0.2	U	3.61		0.36	U
04/20/98	NR	0.2	U	0.2	U	0.2	U	9.61		0.36	U
07/21/98	NR	0.2	U	0.2	U	0.2	U	7.74		0.36	U
10/27/98	NR	0.2	U	0.2	U	0.2	U	0.342		0.36	U
01/19/99	NR	0.2	U	0.2	U	0.2	U	1.95		0.36	U
04/13/99	NR	0.2	U	0.2	U	0.2	U	1.27		0.36	U
07/27/99	NR	0.1	U	0.15	U	0.15	U	0.39	J	0.4	U
10/05/99	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.247	J
02/01/00	NR	0.15	U	0.15	U	0.15	U,CSL	0.15	U	0.4	U
05/25/00	NR	0.15	U	0.15	U,CSH	0.15	U	0.418	J	0.4	U
07/17/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U,SPH	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
10/11/00	NR	0.15	U,SPH	0.15	U	0.15	U	0.15	U	0.4	U
01/23/01	NR	0.15	U	0.15	U	0.15	U	0.15	U,SPH	0.4	U,SPH
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
07/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U,CSH
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
01/08/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/06/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.49	J	0.2	U
10/04/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/16/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/28/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/07/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/13/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-9B (piezometer at Grid Coordinate L6)											
10/88	NR	0.26		0.29	U	0.14	J	7.5		0.2	J
5/90	NR	0.2	U	0.2	J	0.2	U	4		0.2	U
02/08/94	NR	0.36	ND	0.36	ND	0.04		0.8		0.11	
03/28/94	NR	0.36	ND	0.36	ND	0.36	ND	3.8		0.36	ND
06/06/94	NR	0.36	ND	0.36	ND	0.36	ND	4.3		0.36	ND
08/23/94	NR	0.36	ND	0.36	ND	0.36	ND	2.9		0.36	ND
10/27/94	NR	0.36	ND	0.36	ND	0.36	ND	3.8		0.36	ND
07/08/96	NR	0.36	U	0.42	U	1.8	U	0.3	U	0.16	U
10/01/96	NR	0.36	U	0.42	U	1.8	U	0.36	J	0.16	U
04/01/97	NR	0.08	U	0.18	U	0.22	U	8.89		0.12	U
05/19/97	NR	0.08	U	0.18	U	0.22	U	1.76		0.12	U
07/21/97	NR	0.08	U	0.18	U	0.22	U	0.3	J	0.12	U
10/22/97	NR	0.4	U	0.5	U	0.6	U	0.7		0.4	U
01/27/98	NR	0.2	U	0.2	U	0.2	U	0.519		0.36	U
04/20/98	NR	0.2	U	0.2	U	0.2	U	0.478		0.36	U
07/21/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/27/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
01/19/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/13/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/27/99	NR	0.1	U	0.15	U	0.15	U	0.2	U	0.4	U
10/05/99	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.1	U
02/01/00	NR	0.15	U	0.15	U	0.15	U,CSL	0.15	U	0.4	U
05/25/00	NR	0.15	U	0.15	U,CSH	0.15	U	0.15	U	0.4	U
07/17/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U,SPH	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
10/11/00	NR	0.15	U,SPH	0.15	U	0.15	U	0.15	U	0.4	U
01/23/01	NR	0.15	U	0.15	U	0.15	U	0.15	U,SPH	0.4	U,SPH
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
07/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U,CSH
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
01/09/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/06/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
10/04/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/16/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/28/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/07/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/13/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
MW-12A (monitoring well at Grid Coordinate L7)											
1/88	NR	0.24	U	0.24	U	0.15	U	0.15	U	0.15	U
10/88	NR	0.24	U	0.29	U	0.34	U	0.44	J	0.21	U
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
MW-12B (abandoned piezometer at Grid Coordinate L7)											
1/88	NR	0.24	U	0.24	U	0.15	U	0.15	U	0.15	U
10/88	NR	0.24	U	0.29	U	0.34	U	0.22	J	0.21	U
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
MW-13A (monitoring well at Grid Coordinate L7)											
1/88	NR	0.24	U	0.24	U	0.15	U	0.3		0.5	
10/88	NR	0.24	U	0.29	U	0.34	U	0.43	J	0.75	
4/91	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
10/27/94	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
04/19/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
10/09/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
04/17/96	NR	0.2	ND	0.2	ND	0.2	ND	0.22		0.36	ND
10/01/96	NR	0.2	ND	0.2	ND	0.18		0.29		0.16	
05/20/97	NR	0.2	ND	0.2	ND	0.2	ND	0.18		0.36	ND
10/22/97	NR	0.4	U	0.5	U	0.6	U	0.7	U	0.4	U
04/21/98	NR	0.2	U	0.2	U	0.2	U	0.268		0.36	U
10/27/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
MW-13B (abandoned piezometer at Grid Coordinate L7)											
1/88	NR	0.5		0.24	U	0.15	U	0.15	U	0.15	U
10/88	NR	0.38		0.29	U	0.34	U	0.18	J	0.44	
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
MW-14 (monitoring well at Grid Coordinate L6, nka EW-1R)											
10/88	NR	81		0.15	U	1.9		83		1	U
MW-15 (monitoring well at Grid Coordinate L6, nka EW-2)											
10/88	NR	75		0.2	U	4		130		1.7	U
MW-18 (monitoring well at Grid Coordinate M7)											
10/88	NR	0.24	ND	0.3	ND	0.54	J	0.54	ND	0.22	ND
MW-21A (abandoned monitoring well at Grid Coordinate K7)											
10/88	NR	0.24	ND	0.3	ND	0.34	ND	0.54	ND	0.22	ND
03/31/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
MW-21B (abandoned piezometer at Grid Coordinate K7)											
10/01/88	NR	0.24	ND	0.3	ND	0.34	ND	0.54	ND	0.22	ND
03/31/08	NR	0.2	U	0.4	U	0.3	U	0.2	J	0.4	U
MW-22A (monitoring well at Grid Coordinate K6)											
10/88	NR	0.24	U	0.29	U	0.34	U	2.4		0.25	
5/90	NR	0.2	J	0.2	J	0.2	U	5		0.2	J
03/31/08	NR	0.2	U	0.4	U	0.3	U	0.33	J	0.4	U
MW-22B (piezometer at Grid Coordinate K6)											
10/88	NR	0.43		0.51		0.18	J	7.8		0.62	
5/90	NR	0.6		0.6		0.1	J	13		0.5	
03/31/08	NR	0.2	U	0.4	U	0.3	U	0.88		0.55	J
03/24/09	LF	0.2	U	0.4	U	0.3	U	0.76		0.4	U
10/18/11	M	0.4	U	0.4	U	0.3	U	0.53	J	0.52	J
12/22/11	M	0.4	U	0.4	U	0.3	U	0.51	J	0.43	J
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-26A (monitoring well at Grid Coordinate L5)											
7/89	NR	0.2	U	0.2	U	0.2	U	0.1	J	0.7	
5/90	NR	0.2	U	0.2	U	0.2	U	0.3		1	
4/08	NR	0.2	U	0.4	U	0.3	U	0.22	J	0.4	U
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-26B (piezometer at Grid Coordinate L5)											
7/89	NR	2	U	0.1	U	0.1	U	5		2	

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
5/90	NR	0.3		0.2	U	0.2	U	2		2	
04/01/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
03/26/09	LF	0.2	U	0.4	U	0.3	U	0.2	U	0.68	J
10/18/11	M	0.40	U	0.40	U	0.30	U	0.50	U	0.74	J
06/17/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.56	J
12/02/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.555	J,A
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.39	J
12/08/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/14/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.36	J
MW-27A (monitoring well at Grid Coordinate L5)											
07/21/89	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.1	J
05/25/90	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
04/16/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/07/99	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.1	U
10/13/00	NR	0.15	U	0.15	U	0.15	U	0.09	U	0.1	U
05/09/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.207	J	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/01/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
12/16/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
MW-27B (piezometer at Grid Coordinate L5)											
07/21/89	NR	0.2	U	0.2	U	0.2	U	0.2	J	3	
05/25/90	NR	0.2	U	0.2	U	0.2	U	0.2	U	2	
04/16/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/07/99	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.365	
10/13/00	NR	0.15	U	0.15	U	0.15	U	0.09	U	0.14	
05/09/01	NR	0.15	U	0.15	U	0.15	U	0.075	U	0.4	U
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.207	J	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/24/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/01/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
MW-29A (monitoring well at Grid Coordinate L3)											
07/21/89	NR	6		1		0.2	J	22		0.6	
05/25/90	NR	7		2		0.2	J	22		0.7	
04/16/99	NR	0.938		0.218	J	0.2	U	2.99		0.36	U
10/07/99	NR	0.772		0.15	U	0.15	U	2.42		0.279	J
05/23/00	NR	0.372	J	0.15	U,CSH	0.15	U	1.19		0.4	U
10/13/00	NR	0.446		0.15	U	0.15	U	1.7		0.308	J
05/09/01	NR	0.15	U	0.15	U	0.15	U	0.717		0.4	U
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.207	J	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.751	J	0.36	U
10/23/02	NR	0.36	U	0.39	U	0.32	U,Dup	0.42	U	0.36	U
MW-29B (piezometer at Grid Coordinate L3)											
07/21/89	NR	16		3		0.9		50		1	

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
05/25/90	NR	13		2		0.6		33		0.7	
04/16/99	NR	1.67		0.35	J	0.308		5.53		0.661	J,CSH
10/07/99	NR	1.33		0.184	J	0.184	J,Dup	4.52		0.579	
05/23/00	NR	0.204	J	0.075	U,CSH	0.15	U	0.587		0.4	U
10/13/00	NR	0.579		0.15	U	0.15	U	2.19		0.491	
05/09/01	NR	0.285	J	0.15	U	0.16	J	1.49		0.598	J
10/18/01	NR	0.38	U	0.38	U	0.26	U	0.767		0.616	J
04/22/02	NR	0.36	U	0.39	U	0.32	U	1.46		0.561	J
10/23/02	NR	0.36	U	0.39	U	0.32	U,Dup	0.922	J	0.635	J
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.576	J
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.542	J	0.521	J
04/13/04	NR	0.5	U	0.5	U	0.45	U,S1L	0.42	U	0.5	U,S2L
10/19/04	NR	0.5	U	0.5	U	0.45	U	0.425	J	0.632	J
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/11/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/18/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/18/06	NR	0.15	U	0.15	U	0.12	J	0.2	U	0.68	
06/20/07	NR	0.2	U	0.4	U	0.3	U	0.35	J	0.57	J
11/13/07	NR	0.2	U	0.4	U	0.3	U	0.31	J	0.48	J
06/25/08	NR	0.2	U	0.4	U	0.3	U	0.34	J	0.57	J
12/17/08	NR	0.2	U	0.4	U	0.3	U	0.33	J	0.63	J
03/26/09	LF	0.2	U	0.4	U	0.3	U	0.26	J	0.51	J
03/26/09	H	0.2	U		NA	0.3	U	0.22	J	0.43	J
03/26/09	L	0.2	U		NA	0.3	U	0.23	J	0.47	J
07/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.55	J
12/01/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.55	J
06/29/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.47	J
12/16/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/07/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.47	J
10/18/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/15/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-62AR (monitoring well at Grid Coordinate L6)											
7/92	NR	34		1		2		130		0.2	U
02/08/94	NR	22		1	U	0.9		120		0.3	
03/28/94	NR	21		2.5		2.5		99		2.5	
06/06/94	NR	19		2		2		120		2	
08/23/94	NR	22		1	U	1	U	110		1	U
10/27/94	NR	9.1		1	U	1.2		91		1	U
01/19/95	NR	8.3		2.1		2.1		93		1	U
04/19/95	NR	2.3		1	U	1.5		46		1	U
07/18/95	NR	1	U	1	U	1	U	30		1	U
10/09/95	NR	1.5		2.4		1.2		45		1	U
01/08/96	NR	1.2		1.1		1.2		32		1	U
04/17/96	NR	0.84		0.64		1.1		27		0.21	U
07/08/96	NR	0.46		0.53		1.6		15		0.16	U
10/01/96	NR	0.72		0.77		1		22		0.16	U
05/19/97	NR	0.17		0.23		0.44		13.1		0.12	U

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
10/21/97	NR	0.713		0.5	U	0.6	U	10.9		0.4	U
04/20/98	NR	0.2	U	0.2	U	0.2	U	15.3		0.36	U
04/14/99	NR	0.226	J,CSH	0.2		0.234	J	9.7		0.36	MSH
04/08/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/12/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/18/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.48	J	0.5	U
06/18/07	NR	0.2	U	0.4	U	0.3	U	0.44	J	0.2	U
09/24/07	NR	0.2	U	0.4	U	0.3	U	0.46	J	0.2	U
09/17/08	NR	0.2	U	0.4	U	0.3	U	0.94		0.4	U
09/21/09	M	0.4	U	0.4	U	0.3	U	0.59	J	0.4	U
10/04/10	M	0.4	U	0.4	U	0.3	U,CSH	1.33	J	0.4	U
12/15/10	M	0.4	U	0.48	J	0.3	U	1.02	J	0.4	U
03/28/11	M	0.4	U	0.48	J	0.3	U	0.5	U	0.4	U
06/06/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.4	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/02/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-62B (piezometer at Grid Coordinate L6)											
7/92	NR	46		0.8		2		66		0.5	U
02/08/94	NR	19		0.3		1		34		0.2	
03/28/94	NR	17		1	U	1.3		29		1	U
06/06/94	NR	13		1	U	1	U	19		1	U
08/23/94	NR	6.7		1	U	1	U	14		1	U
10/27/94	NR	4		1	U	1	U	7.8		1	U
01/19/95	NR	1	U	1	U	1	U	2.7		1	U
04/19/95	NR	1	U	1	U	1	U	2.3		1	U
07/18/95	NR	1	U	1	U	1	U	1.7		1	U
10/09/95	NR	1	U	1	U	1	U	1	U	1	U
01/08/96	NR	1	U	1	U	1	U	2		1	U
04/17/96	NR	0.36		0.49	U	0.18		2.5		0.36	ND
07/08/96	NR	0.35	U	0.41	U	0.18	U	1.2		0.19	

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
10/01/96	NR	0.35	U	0.41	U	0.18	U	0.45		0.25	
05/19/97	NR	0.08	U	0.17	U	0.22	U	0.3		0.15	
10/21/97	NR	0.4	U	0.5	U	0.6	U	0.828		0.4	U
04/20/98	NR	0.2	U	0.2	U	0.2	U	0.826		0.36	U
10/27/98	NR	0.2	U	0.2	U	0.2	U	0.561		0.36	U
04/14/99	NR	0.2	CSH,MSH	0.2		0.2		0.202	J	0.36	CSH
04/08/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.59	J	0.5	U
06/18/07	NR	0.2	U	0.4	U	0.3	U	2.05		0.21	J
09/24/07	NR	0.2	U	0.4	U	0.3	U	2.3		0.2	U
11/12/07	NR	0.2	U	0.4	U	0.3	U	2.71		0.2	U
06/24/08	NR	0.2	U	0.45	J	0.3	U	1.79		0.4	U
12/15/08	NR	0.2	U	0.45	J	0.3	U	2.19		0.4	U
09/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/04/10	M	0.4	U	0.4	U	0.3	U,CSH	0.5	U	0.4	U
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/28/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/06/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U

MW-62C (piezometer at Grid Coordinate L6)

7/92	NR	0.9		0.5		0.3	U	3		0.2	U
02/08/94	NR	0.2		1	U	0.09		1		0.1	
03/28/94	NR	1	U	1	U	1	U	1	U	1	U
06/06/94	NR	1	U	1	U	1	U	3.2		1	U
08/23/94	NR	1	U	1	U	1	U	6.2		1	U
10/27/94	NR	1	U	1	U	1	U	3.8		1	U
01/19/95	NR	1	U	1	U	1	U	1	U	1	U
04/19/95	NR	1	U	1	U	1	U	1	U	1	U
07/18/95	NR	1	U	1	U	1	U	1	U	1	U
09/12/95	NR	1	U	1	U	1	U	4.1		1	U

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
01/08/96	NR	1	U	1	U	1	U	1	U	1	U
04/17/96	NR	0.48		0.49	U	0.19		1.5		0.21	U
07/08/96	NR	0.35	U	0.41	U	0.18	U	0.29	U	0.16	U
10/01/96	NR	0.35	U	0.41	U	0.18	U	0.29	U	0.16	U
05/19/97	NR	0.08	U	0.08		0.22	U	1.13		0.12	U
10/21/97	NR	0.4	U	0.5	U	0.6	U	0.7	U	0.4	U
04/20/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/26/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/14/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/22/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.42	U	0.5	U
06/18/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
09/24/07	NR	0.2	U	0.4	U	0.3	U	0.4	U	0.2	U
09/17/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
09/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/04/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/28/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/06/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.4	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U

TABLE 8A

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-1 THROUGH MW-62C

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$)/parts per billion (ppb).

Detected concentrations at or above an applicable NR 140 PAL are in red font and italicized.

Detected concentrations at or above an applicable MCL/NR 140 ES are in red font and bold.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

HS = HydraSleeve.

LF = Low flow.

NR = Not recorded until 2009.

PDB = Passive diffusion bag.

H = PDB or HS in upper portion of saturated screened interval.

M = PDB or HS in middle portion of saturated screened interval.

L = PDB or HS in lower portion of saturated screened interval.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 8B

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-63A THROUGH WW-13

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)								
			I,I-DCA	I,I-DCE	PCE	I,I-TCA	TCE				
	Level	None/850/85	7/7/0.7	5/5/0.5	200/200/40	5/5/0.5					
MW-63A (monitoring well at Grid Coordinate M6)											
7/92	NR	140		1		4		130		0.2	U
02/08/94	NR	79		0.6		3		100		0.4	
03/28/94	NR	10		0.36	ND	0.36	ND	17		0.36	ND
06/06/94	NR	26		0.36	ND	1.7		49		0.36	ND
08/23/94	NR	2.7		0.36	ND	0.36	ND	7.4		0.36	ND
10/27/94	NR	9.9		0.36	ND	0.36	ND	26		0.36	ND
01/19/95	NR	4.7		0.36	ND	0.36	ND	0.36	ND	0.36	ND
04/19/95	NR	2.3		0.36	ND	0.36	ND	0.36	ND	0.36	ND
07/18/95	NR	5.6		0.36	ND	0.36	ND	24		0.36	ND
09/12/95	NR	12		0.36	ND	1		34		0.36	ND
01/08/96	NR	6.8		0.36	ND	0.36	ND	15		0.36	ND
04/17/96	NR	4.6		0.36	ND	0.68		13		0.36	ND
07/08/96	NR	1.6		0.36	ND	0.23		4.7		0.36	ND
10/01/96	NR	3.3		0.36	ND	0.47		7.8		0.36	ND
03/17/97	NR	2.95		0.36	ND	0.36	ND	11.7		0.36	ND
05/19/97	NR	0.36	ND	0.94		0.36	ND	3.76		0.36	ND
07/21/97	NR	7.22		0.36	ND	0.65		23.8		0.36	ND
10/21/97	NR	3.94		0.5	U	0.6	U	10.1		0.4	U
01/27/98	NR	2.19		0.2	U	0.266		6.29		0.36	U
04/20/98	NR	0.2	U	0.2	U	0.225		0.2	U	0.36	U
07/21/98	NR	16		0.2	U	1.77		22.9		0.36	U
10/26/98	NR	7.29		0.2	U	1.07		16.2		0.36	U
01/19/99	NR	2.58		0.2	U	0.651	J	12.1		0.36	U
04/14/99	NR	0.528	J	0.2	U	0.316	J	6.1		0.36	U
07/27/99	NR	0.1	U	0.15	U	0.182	J	1.73		0.4	U
10/06/99	NR	0.15	U	0.15	U	0.15	U	0.377	J	0.1	U
02/01/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
05/25/00	NR	0.15	U	0.15	U,CSH	0.15	U	0.15	U	0.4	U
07/17/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
10/10/00	NR	0.15	U,SPH	0.15	U	0.15	U	0.15	U	0.4	U
01/23/01	NR	0.15	U	0.15	U	0.15	U	0.15	U,SPH	0.4	U,SPH
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U,CSL
07/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	J	0.26	U,CSH
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
01/08/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/06/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/08/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/22/03	NR	0.36	U	0.39	U,CSL	0.32	U	0.42	U	0.36	U
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/11/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
06/18/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U

TABLE 8B

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-63A THROUGH WW-13

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
09/25/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
09/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/04/10	M	0.4	U	0.4	U,S1H,S2H	0.3	U	0.5	U	0.4	U
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/28/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/06/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.9	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
06/16/14	M	0.24	U	0.41	U	0.5	U	0.5	U	0.33	U
06/18/15	M	0.24	U	0.41	U	0.5	U	0.5	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.5	U	0.5	U	0.33	U
MW-63B (piezometer at Grid Coordinate M6)											
7/92	NR	0.2	U	0.3	U	0.3	U	0.8	J	0.2	U
02/08/94	NR	2		1	U	0.2		6		0.08	
03/28/94	NR	1	U	1	U	1	U	3		1	U
06/06/94	NR	3.3		1	U	1	U	10		1	U
08/23/94	NR	1	U	1	U	1	U	1	U	1	U
10/27/94	NR	1	U	1	U	1	U	1.5		1	U
01/19/95	NR	1	U	1	U	1	U	1	U	1	U
04/19/95	NR	1	U	1	U	1	U	3.4		1	U
07/18/95	NR	1	U	1	U	1	U	1	U	1	U
09/12/95	NR	1	U	1	U	1	U	1	U	1	U
01/08/96	NR	1	U	1	U	1	U	1	U	1	U
04/17/96	NR	0.28	U	0.49	U	0.15	U	0.42		0.21	U
07/08/96	NR	0.35	U	0.41	U	0.18	U	0.29	U	0.16	U
10/01/96	NR	0.35	U	0.41	U	0.18	U	0.3		0.16	U
05/19/97	NR	0.08	U	0.23		0.22	U	0.93		0.12	U
10/21/97	NR	0.4	U	0.5	U	0.6	U	0.7	U	0.4	U
04/20/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/14/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/22/03	NR	0.36	U	0.39	U,CSL	0.32	U	0.42	U	0.36	U
09/24/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
09/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/04/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/28/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/06/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U

TABLE 8B

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-63A THROUGH WW-13

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U,A
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U,A
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-64A (abandoned monitoring well at Grid Coordinate L6)											
12/19/91	NR	0.2	U	0.3	U	0.3	U	2		0.2	U
7/92	NR	0.2	U	0.3	U	0.3	U	2		0.2	U
02/08/94	NR	1	U	1	U	1	U	2		0.1	U
03/28/94	NR	1	U	1	U	1	U	2.1		1	U
06/06/94	NR	1	U	1	U	1	U	1.7		1	U
08/23/94	NR	1	U	1	U	1	U	2.1		1	U
10/27/94	NR	1	U	1	U	1	U	1.4		1	U
01/19/95	NR	1	U	1	U	1	U	1.3		1	U
04/19/95	NR	1	U	1	U	1	U	15		1	U
07/18/95	NR	1	U	1	U	1	U	1.2		1	U
09/12/95	NR	1	U	1	U	1	U	1	U	1	U
01/08/96	NR	1	U	1	U	1	U	1.4		1	U
04/17/96	NR	0.28	U	0.49	U	0.15	U	1.4		0.21	U
07/08/96	NR	0.35	U	0.41	U	0.18	U	1.3		0.16	U
10/01/96	NR	0.35	U	0.41	U	0.18	U	1.3		0.16	U
05/19/97	NR	0.08	U	0.17	U	0.22	U	1.3		0.12	U
10/22/97	NR	0.4	U	0.5	U	0.6	U	0.977		0.4	U
04/21/98	NR	0.2	U	0.2	U	0.2	U	1.09		0.36	U
10/26/98	NR	0.2	U	0.2	U	0.2	U	0.464		0.36	U
04/13/99	NR	0.4	U	0.4	U	0.4	U	0.587	J	0.36	U
07/21/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
03/24/09	LF	0.2	U	0.4	U	0.3	U	0.22	J	0.4	U
03/24/09	L	0.2	U		NA	0.3	U	0.2	U	0.4	U
10/04/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/29/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/07/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/14/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
MW-64B (abandoned piezometer at Grid Coordinate L6)											
12/19/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.2	U
7/92	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.2	U
02/08/94	NR	0.36	ND	0.36	ND	0.04		0.6		0.3	

TABLE 8B

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-63A THROUGH WW-13

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
03/28/94	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
06/06/94	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
08/23/94	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
10/27/94	NR	0.36	ND	0.36	ND	0.36	ND	1		0.36	ND
01/19/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	1	
04/19/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	1.8	
07/18/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	1.1	
09/12/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
01/08/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	1.9	
04/17/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	2.7	
07/08/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
10/01/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	2	
05/19/97	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.16	
10/22/97	NR	0.4	U	0.5	U	0.6	U	0.7	U	2.23	
04/21/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.566	
10/26/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	1.47	
04/13/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	1.59	
10/05/99	NR	0.15	U	0.15	U	0.15	U	0.15	U	1.55	
05/25/00	NR	0.15	U	0.15	U,CSH	0.15	U	0.15	U	0.4	U
10/10/00	NR	0.15	U,SPH	0.15	U	0.15	U	0.15	U	0.41	J
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.843	J
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.937	J
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.729	J,Dup
04/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.804	J,CSH
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.841	J
04/12/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.69	J
10/18/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.863	J
10/10/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.712	J
04/17/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.998	J
10/17/06	NR	0.15	U	0.15	U	0.1	U	0.2	U	0.95	
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.85	
11/12/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.49	J
06/24/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.82	J
12/15/08	NR	0.2	U	0.4	U	0.3	U	0.2	J	0.78	J
07/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.78	J
11/30/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.73	J
06/29/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.86	J
10/04/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.63	J
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.81	J
03/29/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.65	J
06/07/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.75	J
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.64	J
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.56	J
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.56	J
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.61	J
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.67	J
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.49	J

TABLE 8B

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-63A THROUGH WW-13

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.53	J
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.37	J
MW-64C (abandoned piezometer at Grid Coordinate L6)											
12/19/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.8	
7/92	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.8	
02/08/94	NR	0.36	ND	0.36	ND	0.04		0.2		0.36	ND
03/28/94	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
06/06/94	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
08/23/94	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	1.2	
10/27/94	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	2.1	
01/19/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	1.8	
04/19/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	3.2	
07/18/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	2.7	
09/12/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
01/08/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	3	
04/17/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	2.6	
07/08/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
10/01/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	2.3	
05/19/97	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.33	
10/22/97	NR	0.4	U	0.5	U	0.6	U	0.7	U	1.84	
04/21/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
10/26/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	1.39	
04/13/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	1.18	J
10/05/99	NR	0.15	U	0.15	U	0.15	U	0.15	U	1.35	
05/25/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
10/10/00	NR	0.15	U,SPH	0.15	U	0.15	U	0.15	U	0.716	J
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.642	J
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.642	J
10/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.642	J,Dup
04/08/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.746	J
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.708	J
04/12/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.579	J
10/18/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.816	J
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/10/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/17/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/17/06	NR	0.15	U	0.15	U	0.1	U	0.2	U	0.75	
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.76	
11/12/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.86	
06/24/08	NR	0.32	J	0.4	U	0.3	U	0.2	U	0.61	J
07/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.88	J
11/30/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/29/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.76	J
10/04/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.71	J
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	1.00	J
03/29/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.87	J
03/29/11	M	0.4	U	0.4	U	0.3	U	0.5	U	1.04	J

TABLE 8B

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-63A THROUGH WW-13

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.79	J
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.81	J
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.76	J
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.74	J
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.76	J
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.68	J
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.70	J
07/01/13	M	0.28	U	0.43	U	0.47	U	0.45	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
MW-65A (monitoring well at Grid Coordinate L6)											
12/19/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.2	U
7/92	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.2	U
02/08/94	NR	1	U	1	U	1	U	0.2	U	0.04	U
03/28/94	NR	1	U	1	U	1	U	1	U	1	U
06/06/94	NR	1	U	1	U	1	U	1	U	1	U
08/23/94	NR	1	U	1	U	1	U	1	U	1	U
10/27/94	NR	1	U	1	U	1	U	1	U	1	U
01/19/95	NR	1	U	1	U	1	U	1	U	1	U
04/19/95	NR	1	U	1	U	1	U	1	U	1	U
07/18/95	NR	1	U	1	U	1	U	1	U	1	U
09/12/95	NR	1	U	1	U	1	U	1	U	1	U
01/08/96	NR	1	U	1	U	1	U	1	U	1	U
04/17/96	NR	0.28	U	0.49	U	0.15	U	0.18	U	0.21	U
07/08/96	NR	0.35	U	0.41	U	0.18	U	0.29	U	0.16	U
10/01/96	NR	0.35	U	0.41	U	0.18	U	0.29	U	0.16	U
05/19/97	NR	0.08	U	0.17	U	0.22	U	0.09	U	0.12	U
04/21/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
10/04/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/28/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/07/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-65B (piezometer at Grid Coordinate L6)											
12/19/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.8	
7/92	NR	0.2	U	0.3	U	0.3	U	0.9	U	0.8	
02/08/94	NR	0.36	ND	0.36	ND	0.36	ND	0.4	ND	0.8	ND
03/28/94	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
06/06/94	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND

TABLE 8B

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-63A THROUGH WW-13

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
08/23/94	NR	0.36	ND	0.36	ND	0.36	ND	1		1.3	
10/27/94	NR	0.36	ND	0.36	ND	0.36	ND	1.6		0.36	ND
01/19/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	1.2	
04/19/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	1.9	
07/18/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	1.4	
09/12/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
01/08/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	2.1	
04/17/96	NR	0.36	ND	0.36	ND	0.36	ND	0.49		0.36	
07/08/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
10/01/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
05/19/97	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.13	
04/21/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.934	
07/27/99	NR	0.1	U	0.15	U	0.15	U	0.2	U	0.669	J
07/18/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
07/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.13	U,CSH
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.906	J
04/08/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.465	J
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.404	J
04/12/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/18/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/11/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.42	U	0.51	J
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.48	J
11/12/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.81	
06/24/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.45	J
12/15/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.5	J
03/24/09	LF	0.2	U	0.4	U	0.3	U	0.2	U	0.46	J
03/24/09	H	0.2	U	NA		0.3	U	0.2	U	0.43	J
03/24/09	L	0.2	U	NA		0.3	U	0.2	U	0.4	
07/22/09	LF	0.4	U	0.4	U	0.3	U	0.5	U	0.51	J
07/22/09	H	0.4	U	NA		0.3	U	0.5	U	0.6	J
07/22/09	L	0.4	U	NA		0.3	U	0.5	U	0.58	J
11/30/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.45	J
06/29/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.52	J
10/04/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.41	J
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.47	J
03/28/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.51	J
06/07/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.66	J
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.64	J
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.6	J
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.64	J
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.59	J
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.62	J
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.54	J
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.57	J
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.34	J
12/02/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.57	J

TABLE 8B

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-63A THROUGH WW-13

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
06/16/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.52	J
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.42	J
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.53	J
12/06/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.55	J
MW-65C (piezometer at Grid Coordinate L6)											
12/19/91	NR	0.2	U	0.3	U	0.3	U	0.9	U	2	
7/92	NR	0.2	U	0.3	U	0.3	U	0.9	U	2	
02/08/94	NR	0.4		0.36	ND	0.36	ND	0.7		2	
03/28/94	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	1.6	
06/06/94	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	2	
08/23/94	NR	0.36	ND	0.36	ND	0.36	ND	1.2		0.36	ND
10/27/94	NR	0.36	ND	0.36	ND	0.36	ND	2.1		0.36	ND
01/19/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	3.4	
04/19/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	4.3	
07/18/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	4	
09/12/95	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	2.4	
01/08/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	3.9	
04/17/96	NR	0.36	ND	0.36	ND	0.36	ND	0.49		1.1	
07/08/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	0.36	ND
10/01/96	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	3.1	
05/19/97	NR	0.36	ND	0.36	ND	0.36	ND	0.36	ND	1.69	
04/21/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.546	
07/27/99	NR	0.1	U	0.15	U	0.15	U	0.2	U	1.57	
07/18/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.597	J
07/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	1.2	CSH
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.84	U	0.736	J
04/08/03	NR	0.36	U	0.39	U	0.32	U	0.84	U	0.931	J
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.865	J
04/12/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.674	J
10/18/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.962	J
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.653	J
10/10/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.72	J
04/17/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	1.14	J
10/17/06	NR	0.15	U	0.15	U	0.1	U	0.2	U	1.03	
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.84	
11/12/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.68	
06/24/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.76	J
12/15/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	1.05	J
03/24/09	LF	0.2	U	0.4	U	0.3	U	0.2	U	0.44	J
03/24/09	H	0.2	U	NA		0.3	U	0.39	J	1.17	J
03/24/09	L	0.2	U	NA		0.3	U	0.2	U	1.01	J
07/21/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.86	J
11/30/09	M	0.4	U	0.4	U	0.3	U	0.5	U	0.79	J
06/29/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.91	J
10/04/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.74	J
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.82	J
03/28/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.73	J
06/07/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.73	J

TABLE 8B

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-63A THROUGH WW-13

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.7	J
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.7	J
03/12/12	M	0.4	U	0.4	U	0.3	U	0.5	U	0.67	J
06/26/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.8	J
10/09/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.8	J
12/04/12	M	0.75	U	0.57	U	0.45	U	0.9	U	0.53	J
04/03/13	M	0.75	U	0.57	U	0.45	U	0.9	U	0.64	J
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.67	J
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.66	J
06/16/14	M	0.24	U	0.41	U	0.5	U	0.5	U	0.47	J
12/02/14	M	0.24	U	0.41	U	0.5	U	0.5	U	0.71	J
06/16/15	M	0.24	U	0.41	U	0.5	U	0.5	U	0.61	J
12/07/15	M	0.24	U	0.41	U	0.5	U	0.5	U	0.55	J
06/13/16	M	0.24	U	0.41	U	0.5	U	0.5	U	0.56	J
12/06/16	M	0.24	U	0.41	U	0.5	U	0.5	U	0.68	J
MW-66A (monitoring well at Grid Coordinate L6)											
7/92	NR	9		0.7	U	0.6	U	55		0.5	U
02/08/94	NR	9		0.6		0.2		60		0.4	
03/28/94	NR	5.2		0.36	ND	0.36	ND	37		0.36	ND
06/06/94	NR	8.9		0.36	ND	0.36	ND	49		0.36	ND
08/23/94	NR	8.3		0.36	ND	0.36	ND	46		0.36	ND
10/27/94	NR	6.6		0.36	ND	0.36	ND	42		0.36	ND
01/19/95	NR	5.8		0.36	ND	0.36	ND	37		0.36	ND
04/19/95	NR	5.2		0.36	ND	0.36	ND	38		0.36	ND
07/18/95	NR	3.3		0.36	ND	0.36	ND	32		0.36	ND
09/12/95	NR	3.3		0.36	ND	0.36	ND	28		0.36	ND
01/08/96	NR	3.3		0.36	ND	0.36	ND	27		0.36	ND
04/17/96	NR	0.25		0.36	ND	0.24		23		0.64	
07/08/96	NR	2.6		0.36	ND	0.36	ND	23		0.36	ND
10/01/96	NR	2.2		0.36	ND	0.18		24		0.53	
03/17/97	NR	2.1		0.36	ND	0.36	ND	26.6		0.374	
05/19/97	NR	0.36	ND	1.79		0.36	ND	22.8		0.18	
07/21/97	NR	1.88		0.18		0.36	ND	25		0.16	
10/21/97	NR	1.75		0.5	U	0.6	U	18.6		0.485	
01/27/98	NR	1.61		0.2	U	0.2	U	18.5		0.458	
04/20/98	NR	1.39		0.2	U	0.2	U	18.9		0.529	
07/21/98	NR	1.3		0.2	U	0.2	U	13.1		0.461	
10/26/98	NR	1.28		0.2	U	0.2	U	12.7		0.378	
01/19/99	NR	1.17		0.2	U	0.206	J	12.2		0.462	J
04/13/99	NR	1.17		0.2	U	0.2	U	12.2		0.407	J
07/27/99	NR	1.07		0.167	J	0.15	U	10.2		0.4	U
10/05/99	NR	1.09		0.175	J	0.15	U	10.8		0.429	
02/01/00	NR	0.348	J	0.15	U	0.15	U,CSL	4.21		0.4	U
05/25/00	NR	0.15	U	0.15	U,CSH	0.15	U	1.45		0.4	U
07/17/00	NR	0.15	U	0.15	U	0.15	U	1.08		0.4	U
10/10/00	NR	0.15	U,SPH	0.15	U	0.15	U	1.64		0.4	U
01/23/01	NR	0.15	U	0.15	U	0.15	U	0.293	J,SPH	0.4	U,SPH
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.387	J	0.4	U

TABLE 8B

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-63A THROUGH WW-13

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
07/16/01	NR	0.38	U	0.38	U	0.26	U	0.366	J	0.26	U,CSH
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
01/08/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/09/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
10/21/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/06/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
06/20/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
06/24/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
10/04/10	M	0.4	U	0.4	U	0.3	U,CSH	0.5	U	0.4	U
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/28/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/06/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/04/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-66B (piezometer at Grid Coordinate L6)											
7/92	NR	110		4		4		160		0.2	U
02/08/94	NR	76		3		2		140		0.4	
03/28/94	NR	19		1	U	1	U	42		1	U
06/06/94	NR	27		1.2		1.4		46		1	U
08/23/94	NR	64		5	U	5	U	150		5	U
10/27/94	NR	21		1	U	1	U	49		1	U
01/19/95	NR	29		2		2.9		83		1	U
04/19/95	NR	15		1	U	1	U	41		1	U
07/18/95	NR	6.2		1	U	1	U	14		1	U
09/12/95	NR	1	U	1	U	1	U	2.7		1	U
01/08/96	NR	1	U	1	U	1	U	2.5		1	U
04/17/96	NR	0.46		0.49	U	0.19		1.7		0.21	U
07/08/96	NR	0.59		0.41	U	0.64		2.5		0.24	
10/01/96	NR	0.42		0.41	U	0.58		2		0.27	
05/19/97	NR	0.08	U	0.15		0.22	U	0.9		0.12	U
10/21/97	NR	0.4	U	0.5	U	0.6	U	0.894		0.4	U
04/20/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U

TABLE 8B

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-63A THROUGH WW-13

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
10/26/98	NR	0.2	U	0.2	U	0.2	U	0.681		0.36	U
04/13/99	NR	0.2		0.2		0.272	J	0.81		0.474	J
10/05/99	NR	0.307	J	0.15	U	0.256	J	0.837		0.774	
05/25/00	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
10/10/00	NR	0.15	U	0.15	U	0.245	J	0.319	J	0.4	U
05/08/01	NR	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
10/16/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
04/22/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.362	J
10/21/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/22/03	NR	0.36	U	0.39	U,CSL	0.32	U	0.42	U	0.36	U
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/11/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/25/06	NR	0.5	U	0.5	U	0.71	U	0.44	J	0.58	J
03/26/07	NR	0.15	U	0.15	U	0.14	J	0.2	U	0.52	J
06/18/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.54	J
09/24/07	NR	0.2	U	0.4	U	0.3	U	0.4	J	0.56	J
11/12/07	NR	0.2	U	0.4	U	0.3	U	0.41	J	0.48	J
03/31/08	NR	0.2	U	0.4	U	0.3	U	0.4	U	0.4	U
06/24/08	NR	0.2	U	0.4	U	0.3	U	0.58	J	0.56	J
12/15/08	NR	0.2	U	0.4	U	0.3	U	0.88		0.59	J
03/24/09	LF	0.2	U	0.4	U	0.3	U	1		0.4	U
03/24/09	H	0.2	U	NA		0.3	U	0.87		0.4	U
03/24/09	L	0.2	U	NA		0.3	U	0.88		0.48	J
07/21/09	M	0.4	U	0.4	U	0.3	U	0.66	J	0.45	J
11/30/09	M	0.4	U	0.4	U	0.3	U	1.07	J	0.47	J
06/29/10	M	0.4	U	0.4	U	0.3	U	1.12	J	0.4	U
10/04/10	M	0.4	U	0.4	U	0.3	U,CSH	0.81	J	0.49	J
12/15/10	M	0.4	U	0.4	U	0.3	U	1.07	J	0.52	J
03/28/11	M	0.4	U	0.4	U	0.3	U	0.96	J	0.4	U
06/06/11	M	0.4	U	0.4	U	0.3	U	0.96	J	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/02/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
MW-66C (piezometer at Grid Coordinate L6)											
07/01/92	NR	2		0.3	U	0.3	U	4		0.2	U

TABLE 8B

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-63A THROUGH WW-13

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
02/08/94	NR	0.2	ND	0.2	ND	0.2	ND	1		0.1	
03/28/94	NR	0.2	ND	0.2	ND	0.2	ND	2.2		0.36	ND
06/06/94	NR	0.2	ND	0.2	ND	0.2	ND	2		0.36	ND
08/23/94	NR	0.2	ND	0.2	ND	0.2	ND	2.3		0.36	ND
10/27/94	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
01/19/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
04/19/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
07/18/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
09/12/95	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
01/08/96	NR	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.36	ND
04/17/96	NR	0.2	ND	0.2	ND	0.2	ND	0.75		0.36	ND
07/08/96	NR	0.2	ND	0.2	ND	0.2	ND	0.52		0.36	ND
10/01/96	NR	0.2	ND	0.2	ND	0.2	ND	0.68		0.36	ND
05/19/97	NR	0.2	ND	0.2	ND	0.2	ND	0.12		0.36	U
10/21/97	NR	0.4	U	0.5	U	0.6	U	0.7	U	0.4	U
04/20/98	NR	0.2	U	0.2	U	0.21		0.737		0.377	
10/26/98	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
04/13/99	NR	0.2	U	0.2	U	0.2	U	0.2	U	0.36	U
07/23/03	NR	0.36	U	0.39	U,CSL	0.32	U	0.42	U	0.36	U
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
06/19/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
11/12/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
06/24/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
12/15/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
10/04/10	M	0.4	U	0.4	U	0.3	U,CSH	0.5	U	0.4	U
12/15/10	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/28/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/06/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/21/11	M	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	M	0.40	U	0.40	U	0.30	U	0.50	U	0.40	U
06/26/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
10/09/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
12/04/12	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
04/03/13	M	0.75	U	0.57	U	0.45	U	0.90	U	0.48	U
07/01/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/03/13	M	0.28	U	0.43	U	0.47	U	0.44	U	0.36	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/16/14	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/18/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
WW-13 (abandoned monitoring well at Grid Coordinate L5)											
4/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U

TABLE 8B

NPI VOC ANALYTICAL RESULTS FROM PLUME 3/4 MONITORING WELLS MW-63A THROUGH WW-13

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$)/parts per billion (ppb).

Detected concentrations at or above an applicable NR 140 PAL are in red font and italicized.

Detected concentrations at or above an applicable MCL/NR 140 ES are in red font and bold.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

HS = HydraSleeve.

LF = Low flow.

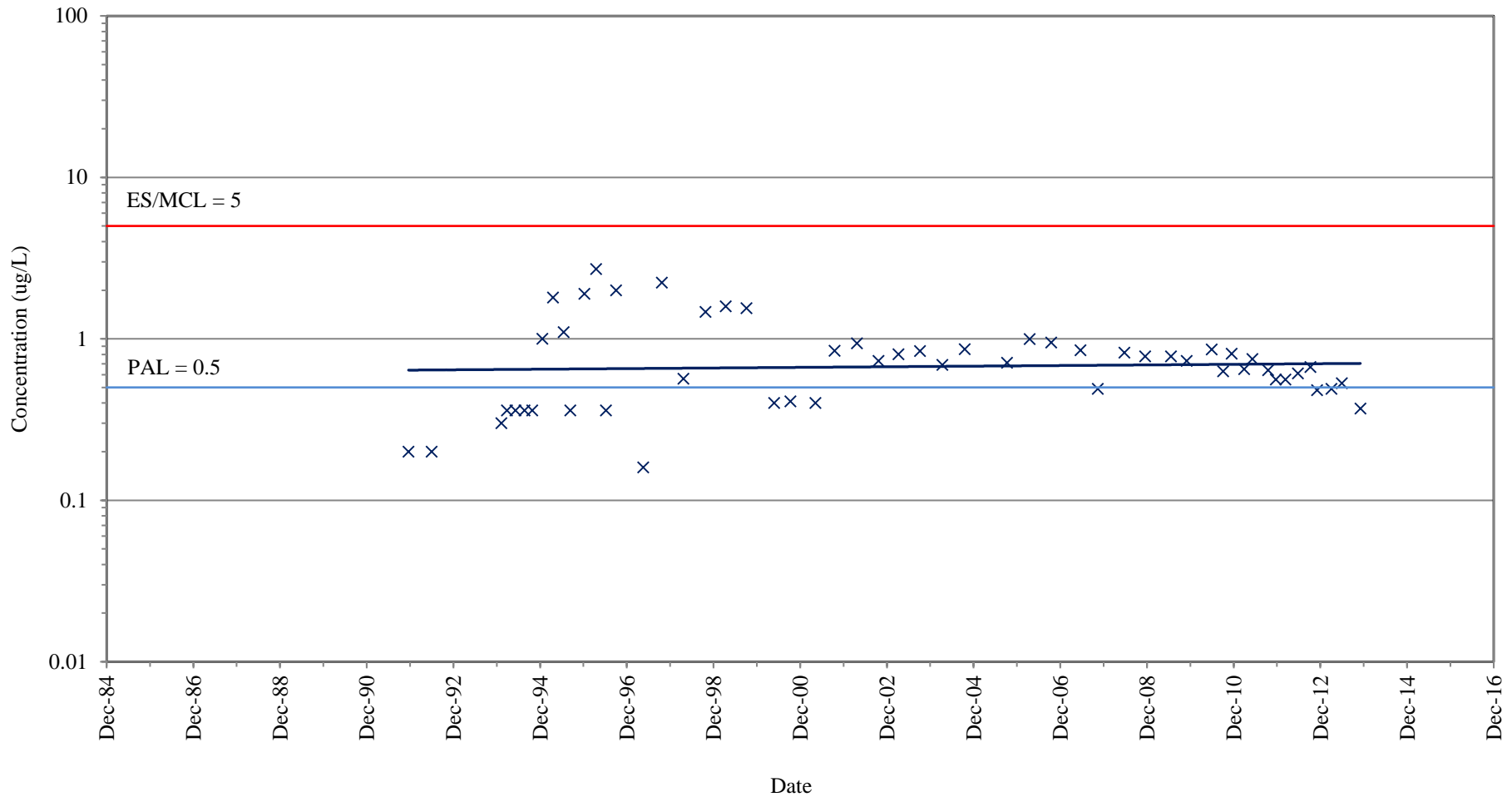
NR = Not recorded until 2009.

PDB = Passive diffusion bag.

H = PDB or HS in upper portion of saturated screened interval.

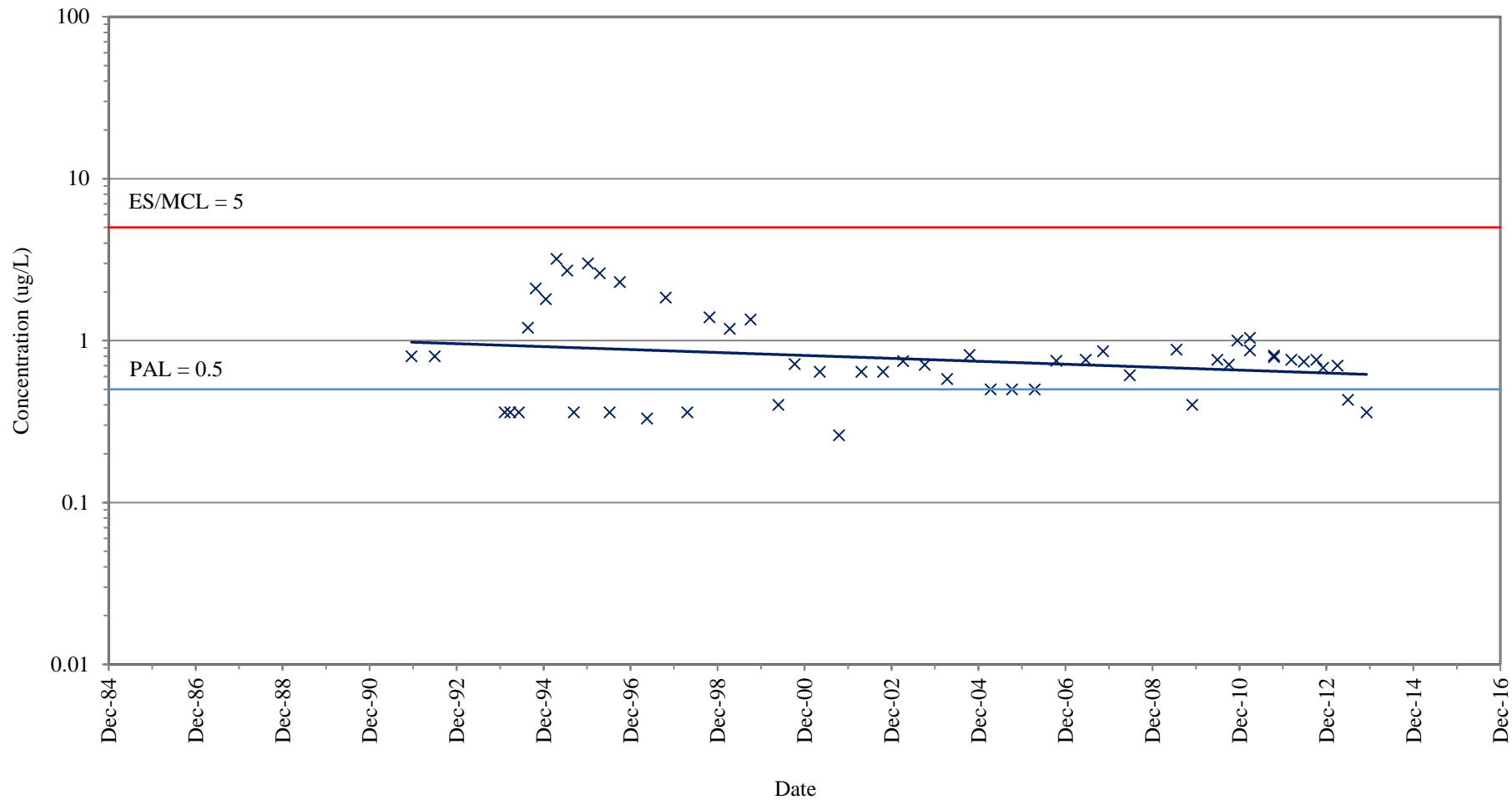
M = PDB or HS in middle portion of saturated screened interval.

L = PDB or HS in lower portion of saturated screened interval.



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

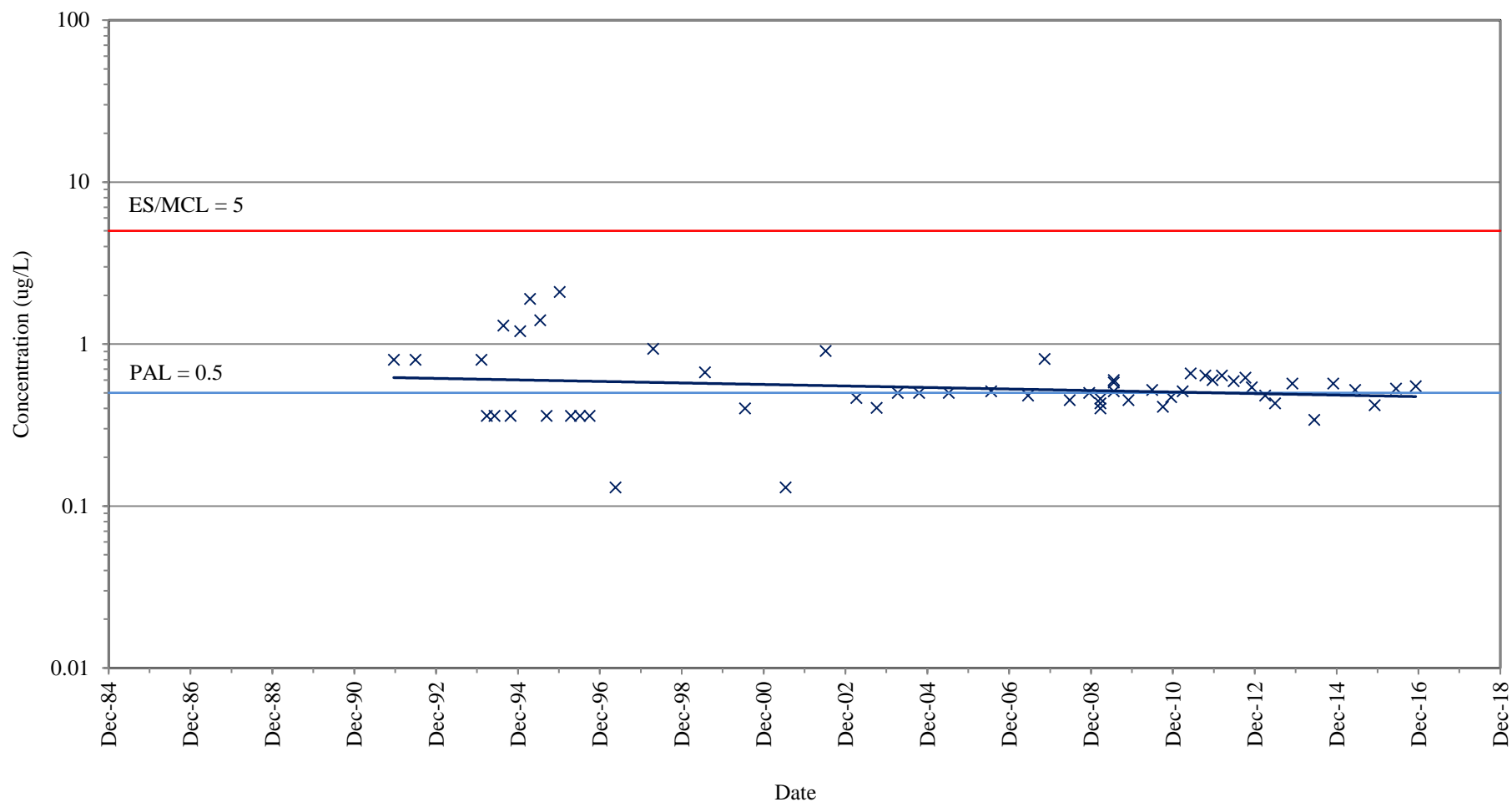
PLUME 3/4 GROUNDWATER TCE CONCENTRATIONS
MW-64B (GRID COORDINATE L6)
 NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 3/4 GROUNDWATER TCE CONCENTRATIONS
MW-64C (GRID COORDINATE L6)

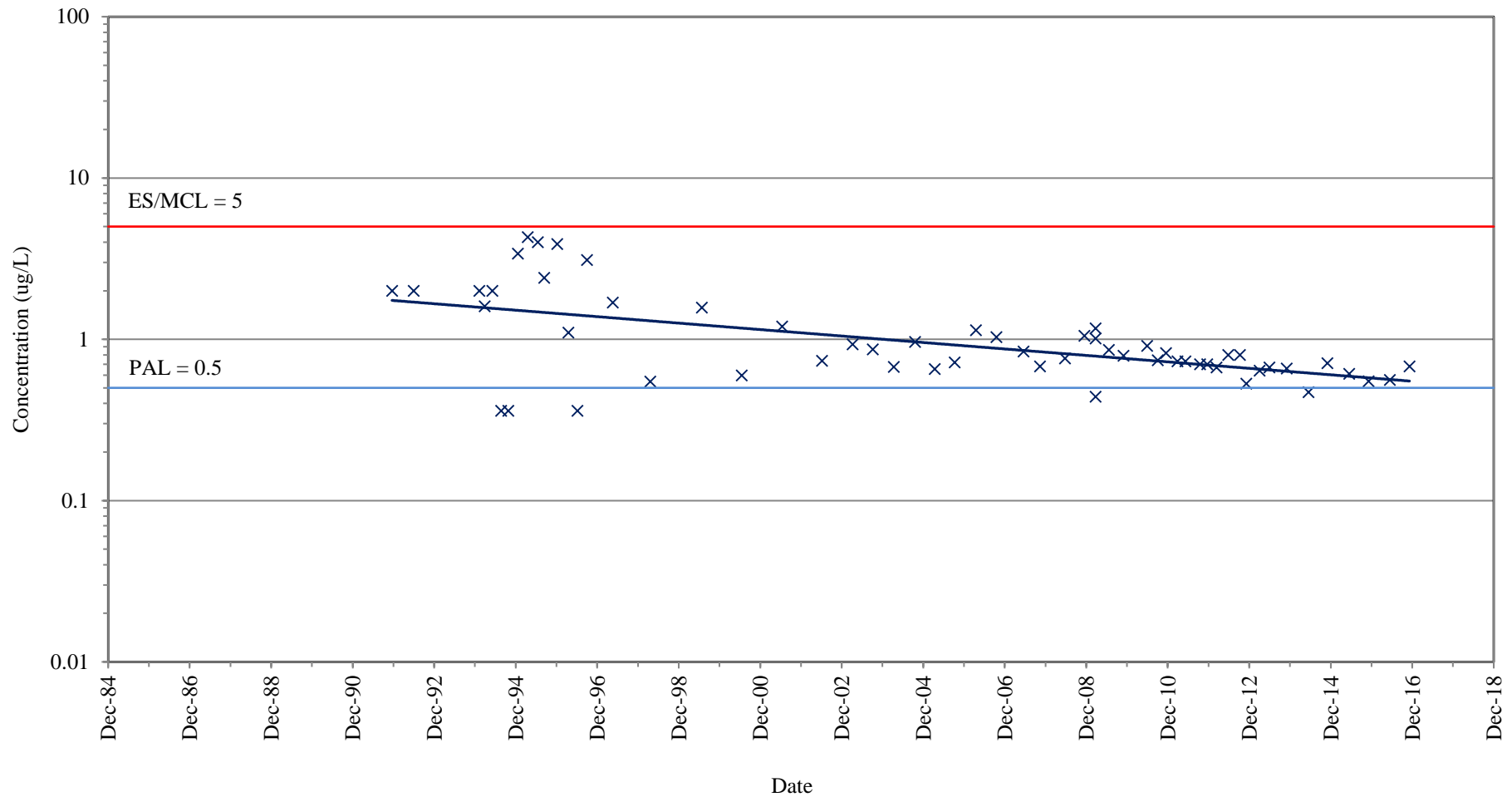
NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 3/4 GROUNDWATER TCE CONCENTRATIONS
MW-65B (GRID COORDINATE L6)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 3/4 GROUNDWATER TCE CONCENTRATIONS
MW-65C (GRID COORDINATE L6)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 9

NPI VOC ANALYTICAL RESULTS FROM MRDS EXTRACTION WELLS EW-1/1R AND EW-2⁽¹⁾

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)										
		1,1-DCA			1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85			7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
EW-1/1R (extraction well at Grid Coordinate L6) ⁽²⁾												
03/09/94	NR	42		2		2.4		95		2		
03/17/94	NR	31		2		2.3		75		2		
03/23/94	NR	35		2		2.2		68		2		
03/31/94	NR	30		2		2		64		2		
04/06/94	NR	27		2		2		58		2		
05/04/94	NR	22		2		2		50		2		
06/09/94	NR	15		1		1.3		32		1		
07/06/94	NR	13		1		1.3		29		1		
08/05/94	NR	11		0.2	ND	1.1		26		0.36	ND	
09/09/94	NR	9.3		0.2	ND	1		23		0.36	ND	
10/06/94	NR	9		0.2	ND	1		21		0.36	ND	
11/03/94	NR	8.3		0.2	ND	0.2	ND	19		0.36	ND	
12/15/94	NR	5		0.2	ND	0.2	ND	16		0.36	ND	
01/12/95	NR	5		0.2	ND	0.2	ND	14		0.36	ND	
02/21/95	NR	4.3		0.2	ND	0.2	ND	12		0.36	ND	
03/15/95	NR	4.8		0.2	ND	0.2	ND	13		0.36	ND	
04/13/95	NR	4.3		0.2	ND	0.2	ND	13		0.36	ND	
05/10/95	NR	4.5		0.2	ND	0.2	ND	14		0.36	ND	
06/15/95	NR	4		0.2	ND	0.2	ND	12		0.36	ND	
07/20/95	NR	2.7		0.2	ND	0.2	ND	9.6		0.36	ND	
09/20/95	NR	2.6		0.2	ND	0.2	ND	14		0.36	ND	
10/25/95	NR	3.4		0.2	ND	1		12		0.36	ND	
11/30/95	NR	3.1		0.2	ND	0.2	ND	10		0.36	ND	
12/19/95	NR	3.4		0.2	ND	0.2	ND	11		0.36	ND	
01/25/96	NR	3.4		0.2	ND	0.2	ND	11		0.36	ND	
02/20/96	NR	3.1		0.2	ND	0.2	ND	8.5		0.36	ND	
03/30/96	NR	2.3		0.2	ND	0.99		7.5		0.17		
04/18/96	NR	2.6		0.2	ND	0.36		7		0.36	ND	
05/28/96	NR	2.2		0.2	ND	0.52		6.1		0.15		
06/18/96	NR	2.4		0.2	ND	0.54		7.9		0.36	ND	
07/30/96	NR	2		0.2	ND	0.44		6.2		0.36	ND	
08/26/96	NR	1.8		0.2	ND	0.49		6.4		0.36	ND	
09/09/96	NR	2.1		0.2	ND	0.45		6.1		0.21		
10/07/96	NR	1.9		0.2	ND	0.49		5.4		0.36	ND	
11/04/96	NR	1.8		0.2	ND	0.53		5.5		0.36	ND	
12/05/96	NR	2.4		0.2	ND	0.38		5.4		0.36	ND	
01/13/97	NR	2.3		0.2	ND	0.36		5.1		0.36	ND	
02/12/97	NR	2.5		0.2	ND	0.41		5.5		0.36	ND	
03/24/97	NR	1.7		0.2	ND	0.2	ND	5.4		0.36	ND	
04/14/97	NR	1.55		0.2	ND	0.231		4.68		0.36	ND	
05/07/97	NR	1.36		0.2	ND	0.2	ND	4.22		0.36	ND	
06/09/97	NR	1.44		0.2	ND	0.221		4.94		0.36	ND	
07/09/97	NR	1.53		0.2	ND	0.2	ND	5.13		0.36	ND	
08/13/97	NR	1.34		0.2	ND	0.2	ND	4.6		0.36	ND	
09/08/97	NR	1.83		0.17	U	0.22	U	5.34		0.12	U	

TABLE 9

NPI VOC ANALYTICAL RESULTS FROM MRDS EXTRACTION WELLS EW-1/1R AND EW-2⁽¹⁾

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
10/13/97	NR	1.82		0.2	U	0.33		4.58		0.2	U
11/11/97	NR	1.71		0.5	U	0.6	U	4.79		0.4	U
12/04/97	NR	1.84		0.5	U	0.6	U	5.06		0.4	U
01/12/98	NR	0.98		0.1	U	0.278		3.35		0.21	U
02/04/98	NR	1.7		0.2	U	0.326		4.98		0.36	U
03/05/98	NR	1.03		0.2	U	0.332		3.33		0.36	U
04/14/98	NR	0.923		0.2	U	0.243		2.66		0.36	U
05/04/98	NR	1.44		0.2	U	0.2	U	4.38		0.36	U
06/02/98	NR	0.906		0.2	U	0.233		3.09		0.36	U
07/22/98	NS		(3)		(3)		(3)		(3)		(3)
08/05/98	NS		(3)		(3)		(3)		(3)		(3)
09/14/98	NR	2		0.2	U	0.385		4.51		0.36	U
10/07/98	NR	2.08		0.2	U	0.452		5.07		0.36	U
11/11/98	NR	0.2	U	0.2	U	0.376		4.12		0.36	U
02/02/99	NR	1.25		0.2	U	0.398		2.88		0.18	U,CSH
05/04/99	NR	0.934		0.2	U	0.284	J	2.05		0.18	U,CSH
08/16/99	NR	0.827		0.2	U	0.333	J	1.68		0.4	U
11/17/99	NR	0.617		0.15	U	0.222	J	1.3		0.121	J
02/08/00	NR	0.308	J	0.15	U	0.2	J	0.685		0.4	U
05/09/00	NR	0.279	J	0.15	U,CSL	0.16	J	0.678		0.4	U
08/21/00	NR	0.237	J	0.15	U	0.15	U	0.374	J	0.4	U
11/15/00	NR	0.15	J	0.15	U	0.15	U	0.307	J	0.4	U
02/13/01	NR	15	U	0.15	U	0.15	U	0.225	J	0.4	U
05/01/01	NR	15	U	0.15	U	0.154	J	0.15	U	0.4	U
08/14/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.803	
11/26/01	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
02/18/02	NR	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
05/07/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
08/13/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
11/19/02	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
02/18/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/10/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
06/09/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/22/03	NR	0.36	U	0.39	U,CSL	0.32	U	0.42	U	0.36	U
10/07/03	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/09/04	NR	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
02/24/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/14/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/18/04	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/11/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
08/09/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/12/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
11/15/05	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
01/16/06	NR	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/24/06	NR	0.5	U	0.5	U	0.71	U	0.42	U	0.5	U
10/16/06	NR	0.15	U	0.15	U	0.1	U	0.2	U	0.2	U
03/26/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U

TABLE 9

NPI VOC ANALYTICAL RESULTS FROM MRDS EXTRACTION WELLS EW-1/1R AND EW-2⁽¹⁾

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
06/21/07	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
06/23/08	NR	0.2	U	0.4	U	0.3	U	0.28	J	0.4	U
09/16/08	NR	0.2	U	0.4	U	0.3	U	0.28	J	0.4	U
12/15/08	NR	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
03/23/09	G	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
09/21/09	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/15/10	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/28/10	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/04/10	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/15/10	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
04/06/11	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/06/11	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/20/11	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
07/01/13	G	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/05/13	G	0.56	U	0.86	U	0.94	U	0.88	U	0.72	U
06/16/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
09/15/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/23/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/07/15	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/21/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/13/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	M	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
12/05/16	L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
EW-2 (extraction well at Grid Coordinate L6)											
03/09/94	NR	34		1		2.5		65		1	
03/17/94	NR	24		2		2.2		48		2	
03/23/94	NR	25		2		2		45		2	
03/31/94	NR	28		1		1.9		47		1	
04/06/94	NR	23		1		1.7		37		1	
05/04/94	NR	18		1		1.4		37		1	
06/09/94	NR	12		1		1.1		27		1	
07/06/94	NR	12		1		1		27		1	
08/05/94	NR	9.9		0.2	ND	0.2	ND	22		0.36	ND
09/09/94	NR	8.3		0.2	ND	0.2	ND	19		0.36	ND
10/06/94	NR	7.6		0.2	ND	0.2	ND	18		0.36	ND
11/03/94	NR	7.4		0.2	ND	0.2	ND	15		0.36	ND
12/15/94	NR	5.3		0.2	ND	0.2	ND	13		0.36	ND
01/12/95	NR	4.9		0.2	ND	0.2	ND	13		0.36	ND
02/21/95	NR	5.7		0.2	ND	0.2	ND	13		0.36	ND
03/15/95	NR	5.5		0.2	ND	0.2	ND	13		0.36	ND

TABLE 9

NPI VOC ANALYTICAL RESULTS FROM MRDS EXTRACTION WELLS EW-1/1R AND EW-2⁽¹⁾

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
04/13/95	NR	5.9		0.2	ND	0.2	ND	14		0.36	ND
05/10/95	NR	6		0.2	ND	0.2	ND	15		0.36	ND
06/15/95	NR	5.1		0.2	ND	0.2	ND	12		0.36	ND
07/20/95	NR	4.1		0.2	ND	0.2	ND	11		0.36	ND
08/22/95	NR	6		0.2	ND	0.2	ND	13		0.36	ND
09/20/95	NR	6.3		0.2	ND	0.2	ND	13		0.36	ND
11/30/95	NR	7.2		0.2	ND	0.2	ND	12		0.36	ND
12/19/95	NR	7.4		0.2	ND	0.2	ND	13		0.36	ND
02/20/96	NR	7.7		0.2	ND	0.2	ND	10		0.36	ND
03/30/96	NR	6.1		0.2	ND	0.76		9.9		0.36	ND
04/18/96	NR	7.3		0.2	ND	0.55		10		0.36	ND
05/28/96	NR	5.6		0.2	ND	0.7		9.3		0.12	
06/18/96	NR	6.5		0.2	ND	0.83		13		0.36	ND
07/30/96	NR	6.8		0.2	ND	0.75		11		0.36	ND
08/26/96	NR	6.3		0.2	ND	0.79		11		0.36	ND
09/09/96	NR	6.7		0.2	ND	0.85		11		0.36	ND
10/07/96	NR	7.2		0.2	ND	0.8		10		0.36	ND
11/04/96	NR	6		0.2	ND	0.78		9.5		0.36	ND
12/05/96	NR	7.9		0.2	ND	0.68		9.6		0.36	ND
01/13/97	NR	8		0.2	ND	0.64		9.3		0.36	ND
02/12/97	NR	8.7		0.2	ND	0.74		11		0.36	ND
03/24/97	NR	6.5		0.2	ND	0.2	ND	11.6		0.36	ND
04/14/97	NR	5.87		0.2	ND	0.484		9.62		0.36	ND
05/07/97	NR	5.26		0.2	ND	0.2	ND	8.94		0.36	ND
06/09/97	NR	6.47		0.2	ND	0.582		10.8		0.36	ND
07/09/97	NR	7.26		0.2	ND	0.2	ND	12.5		0.55	
08/13/97	NR	6.99		0.2	ND	0.46		11.4		0.36	ND
09/08/97	NR	6.76		0.17	U	0.45		10.2		0.12	U
10/13/97	NR	5.51		0.2	U	0.588		8.33		0.2	U
11/11/97	NR	5.85		0.5	U	0.641		9.27		0.4	U
12/04/97	NR	6.39		0.5	U	0.69		10.1		0.4	U
01/12/98	NR	4.62		0.2	U	0.552		7.17		0.21	U
02/04/98	NR	6.31		0.2	U	0.659		10.5		0.36	U
03/05/98	NR	4.11		0.2	U	0.57		6.81		0.36	U
04/14/98	NR	3.89		0.2	U	0.473		6.21		0.36	U
05/04/98	NR	5.53		0.2	U	0.476		9.06		0.36	U
06/02/98	NR	4.2		0.2	U	0.548		6.99		0.36	U
07/22/98	NS		(3)		(3)		(3)		(3)		(3)
08/05/98	NS		(3)		(3)		(3)		(3)		(3)
09/14/98	NR	5.53		0.2	U	0.688		8.46		0.36	U
10/07/98	NR	6.41		0.2	U	0.814		9.38		0.36	U
11/11/98	NR	5.26		0.2	U	0.611		7.26		0.36	U
02/02/99	G	3.42		0.2	U	0.496	J	5.6		0.18	U,CSH
05/04/99	G	1.66		0.2	U	0.246	J	3.29		0.36	U
08/16/99	G	0.559		0.2	U	0.159	J	1.48		0.4	U
11/17/99	G	0.188	J	0.15	U	0.15	U	0.682		0.4	U
02/08/00	G	0.15	U	0.15	U	0.15	U	0.257	J	0.4	U
05/09/00	G	0.15	U	0.15	U,CSL	0.15	U	0.247	J	0.4	U
08/21/00	G	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U

TABLE 9

NPI VOC ANALYTICAL RESULTS FROM MRDS EXTRACTION WELLS EW-1/1R AND EW-2⁽¹⁾

Well ID Sample Date MCL/ES/PAL	Sample Method/ Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
		1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
		None/850/85	U	7/7/0.7	U	5/5/0.5	U	200/200/40	U	5/5/0.5	U
11/15/00	G	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
02/13/01	G	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
05/01/01	G	0.15	U	0.15	U	0.15	U	0.15	U	0.4	U
08/14/01	G	0.38	U	0.38	U	0.26	U	0.2	U	0.837	
11/26/01	G	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
02/18/02	G	0.38	U	0.38	U	0.26	U	0.2	U	0.26	U
05/07/02	G	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
08/13/02	G	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
11/19/02	G	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
02/18/03	G	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
04/10/03	G	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
06/09/03	G	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
07/22/03	G	0.36	U	0.39	U,CSL	0.32	U	0.42	U	0.36	U
10/07/03	G	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
01/09/04	G	0.36	U	0.39	U	0.32	U	0.42	U	0.36	U
02/24/04	G	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/13/04	G	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/14/04	G	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/18/04	G	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
04/11/05	G	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/12/05	G	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
08/09/05	G	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
10/12/05	G	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
11/15/05	NS		(3)		(3)		(3)		(3)		(3)
01/16/06	G	0.5	U	0.5	U	0.45	U	0.42	U	0.5	U
07/24/06	G	0.5	U	0.5	U	0.71	U	0.42	U	0.5	U
10/16/06	G	0.15	U	0.15	U	0.1	U	0.2	U	0.2	U
03/26/07	G	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
06/21/07	G	0.2	U	0.4	U	0.3	U	0.2	U	0.2	U
06/23/08	G	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
09/16/08	G	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
12/15/08	G	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
03/23/09	G	0.2	U	0.4	U	0.3	U	0.2	U	0.4	U
09/21/09	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/05/10	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/28/10	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/04/10	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/15/10	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
04/06/11	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
06/06/11	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
10/17/11	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
12/20/11	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
03/12/12	G	0.4	U	0.4	U	0.3	U	0.5	U	0.4	U
07/01/13	G	0.28	U	0.43	U	0.47	U	0.44	U	0.43	U
12/05/13	G	0.56	U	0.86	U	0.94	U	0.88	U	0.72	U
06/16/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
09/15/14	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
03/23/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
06/15/15	G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U

TABLE 9

NPI VOC ANALYTICAL RESULTS FROM MRDS EXTRACTION WELLS EW-1/1R AND EW-2⁽¹⁾

Well ID	Sample Date	Sample Method/ MCL/ES/PAL	Level	NPI Volatile Organic Compound (VOC) Concentration and Results Qualifier(s)									
				1,1-DCA		1,1-DCE		PCE		1,1,1-TCA		TCE	
				None/850/85		7/7/0.7		5/5/0.5		200/200/40		5/5/0.5	
	09/22/15		G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/07/15		G	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	03/21/16		H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/13/16		H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	06/13/16		L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/05/16		H	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U
	12/05/16		L	0.24	U	0.41	U	0.50	U	0.50	U	0.33	U

TABLE 9

NPI VOC ANALYTICAL RESULTS FROM MRDS EXTRACTION WELLS EW-1/1R AND EW-2⁽¹⁾

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$)/parts per billion (ppb).

Detected concentrations at or above an applicable NR 140 PAL are in red font and italicized.

There are no concentrations at or above an applicable MCL/NR 140 ES.

A = Average of original sample and duplicate. Began this approach in 2014.

B = Compound detected in blank.

CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D = Indicates initial analysis exceeded the calibration range, was diluted and re-analyzed.

Dup = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

E = Concentration exceeds calibration range of instrument.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

J = Estimated concentration below laboratory quantitation level.

MSH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

MSL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

NA = Not analyzed.

ND = Not detected at or above the detection limit.

NS = Not sampled.

R = Unusable.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

SPH = Matrix spike recovery within analytical batch was high. Sample matrix appears similar to your sample; result may be biased high.

SPL = Matrix spike recovery within analytical batch was low. Sample matrix appears similar to your sample; result may be biased low.

U = Compound not detected at or above the detection limit, which is the value shown.

SAMPLE METHOD/LEVEL KEY:

B = Bailer.

G = Grab sample collected from sample tap while the extraction well was pumping groundwater.

HS = HydraSleeve.

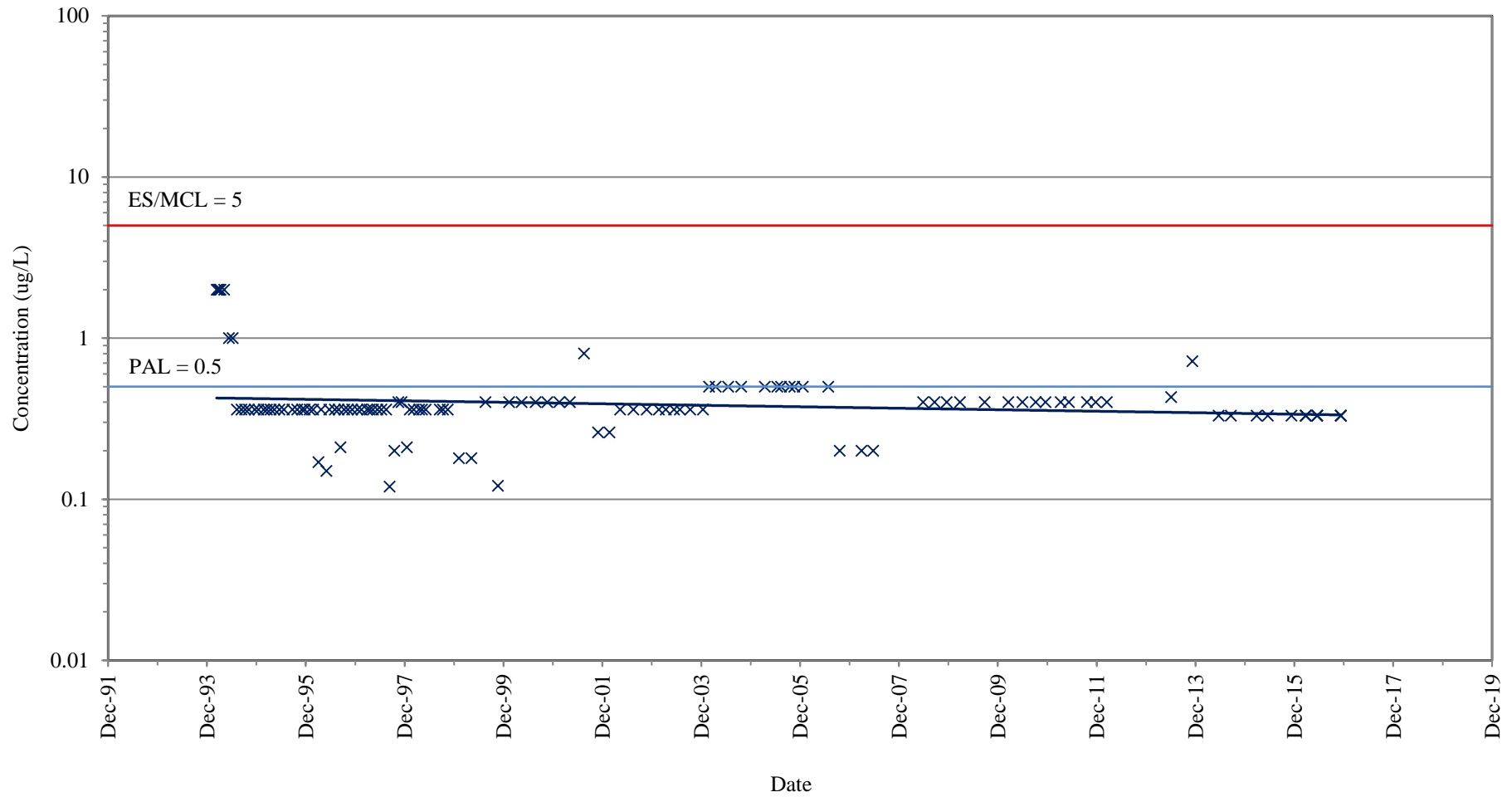
LF = Low flow.

PDB = Passive diffusion bag.

H = PDB or HS in upper portion of saturated screened interval.

M = PDB or HS in middle portion of saturated screened interval.

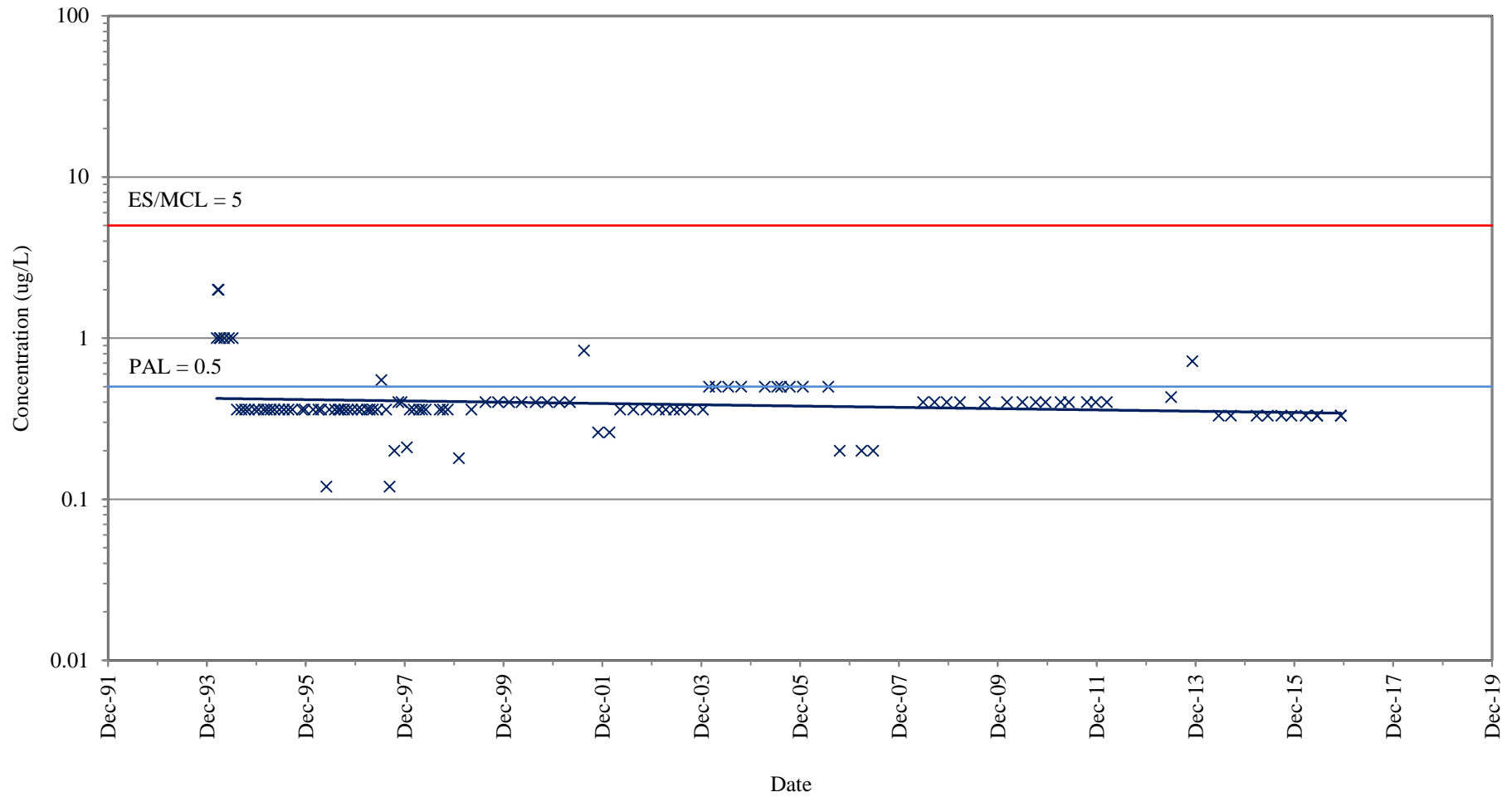
L = PDB or HS in lower portion of saturated screened interval.



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
EW-1/1R (GRID COORDINATE L6)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN



Note: Non-detect concentrations (if any) are plotted at the detection limit and best-fit exponential trend line generated using Excel.

PLUME 1/2 GROUNDWATER TCE CONCENTRATIONS
EW-2 (GRID COORDINATE L6)

NATIONAL PRESTO INDUSTRIES, INC.
 EAU CLAIRE, WISCONSIN

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 10

ANNUAL PUMPAGE FROM NPI EXTRACTION WELLS (MG)

Year	MRDS Operations			Southwest Corner Operations					Combined Discharge to Storm Sewer
	EW-1/1R	EW-2	CAS-1	EW-3	EW-4	EW-5	EW-6	CAS-2/2R	
1994 ⁽¹⁾	42.89	34.34	77.23	30.6	56.91	NI	NI	87.51	164.74
1995	37.41	35.98	73.39	29.8	75.8	NI	NI	105.60	178.99
1996	59.75	48.95	108.7	24.63	87.08	NI	NI	111.71	220.41
1997	59.72	47.96	107.68	22.49	85.17	NI	NI	107.66	215.34
1998 ⁽²⁾	46.45	38.59	85.04	21.22	76.23	NI	NI	97.45	182.49
1999 ⁽³⁾	56.00	46.67	102.67	20.39	71.33	NI	NI	91.72	194.39
2000	55.15	51.11	106.26	21.62	70.67	NI	NI	92.29	198.55
2001	54.24	50.18	104.42	26.26	68.97	NI	NI	95.23	199.65
2002	53.73	50.55	104.28	33.04	69.70	NI	NI	102.74	207.02
2003	53.61	49.36	102.97	21.54	83.60	NI	NI	105.14	208.11
2004	48.38	47.59	95.97	NO	74.23	86.70	NI	160.93	256.90
2005 ⁽⁴⁾	46.24	43.67	89.91	NO	57.82	81.48	NI	139.30	229.21
2006	46.34	43.46	89.8	NO	52.36	74.83	NI	127.19	216.99
2007	42.62	38.99	81.61	NO	43.73	64.46	NI	108.19	189.80
2008	44.19	40.46	84.65	NO	44.06	65.75	NI	109.81	194.46
2009 ⁽⁵⁾	43.30	25.73	69.03	NO	43.41	73.45	NI	116.86	185.89
2010 ⁽⁶⁾	32.88	19.5	52.38	NO	36.12	74.63	NI	110.75	163.13
2011 ^(7,8)	NO	NO	NO	abnd	abnd	88.80	26.77	115.57	115.57
2012 ⁽⁸⁾	NO	NO	NO	abnd	abnd	88.92	103.44	192.36	192.36
2013	NO	NO	NO	abnd	abnd	89.40	99.64	189.04	189.04
2014	NO	NO	NO	abnd	abnd	87.25	97.24	184.49	184.49
2015	NO	NO	NO	abnd	abnd	59.82	89.09	148.91	148.91
2016	NO	NO	NO	abnd	abnd	NO	96.44	96.44	96.44
TOTALS	822.90	713.09	1,535.99	251.59	1,097.19	935.49	512.62	2,796.89	4,332.88

NOTES:

Units are in millions of gallons (MG).

CAS-1 and CAS-2/2R were/are cascade aerators serving the extraction wells shown and discharge to the storm sewer via manhole MH-18.

EW-3 was turned off in August 2003 when its pump failed. The well was abandoned on June 24, 2010.

EW-4 was turned off and abandoned in October 2010.

EW-5 began full-time operation on January 8, 2014, and stopped operating on September 12, 2015.

EW-6 began operating in late October 2011.

abnd = Abandoned and not operating.

NI = Not installed and operating.

NO = Not operated in year shown.

FOOTNOTES:

(1) No pumpage in Jan. and Feb.; full-scale pumping did not begin until March.

(2) Pumpage affected in June and July; pumps were off all or part of these months due to construction at Melby Road and removal of Drywell #2.

(3) Pumpage affected in June for EW-3 and EW-4; pump and meter replaced at EW-3, new flow meter turbine at EW-4.

(4) Pumpage affected in May; pumps were turned off on the 16th and back on the 17th to shock O/W separator and address algae growth.

(5) Pumpage affected in August, November, and December for EW-2 due to pump problems.

(6) Pumpage for EW-2 was affected Jan.-Feb. due to pump problems. EW-4 affected in March-June due to low groundwater elevations. EW-5 affected Oct. 18-Nov. 9 while CAS-2 was replaced and power re-routed. All wells off Sept. 22-27 for O/W separator maintenance.

(7) EW-6 was shut down all or part of October 14-16 and 22-23 for pump tests.

(8) During their 18-month trial shutdown, EW-1R and EW-2 only operated about 15 minutes each per quarter to purge them prior to sampling.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 11

TCA CONCENTRATIONS IN NPI PUMPED GROUNDWATER & ESTIMATED PERCENT REMOVAL BY CASCADE AERATION

Date	FN	MRDS Extraction Wells		CAS-1		Southwest Corner Extraction Wells					CAS-2/2R		Manhole MH-18	
		EW-1/1R	EW-2	Effluent	Percent Removal	EW-3	EW-4	EW-5	EW-6	RQ	Effluent	Percent Removal	Effluent	RQ
05/28/96		6.1	9.3	4.8	36	6	26	NI	NI		12	44	8.4	
06/18/96		7.9	13	6.3	38	7.4	32	NI	NI		17	32	11	
07/30/96		6.2	11	5.7	32	7.8	24	NI	NI		13	37	8.2	
08/26/96		6.4	11	5.5	35	8	28	NI	NI		13	45	8.9	
09/09/96		6.1	11	5.4	35	8.1	28	NI	NI		13	0	9.6	
10/07/96		5.4	10	4.8	36	7.1	28	NI	NI		13	43	9.1	
11/04/96		5.5	9.5	5.3	24	7.9	25	NI	NI		12	44	9	
12/05/96		5.4	9.6	5.2	29	7.3	24	NI	NI		12	41	8.6	
01/13/97		5.1	9.3	4.8	31	7.6	20	NI	NI		11	36	8.1	
02/12/97		5.5	11	4.5	43	7.2	24	NI	NI		12	38	7.3	
03/24/97		5.4	11.6	4.7	43	8.5	27.6	NI	NI		12.2	48	7.8	
04/14/97		4.68	9.62	4.26	38	8.22	24.3	NI	NI		13.1	38	6.69	
05/07/97		4.22	8.94	3.79	40	6.91	26.2	NI	NI		11.1	49	6.97	
06/09/97		4.94	10.8	4.2	44	6.09	23.7	NI	NI		11.8	41	6.99	
07/09/97		5.13	12.5	4.62	45	6.77	23.1	NI	NI		11.7	41	6.78	
08/13/97		4.6	11.4	4.15	46	7.98	20.9	NI	NI		11.2	39	6.7	
09/08/97		5.34	10.2	4.21	44	7.8	24.2	NI	NI		10.9	48	5.83	
10/13/97		4.58	8.33	4.62	26	6.84	15.6	NI	NI		8.17	42	5.53	
11/11/97		4.79	9.27	4.32	36	7.06	16.3	NI	NI		8.79	39	5.79	
12/04/97		5.06	10.01	4.16	43	7.23	16.4	NI	NI		7.92	46	5.54	
01/12/98		3.35	7.17	1.9	62	3.96	10.6	NI	NI		4.73	49	3.4	
02/24/98		4.98	10.5	4.44	40	6.28	15.7	NI	NI		7.57	46	5.03	
03/05/98		3.33	6.81	3.25	33	3.58	11.2	NI	NI		5.17	48	3.51	
04/14/98		2.66	6.21	2.31	46	2.77	11.1	NI	NI		4.74	51	3.27	
05/04/98		4.38	9.06	3.54	45	3.45	15.9	NI	NI		7.48	46	5.25	
06/02/98	(1)	3.09	6.99	2.63	46	2.08	9.79	NI	NI		5.17	37	3.84	
07/22/98	(1)	NO	NO	NO	na	2.3	10.5	NI	NI		4.82	45	4.02	
08/05/98	(1)	NS	NS	NS	NS	2.66	11.4	NI	NI		6.08	36	4.15	
09/14/98		4.51	8.46	4.17	35	2.09	11.1	NI	NI		5.12	43	3.65	
10/07/98		5.07	9.38	4.01	43	1.82	10.5	NI	NI		4.96	42	3.37	
11/11/98		4.12	7.26	3	46	1.68	10	NI	NI		4.3	47	ND	
02/09/99		2.88	5.6	2.34	44	1.36	10.1	NI	NI		4.71	42	2.64	
05/04/99		2.05	3.29	1.56	24	0.917	10	NI	NI		4.24	45	1.56	
08/16/99		1.68	1.48	0.934	41	0.899	9.87	NI	NI		4.24	45	2.18	
11/17/99		1.3	0.682	0.716	29	0.96	10.8	NI	NI		4.26	50	1.89	
02/08/00		0.685	0.257 J	0.302 J	37	0.477 J	7.71	NI	NI		3.38	44	1.28	
05/09/00		0.678	0.247 J	0.272 J	42	0.545	8.65	NI	NI		3.14	55	1.48	
08/21/00		0.374 J	0.15 U	0.15 U	--	0.712	8.14	NI	NI		3.62	44	1.38	
11/15/00		0.307 J	0.15 U	0.15 U	--	0.558	8.04	NI	NI		2.95	52	1.25	
02/13/01		0.225 J	0.15 U	0.15 U	--	0.584	7.1	NI	NI		2.96	45	1.31	
05/01/01		0.15 U	0.15 U	0.15 U	N	0.184	6.29	NI	NI		2.38	49	0.561	
08/14/01		0.2 U	0.2 U	0.2 U	N	0.583 J	6.01	NI	NI		2.45	46	0.885	
11/26/01		0.2 U	0.2 U	0.2 U	N	0.265 J	5.84	NI	NI		1.87	55	0.562	J
02/18/02		0.2 U	0.2 U	0.2 U	N	0.2 U	6.39	NI	NI		1.72	61	0.262	J
05/07/02		0.42 U	0.42 U	0.42 U	N	0.433 J	8.05	NI	NI		3.14	44	1.13	J

TABLE 11

TCA CONCENTRATIONS IN NPI PUMPED GROUNDWATER & ESTIMATED PERCENT REMOVAL BY CASCADE AERATION

Date	FN	MRDS		CAS-1		Southwest Corner					CAS-2/2R		Manhole		
		Extraction Wells		Effluent	Percent Removal	Extraction Wells					Effluent	Percent Removal	MH-18	Effluent	RQ
		EW-1/1R	EW-2			EW-3	EW-4	EW-5	EW-6	RQ					
08/13/02		0.42 U	0.42 U	0.42 U	N	0.519 J	9.75	NI	NI		3.69	45	1.56		
11/19/02		0.42 U	0.42 U	0.42 U	N	0.42 U	7.79	NI	NI		2.74	48	1.11	J	
02/18/03		0.42 U	0.42 U	0.42 U	N	0.42 U	7.32	NI	NI		2.54	48	0.891		
04/10/03		0.42 U	0.42 U	NS	--	0.42 U	7.34	NI	NI		NS	--	NS		
06/09/03		0.42 U	0.42 U	0.42 U	N	0.42 U	6.05	NI	NI		2.5	38	0.938	J	
09/09/03		0.42 U	0.42 U	0.42 U	N	NO	6.52	NI	NI		3.73	43	1.62		
12/01/03		0.42 U	0.42 U	0.42 U	N	NO	6.26	NI	NI		4.01	36	1.48		
01/09/04		0.42 U	0.42 U	0.42 U	N	NO	5.66	0.42 U	NI		1.56	57	0.861	J	
04/16/04		0.42 U	0.42 U	0.42 U	N	NO	9.30	0.42 U	NI		2.68	41	1.23	J	
07/20/04		0.42 U	0.42 U	0.42 U	N	NO	9.95	0.42 U	NI		2.53	44	1.28	J	
10/11/04		0.42 U	0.42 U	0.42 U	N	NO	8.33	0.42 U	NI		2.06	46	1.03	J	
01/04/05		0.42 U	0.42 U	0.42 U	N	NO	6.83	0.42 U	NI		1.54	48	0.689	J	
01/18/05		0.42 U	0.42 U	NS	--	NO	6.68	0.42 U	NI		NS	--	NS		
04/05/05		0.42 U	0.42 U	0.42 U	N	NO	7.34	0.42 U	NI		1.55	51	0.758	J	
04/11/05		0.42 U	0.42 U	NS	--	NO	6.96	0.42 U	NI		NS	--	NS		
07/12/05		0.42 U	0.42 U	NS	--	NO	7.44	0.42 U	NI		NS	--	NS		
08/09/05		0.42 U	0.42 U	0.42 U	N	NO	7.91	0.42 U	NI		1.79	48	0.848	J	
10/12/05		0.42 U	0.42 U	NS	--	NO	7.24	0.42 U	NI		NS	--	NS		
11/15/05		0.42 U	(2)	0.42 U	N	NO	7.39	0.42 U	NI		1.64	49	0.925	J	
01/16/06		0.42 U	0.42 U	0.42 U	N	NO	6.25	0.42 U	NI		1.41	47	0.57	J	
04/18/06		0.42 U	0.42 U	0.42 U	N	NO	6.32	0.42 U	NI		1.75	43	1.00	J	
07/24/06		0.42 U	0.42 U	0.42 U	N	NO	5.28	0.42 U	NI		1.21 J	47	0.88	J	
10/16/06		0.20 U	0.20 U	0.20 U	N	NO	5.95	0.35 J	NI		1.42	44	0.66	J	
03/26/07		0.20 U	0.20 U	0.20 U	N	NO	6.10	0.20 U	NI		0.20 U	--	0.2	U	
06/18/07	(3)	NS	NS	NS	--	NO	5.23	0.41 J	NI		1.35	45	1.02		
06/21/07		0.20 U	0.20 U	NS	--	NO	NS	NS	NI		NS	--	NS		
09/25/07		0.27 J	0.20 U	0.20 U	--	NO	5.13	0.47 J	NI		1.34	39	0.77		
11/12/07		0.28 J	0.20 U	0.20 U	--	NO	5.37	0.49 J	NI		1.44	44	0.84		
03/11/08		0.25 J	0.20 U	0.20 U	--	NO	4.90	0.45 J	NI		1.32	41	0.82		
06/23/08		0.28 J	0.20 U	0.20 U	--	NO	5.28	0.37 J	NI		1.38	39	0.87		
09/16/08		0.28 J	0.20 U	0.20 U	--	NO	5.04	0.32 J	NI		1.32	42	0.90		
12/15/08		0.20 U	0.20 U	0.20 U	N	NO	4.66	0.22 J	NI		1.40	32	0.92		
03/23/09		0.20 U	0.20 U	0.20 U	N	NO	4.62	0.20 U	NI		1.36	30	0.77		
06/15/09		0.50 U	0.50 U	0.50 U	N	NO	4.13	0.50 U	NI		1.36 J	24	0.91	J	
09/21/09	(4)	0.50 U	0.50 U	0.50 U	N	NO	6.61	0.50 U	NI		1.49 J	40	0.88	J	
11/30/09	(4)	0.50 U	NO	0.50 U	N	NO	5.56	0.50 U	NI		1.37 J	35	0.91	J	
03/15/10		0.50 U	0.50 U	0.50 U	N	NO	4.65	0.50 U	NI		0.96 J	30	0.51	J	
06/28/10		0.50 U	0.50 U	0.50 U	N	abnd	2.60	1.76	NI		1.32 J	35	0.91	J	
10/04/10		0.50 U	0.50 U	0.50 U	N	abnd	2.46	0.50 U	NI		0.84 J	30	0.61	J	
12/15/10	(5)	NO	NO	NO	na	abnd	abnd	0.50 U	NI		0.50 U	N	0.25	U	
03/28/11	(5)	NO	NO	NO	na	abnd	abnd	0.79 J	NI		NS	34	0.52	J	
06/06/11	(5)	NO	NO	NO	na	abnd	abnd	1.03 J	NI		NS	36	0.66	J	
09/23/11	(5)	NO	NO	NO	na	abnd	abnd	NS	2.80 U		NS	--	NS		
10/17/11	(5)	NO	NO	NO	na	abnd	abnd	1.24 J	4.65		NS	40	1.83		
10/28/11	(5)	NO	NO	NO	na	abnd	abnd	NS	0.30 U		NS	--	NS		
12/20/11	(5)	NO	NO	NO	na	abnd	abnd	0.81 J	3.85		NS	37	1.53	J	
03/12/12	(5)	NO	NO	NO	na	abnd	abnd	0.61 J	3.64		NS	27	1.65	J	
06/25/12	(5)	NO	NO	NO	na	abnd	abnd	0.90 U	2.4		NS	30	1.2		

TABLE 11

TCA CONCENTRATIONS IN NPI PUMPED GROUNDWATER & ESTIMATED PERCENT REMOVAL BY CASCADE AERATION

Date	FN	MRDS Extraction Wells		CAS-1		Southwest Corner Extraction Wells					CAS-2/2R		Manhole MH-18	
		EW-1/1R	EW-2	Effluent	Percent Removal	EW-3	EW-4	EW-5	EW-6	RQ	Effluent	Percent Removal	Effluent	RQ
10/09/12	(5)	NO	NO	NO	na	abnd	abnd	NO	1.7		NS	47	0.90	U
12/05/12	(5)	NO	NO	NO	na	abnd	abnd	NO	2.1		NS	57	0.90	U
04/01/13		NO	NO	NO	na	abnd	abnd	NO	1.6		NS	44	0.90	U
07/01/13		NO	NO	NO	na	abnd	abnd	NO	3.9		NS	21	3.4	
10/15/13		NO	NO	NO	na	abnd	abnd	NO	NS		NS	--	NS	
12/04/13		NO	NO	NO	na	abnd	abnd	NO	1.2		NS	48	0.42	J
04/14/14		NO	NO	NO	na	abnd	abnd	NO	1.4		NS	49	0.50	U
06/17/14		NO	NO	NO	na	abnd	abnd	NO	1.5		NS	44	0.59	J
09/18/14		NO	NO	NO	na	abnd	abnd	NO	1.2		NS	42	0.50	U
12/02/14		NO	NO	NO	na	abnd	abnd	NO	1.2		NS	42	0.50	U
03/23/15		NO	NO	NO	na	abnd	abnd	NO	1.2		NS	21	0.68	J
06/15/15		NO	NO	NO	na	abnd	abnd	NO	1.4		NS	38	0.60	J
09/22/15		NO	NO	NO	na	abnd	abnd	NO	1.4		NS	23	0.89	J
12/07/15		NO	NO	NO	na	abnd	abnd	NO	0.86	J	NS	-5	0.90	J
03/21/16		NO	NO	NO	na	abnd	abnd	NO	1.3		NS	36	0.83	J
06/13/16		NO	NO	NO	na	abnd	abnd	NO	1.5		NS	33	1.0	
08/30/16		NO	NO	NO	na	abnd	abnd	NO	1.1		NS	37	0.69	J
12/06/16		NO	NO	NO	na	abnd	abnd	NO	1.2		NS	42	0.70	J

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g}/\ell$) and sampling frequency was reduced to quarterly after November 1998.

abnd = Abandoned and not operating.

FN = Footnotes (see below, if any).

J = Estimated concentration below laboratory quantitation level.

N = No removal needed as influent concentrations were below the detection limit.

na = Not applicable.

NI = Not installed and operating.

NO = Not operating.

NS = Not sampled.

RQ = Results qualifier.

U = Compound not detected at or above this value, which is the detection limit.

-- = Percent removal not estimated due to U value(s), NS, etc.

FOOTNOTES:

(1) In 1998, EW-1R and E-2 were shut down June 4 due to construction at the MRDS and restarted August 11. EW-3 and E-4 were shut down June 4 due to excavation at Dry Well #2 and restarted July 15 and July 20, respectively.

(2) EW-2 pump down for repairs on 11/15/05.

(3) EW-1R and EW-2 were shut down June 6-20, 2007, to evaluate groundwater flow under non-pumping conditions.

(4) EW-2 pumpage affected in August, November, and December 2009 due to pump problems.

(5) EW-1R and EW-2 only operated about 15 minutes each per quarter to purge them prior to sampling 12/15/10-12/05/12 (see Table 9 for data).

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 12

TCE CONCENTRATIONS IN NPI PUMPED GROUNDWATER & ESTIMATED PERCENT REMOVAL BY CASCADE AERATION

Date	FN	MRDS		CAS-1		Southwest Corner					CAS-2/2R		Manhole		
		Extraction Wells		Effluent	Percent Removal	Extraction Wells					Effluent	Percent Removal	MH-18	Effluent	RQ
		EW-1/1R	EW-2			EW-3	EW-4	EW-5	EW-6	RQ					
05/28/96		0.15	0.12	ND	--	5.1	2.9	NI	NI		1.9	44	1.5		
06/18/96		ND	ND	ND	N	5.8	3.1	NI	NI		2.3	40	5.9		
07/30/96		ND	ND	ND	N	5.9	2.2	NI	NI		2.2	26	2		
08/26/96		ND	ND	ND	N	6.3	2.4	NI	NI		1.9	41	2.2		
09/09/96		0.21	ND	ND	--	7.1	2.5	NI	NI		0.16 U	73	1.3		
10/07/96		ND	ND	ND	N	5.7	2.1	NI	NI		1.8	39	1.1		
11/04/96		ND	ND	ND	N	6.3	2.3	NI	NI		1.9	39	1.2		
12/05/96		ND	ND	ND	N	5.8	2.4	NI	NI		1.9	39	1.2		
01/13/97		ND	ND	ND	N	6.4	2	NI	NI		2	33	1.3		
02/12/97		ND	ND	ND	N	6.1	2.7	NI	NI		2.1	42	0.97		
03/24/97		ND	ND	ND	N	7.2	2.16	NI	NI		1.74	46	0.771		
04/14/97		ND	ND	ND	N	7.67	1.66	NI	NI		1.99	31	0.71		
05/07/97		ND	ND	ND	N	6.29	1.76	NI	NI		1.64	42	0.62		
06/09/97		ND	ND	ND	N	5.62	1.7	NI	NI		1.63	36	0.642		
07/09/97		ND	ND	ND	N	5.27	1.28	NI	NI		1.28	38	0.435		
08/13/97		ND	ND	ND	N	5.37	1.18	NI	NI		1.18	41	0.3		
09/08/97		ND	ND	ND	N	6.15	1.74	NI	NI		1.41	45	0.46		
10/13/97		ND	ND	ND	N	7.41	1.72	NI	NI		1.76	36	0.772		
11/11/97		ND	ND	ND	N	8.96	1.89	NI	NI		2.18	34	0.986		
12/04/97		ND	ND	ND	N	9.2	1.92	NI	NI		2.09	38	1.03		
01/12/98		ND	ND	ND	N	5.37	1.14	NI	NI		1.17	42	0.48		
02/24/98		ND	ND	ND	N	8.11	1.94	NI	NI		1.68	45	0.753		
03/05/98		ND	ND	ND	N	4.86	1.29	NI	NI		1.08	44	0.45		
04/14/98		ND	ND	ND	N	4.04	1.21	NI	NI		0.834	50	0.36	U	
05/14/98		ND	ND	ND	N	5.21	2.02	NI	NI		1.3	49	0.554		
06/02/98	(1)	ND	ND	ND	N	3.17	0.88	NI	NI		0.88	34	0.392		
07/22/98	(1)	NO	NO	NO	na	6.18	1.3	NI	NI		1.5	37	1.28		
08/05/98	(1)	NS	NS	NS	NS	4.89	1.35	NI	NI		1.41	34	1.04		
09/14/98		ND	ND	ND	N	3.27	1.42	NI	NI		1.17	36	0.854		
10/07/98		ND	ND	ND	N	2.67	1.39	NI	NI		1.05	37	0.492		
11/11/98		ND	ND	ND	N	2.31	1.46	NI	NI		0.936	43	0.471		
02/09/99		ND	ND	ND	N	2.21	1.6	NI	NI		1.14	34	0.498		
05/04/99		ND	ND	ND	N	1.83	1.47	NI	NI		0.923 J	41	0.409		
08/16/99		ND	ND	ND	N	2.87	1.33	NI	NI		1.03	39	0.487		
11/17/99		0.121 J	ND	ND	N	3.37	1.5	NI	NI		1.13	41	0.382		
02/08/00		ND	ND	ND	N	2.04	1.27	NI	NI		0.845 J	42	0.4	U	
05/09/00		ND	ND	ND	N	2.07	1.48	NI	NI		0.732 J	54	0.4	U	
08/21/00		ND	ND	ND	N	3.01	1.31 J	NI	NI		0.996 J	41	0.441	J	
11/15/00		ND	ND	ND	N	3.75	1.43	NI	NI		1.15 J	43	0.511	J	
02/13/01		0.4 U	0.4 U	0.4 U	N	3.9	1.34	NI	NI		1.10 J	45	0.539	J	
05/01/01		0.4 U	0.4 U	0.4 U	N	3.62	1.95	NI	NI		1.44	40	0.562	J	
08/14/01		0.803 J	0.837 J	0.667 J	19	4.78	2.29	NI	NI		2.35	21	1.28		
11/26/01		0.26 U	0.26 U	0.26 U	N	3.36	0.962	NI	NI		0.872	49	0.26	U	
02/18/02		0.26 U	0.26 U	0.26 U	N	3.15	1.48	NI	NI		1.2	40	0.524		
05/07/02		0.36 U	0.36 U	0.36 U	N	2.96	1.82	NI	NI		1.07 J	51	0.385	J	

TABLE 12

TCE CONCENTRATIONS IN NPI PUMPED GROUNDWATER & ESTIMATED PERCENT REMOVAL BY CASCADE AERATION

Date	FN	MRDS		CAS-1		Southwest Corner					CAS-2/2R		Manhole		
		Extraction Wells		Effluent	Percent Removal	Extraction Wells					Effluent	Percent Removal	MH-18	Effluent	RQ
		EW-1/1R	EW-2			EW-3	EW-4	EW-5	EW-6	RQ					
08/13/02		0.36 U	0.36 U	0.36 U	N	3.16	1.83	NI	NI		1.34	41	0.624	J	
11/19/02		0.36 U	0.36 U	0.36 U	N	3.09	1.07 J	NI	NI		0.931 J	46	0.36	U	
02/18/03		0.36 U	0.36 U	0.36 U	N	4.41	1.25	NI	NI		1.12 J	52	0.418	J	
04/10/03		0.36 U	0.36 U	NS	--	3.84	1.24	NI	NI		NS	--	NS		
06/09/03		0.36 U	0.36 U	0.36 U	N	2.72	1.29	NI	NI		1.09	39	0.371	J	
09/09/03		0.36 U	0.36 U	0.36 U	N	NO	1.43	NI	NI		0.931 J	35	0.433	J	
12/01/03		0.36 U	0.36 U	0.36 U	N	NO	1.82	NI	NI		1.39	24	0.589	J	
01/09/04		0.36 U	0.36 U	0.36 U	N	NO	1.25	0.36 U	NI		0.36 U	47	0.36	U	
04/06/04		0.5 U	0.5 U	0.5 U	N	NO	1.56 J	1.13 J	NI		0.805 J	39	0.5	U	
07/20/04		0.5 U	0.5 U	0.5 U	N	NO	1.67 J	1.29 J	NI		0.991 J	32	0.5	U	
10/11/04		0.5 U	0.5 U	0.5 U	N	NO	1.65 J	1.18 J	NI		0.825 J	40	0.5	U	
01/04/05		0.5 U	0.5 U	0.5 U	N	NO	0.989 J	0.845 J	NI		0.527 J	41	0.5	U	
01/18/05		0.5 U	0.5 U	NS	--	NO	0.961 J	0.857 J	NI		NS	--	NS		
04/05/05		0.5 U	0.5 U	0.5 U	N	NO	1.11 J	0.917 J	NI		0.549 J	45	0.5	U	
04/11/05		0.5 U	0.5 U	NS	--	NO	1.09 J	0.912 J	NI		NS	--	NS		
07/12/05		0.5 U	0.5 U	NS	--	NO	1.17 J	0.917 J	NI		NS	--	NS		
08/09/05		0.5 U	0.5 U	0.5 U	N	NO	1.21 J	1.00 J	NI		0.675 J	38	0.5	U	
10/12/05		0.5 U	0.5 U	NS	--	NO	1.11 J	0.894 J	NI		NS	--	NS		
11/15/05		0.5 U	(2)	0.5 U	N	NO	1.14 J	1.06 J	NI		0.639 J	41	0.5	U	
01/16/06		0.5 U	0.5 U	0.5 U	N	NO	1.00 J	0.826 J	NI		0.5 U	45	0.5	U	
04/18/06		0.5 U	0.5 U	0.5 U	N	NO	1.48 J	1.38 J	NI		1.05 J	26	0.5	U	
07/24/06		0.5 U	0.5 U	0.5 U	N	NO	1.05 J	0.98 J	NI		0.65 J	36	0.60	J	
10/16/06		0.20 U	0.20 U	0.20 U	N	NO	0.80	0.81	NI		0.48 J	41	0.20	J	
03/26/07		0.20 U	0.20 U	0.20 U	N	NO	1.05	1.08	NI		0.73	32	0.44	J	
06/18/07	(3)	NS	NS	NS	--	NO	0.96	1.07	NI		0.64 J	37	0.53	J	
06/21/07		0.20 U	0.20 U	NS	--	NO	NS	NS	NI		NS	--	NS		
09/25/07		0.20 U	0.20 U	0.20 U	N	NO	0.93	1.09	NI		0.71	31	0.46	J	
11/12/07		0.20 U	0.20 U	0.20 U	N	NO	0.82	0.99	NI		0.64 J	31	0.40	J	
03/11/08		0.40 U	0.40 U	0.40 U	N	NO	0.81 J	0.99 J	NI		0.60 J	34.6	0.40	U	
06/23/08		0.40 U	0.40 U	0.40 U	N	NO	0.95 J	1.18 J	NI		0.70 J	36	0.48	J	
09/16/08		0.40 U	0.40 U	0.40 U	N	NO	0.85 J	1.03 J	NI		0.63 J	34.2	0.44	J	
12/15/08		0.40 U	0.40 U	0.40 U	N	NO	1.13 J	1.18 J	NI		0.77 J	33.5	0.49	J	
03/23/09		0.40 U	0.40 U	0.40 U	N	NO	1.07 J	0.98 J	NI		0.79 J	23	0.58	J	
06/15/09		0.40 U	0.40 U	0.40 U	N	NO	0.40 U	1.25 J	NI		0.94 J	50	0.40	U	
09/21/09	(4)	0.40 U	0.40 U	0.40 U	N	NO	1.07 J	1.22 J	NI		0.76 J	35	0.48	J	
11/30/09	(4)	0.40 U	NO	0.40 U	N	NO	1.12 J	1.23 J	NI		0.86 J	33	0.67	J	
03/15/10		0.40 U	0.40 U	0.40 U	N	NO	0.98 J	1.13 J	NI		0.82 J	34	0.45	J	
06/28/10		0.40 U	0.40 U	0.40 U	N	abnd	0.47 J	0.96 J	NI		0.42 J	48	0.40	U	
10/04/10		0.40 U	0.40 U	0.40 U	N	abnd	0.96 J	1.33	NI		0.77 J	34	0.57	J	
12/15/10	(5)	NO	NO	NO	na	abnd	abnd	1.03 J	NI		0.72 J	30	0.72	J	
03/28/11	(5)	NO	NO	NO	na	abnd	abnd	0.82 J	NI		NS	34	0.54	J	
06/06/11	(5)	NO	NO	NO	na	abnd	abnd	0.88 J	NI		NS	23	0.68	J	
09/23/11	(5)	NO	NO	NO	na	abnd	abnd	NS	2.27		NS	--	NS		
10/17/11	(5)	NO	NO	NO	na	abnd	abnd	0.92 J	1.65		NS	33	0.87	J	
10/28/11	(5)	NO	NO	NO	na	abnd	abnd	NS	1.34		NS	--	NS		
12/20/11	(5)	NO	NO	NO	na	abnd	abnd	0.87 J	1.42		NS	29	0.83	J	
03/12/12	(5)	NO	NO	NO	na	abnd	abnd	0.83 J	1.17 J		NS	12	0.89	J	
06/25/12	(5)	NO	NO	NO	na	abnd	abnd	0.78 J	1.1		NS	14	0.82	J	

TABLE 12

TCE CONCENTRATIONS IN NPI PUMPED GROUNDWATER & ESTIMATED PERCENT REMOVAL BY CASCADE AERATION

Date	FN	MRDS		CAS-1		Southwest Corner					CAS-2/2R		Manhole	
		Extraction Wells		Effluent	Percent Removal	Extraction Wells					Effluent	Percent Removal	MH-18	RQ
		EW-1/1R	EW-2			EW-3	EW-4	EW-5	EW-6	RQ				
10/09/12	(5)	NO	NO	NO	na	abnd	abnd	NO	1.1		NS	13	0.84	J
12/05/12	(5)	NO	NO	NO	na	abnd	abnd	NO	0.91	J	NS	21	0.62	J
04/01/13		NO	NO	NO	na	abnd	abnd	NO	0.87	J	NS	14	0.71	J
07/02/13		NO	NO	NO	na	abnd	abnd	NO	0.79	J	NS	9	0.65	J
10/15/13		NO	NO	NO	na	abnd	abnd	NO	NS		NS	--	0.63	J
12/04/13		NO	NO	NO	na	abnd	abnd	NO	0.83	J	NS	42	0.42	J
04/14/14		NO	NO	NO	na	abnd	abnd	NO	0.73	J	NS	46	0.36	J
06/17/14		NO	NO	NO	na	abnd	abnd	NO	0.85	J	NS	28	0.55	J
09/18/14		NO	NO	NO	na	abnd	abnd	NO	0.71	J	NS	27	0.45	J
12/02/14		NO	NO	NO	na	abnd	abnd	NO	0.79	J	NS	28	0.49	J
03/23/15		NO	NO	NO	na	abnd	abnd	NO	0.99	J	NS	29	0.47	J
06/15/15		NO	NO	NO	na	abnd	abnd	NO	0.71	J	NS	-25	0.70	J
09/22/15		NO	NO	NO	na	abnd	abnd	NO	0.79	J	NS	18	0.55	J
12/07/15		NO	NO	NO	na	abnd	abnd	NO	0.58	J	NS	-5	0.61	J
03/21/16		NO	NO	NO	na	abnd	abnd	NO	0.75	J	NS	36	0.48	J
06/13/16		NO	NO	NO	na	abnd	abnd	NO	0.81	J	NS	20	0.65	J
08/30/16		NO	NO	NO	na	abnd	abnd	NO	0.73	J	NS	30	0.51	J
12/06/16		NO	NO	NO	na	abnd	abnd	NO	0.70	J	NS	23	0.54	J

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g}/\ell$) and sampling frequency was reduced to quarterly after November 1998.

abnd = Abandoned and not operating.

FN = Footnotes (see below, if any).

J = Estimated concentration below laboratory quantitation level.

N = No removal needed as influent concentrations were below the detection limit.

na = Not applicable.

NI = Not installed and operating.

NO = Not operating.

NS = Not sampled.

RQ = Results qualifier.

U = Compound not detected at or above this value, which is the detection limit.

-- = Percent removal not estimated due to ND input, U value(s), NS, etc.

FOOTNOTES:

(1) In 1998, EW-1R and E-2 were shut down June 4 due to construction at the MRDS and restarted August 11. EW-3 and E-4 were shut down June 4 due to excavation at Dry Well #2 and restarted July 15 and July 20, respectively.

(2) EW-2 pump down for repairs on 11/15/05.

(3) EW-1R and EW-2 were shut down June 6-20, 2007, to evaluate groundwater flow under non-pumping conditions.

(4) EW-2 pumpage affected in August, November, and December 2009 due to pump problems.

(5) EW-1R and EW-2 only operated about 15 minutes each per quarter to purge them prior to sampling 12/15/10-12/05/12 (see Table 9 for data).

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 13

SUMMARY OF RESULTS FROM MANHOLE MH-18 SAMPLING

Method (units) Analyte/Parameter	Date				Date				Date				Date	
	3/26/07	6/18/07	9/26/07	11/12/07	3/11/08	6/23/08	9/16/08	12/15/08	3/23/09	6/15/09	9/21/09	12/2/09	3/15/10	6/28/10
EPA 150.1 (standard units)														
Field pH	NA	NA	6.75	NA	NA	NA	6.64	NA	NA	NA	NA	7.07	NA	NA
EPA 6010 (mg/L)														
Hardness as CaCO3	NA	NA	45.8	NA	NA	NA	48.0	NA	NA	NA	NA	48.2	NA	NA
EPA 6010/6020 (µg/L)														
Total Arsenic	NA	NA	<0.60	NA	NA	NA	NA	NA	NA	NA	NA	<0.60	NA	NA
Total Cadmium	NA	NA	5.20	NA	NA	NA	5.73	NA	NA	NA	NA	4.96	NA	NA
Total Chromium	NA	NA	2.06 J	NA	NA	NA	NA	NA	NA	NA	NA	<1.60	NA	NA
Total Copper	NA	NA	1.12 J	NA	NA	NA	NA	NA	NA	NA	NA	0.76 J	NA	NA
Total Lead	NA	NA	<0.30	NA	NA	NA	NA	NA	NA	NA	NA	<0.30	NA	NA
Total Nickel	NA	NA	31.0	NA	NA	NA	32.4	NA	NA	NA	NA	42.9	NA	NA
Total Selenium	NA	NA	2.60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Silver	NA	NA	<0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Zinc	NA	NA	34.4	NA	NA	NA	35.3	NA	NA	NA	NA	32.2	NA	NA
Trivalent Chromium	NA	NA	<4.00	NA	NA	NA	NA	NA	NA	NA	NA	<1.60	NA	NA
EPA 7196A (mg/L)														
Hexavalent Chromium	NA	NA	<0.004 HT	NA	NA	NA	NA	NA	NA	NA	NA	<0.004	NA	NA
EPA 8021/8260 (µg/L)														
1,1,1-Trichloroethane	<0.20	1.02	0.77	0.84	0.82	0.87	0.90	0.92	0.77	0.91 J	0.88 J	0.91 J	0.51 J	0.91 J
1,1-Dichloroethane	<0.20	0.22 J	<0.20	0.21 J	0.26 J	0.23 J	0.26 J, S1L, S2L	<0.20	0.24 J	0.42 J	<0.40	<0.40	<0.40	<0.40
1,1-Dichloroethylene	<0.20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Tetrachloroethylene	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Trichloroethylene	0.44 J	0.53 J	0.46 J	0.40 J	<0.40	0.48 J	0.44 J	0.49 J	0.58 J	<0.40	0.48 J	0.67 J	0.45 J	<0.40
EPA 8270/8310 (µg/L)														
Acenaphthene	NA	NA	<0.062	NA	NA	NA	<0.060	NA	NA	NA	NA	<0.122	NA	NA
Acenaphthylene	NA	NA	<0.062	NA	NA	NA	<0.060	NA	NA	NA	NA	<0.122	NA	NA
Anthracene	NA	NA	<0.094	NA	NA	NA	<0.090	NA	NA	NA	NA	<0.092	NA	NA
Benzo(a)Anthracene	NA	NA	<0.104	NA	NA	NA	<0.100	NA	NA	NA	NA	<0.102	NA	NA
Benzo(a)Pyrene	NA	NA	<0.021	NA	NA	NA	<0.020	NA	NA	NA	NA	<0.020	NA	NA
Benzo(b)Fluoranthene	NA	NA	<0.021	NA	NA	NA	<0.020	NA	NA	NA	NA	<0.041	NA	NA
Benzo(ghi)Perylene	NA	NA	<0.062	NA	NA	NA	<0.060	NA	NA	NA	NA	<0.061	NA	NA

Gannett Fleming

Benzo(k)Fluoranthene	NA	NA	<0.073	NA	NA	NA	<0.070	NA	NA	NA	NA	<0.071	NA	NA
Chrysene	NA	NA	<0.021	NA	NA	NA	<0.020	NA	NA	NA	NA	<0.031	NA	NA
Dibenzo(a,h)Anthracene	NA	NA	<0.115	NA	NA	NA	<0.110	NA	NA	NA	NA	<0.112	NA	NA
Fluoranthene	NA	NA	<0.125	NA	NA	NA	<0.120	NA	NA	NA	NA	<0.122	NA	NA
Fluorene	NA	NA	<0.125	NA	NA	NA	<0.120	NA	NA	NA	NA	<0.122	NA	NA
Indeno(1,2,3-cd)Pyrene	NA	NA	<0.125	NA	NA	NA	<0.120	NA	NA	NA	NA	<0.122	NA	NA
1-Methyl Naphthalene	NA	NA	<0.083	NA	NA	NA	<0.080	NA	NA	NA	NA	<0.082	NA	NA
2-Methyl Naphthalene	NA	NA	<0.115	NA	NA	NA	<0.110	NA	NA	NA	NA	<0.112	NA	NA
Naphthalene	NA	NA	<0.115	NA	NA	NA	<0.110	NA	NA	NA	NA	<0.112	NA	NA
Phenanthrene	NA	NA	<0.115	NA	NA	NA	<0.110	NA	NA	NA	NA	<0.112	NA	NA
Pyrene	NA	NA	<0.104	NA	NA	NA	<0.100	NA	NA	NA	NA	<0.102	NA	NA

Method (units) Analyte/Parameter	Date		Date				Date			
	10/4/10	12/16/10	3/28/11	6/6/11	10/19/11	12/20/11	3/12/12	6/25/12	10/9/12	12/5/12
EPA 150.1 (standard units)										
Field pH	NA	6.79	NA	NA	6.64	NA	NA	NA	NA	7.4
EPA 6010 (mg/L)										
Hardness as CaCO3	NA	52.6	NA	NA	54.4	NA	NA	NA	NA	51.9
EPA 6010/6020 (µg/L)										
Total Arsenic	NA	<0.60	NA	NA	NA	NA	NA	NA	NA	NA
Total Cadmium	NA	0.23 J	NA	NA	<0.20	NA	NA	NA	NA	0.42 J
Total Chromium	NA	2.13 J	NA	NA	2.19 J	NA	NA	NA	NA	NA
Total Copper	NA	2.33	NA	NA	0.94 J	NA	NA	NA	NA	NA
Total Lead	NA	<0.30	NA	NA	<0.30	NA	NA	NA	NA	NA
Total Nickel	NA	34.7	NA	NA	18.2	NA	NA	NA	NA	16.8
Total Selenium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Zinc	NA	39.7	NA	NA	39.4	NA	NA	NA	NA	17.7 J
Trivalent Chromium	NA	2.13	NA	NA	NA	NA	NA	NA	NA	NA
EPA 7196A (mg/L)										
Hexavalent Chromium	NA	NA	NA	NA	<0.004	NA	NA	NA	NA	NA
EPA 8021/8260 (µg/L)										
1,1,1-Trichloroethane	0.61 J	<0.50	0.52 J	0.66 J	1.83	1.53 J	1.65 J	1.2	<0.90	<0.90
1,1-Dichloroethane	<0.40	<0.40	<0.40	<0.40	0.62 J	<0.40	<0.40	<0.75	<0.75	<0.75
1,1-Dichloroethylene	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.57	<0.57	<0.57
Tetrachloroethylene	<0.30 CSH	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.45	<0.45	<0.45
Trichloroethylene	0.57 J	0.72 J	0.54 J	0.68 J	0.87 J	0.83 J	0.89 J	0.82 J	0.84 J	0.62 J
EPA 8270/8310 (µg/L)										
Acenaphthene	NA	<0.120	NA	NA	0.08J	NA	NA	NA	NA	0.088 J
Acenaphthylene	NA	<0.120	NA	NA	<0.04	NA	NA	NA	NA	1.5
Anthracene	NA	<0.090	NA	NA	<0.04	NA	NA	NA	NA	0.030 J
Benzo(a)Anthracene	NA	<0.100	NA	NA	<0.04	NA	NA	NA	NA	<0.021
Benzo(a)Pyrene	NA	<0.020	NA	NA	<0.02	NA	NA	NA	NA	<0.021
Benzo(b)Fluoranthene	NA	<0.040	NA	NA	NA	NA	NA	NA	NA	<0.022
Benzo(ghi)Perylene	NA	<0.060	NA	NA	<0.04	NA	NA	NA	NA	<0.026

Benzo(k)Fluoranthene	NA	<0.070	NA	NA	<0.02	NA	NA	NA	NA	<0.024
Chrysene	NA	<0.030	NA	NA	<0.04	NA	NA	NA	NA	<0.023
Dibenzo(a,h)Anthracene	NA	<0.110	NA	NA	<0.03	NA	NA	NA	NA	<0.45
Fluoranthene	NA	<0.120	NA	NA	<0.04	NA	NA	NA	NA	0.036 J
Fluorene	NA	<0.120	NA	NA	<0.04	NA	NA	NA	NA	0.12 J
Indeno(1,2,3-cd)Pyrene	NA	<0.120	NA	NA	<0.04	NA	NA	NA	NA	<0.026
1-Methyl Naphthalene	NA	<0.080	NA	NA	<0.04	NA	NA	NA	NA	0.86
2-Methyl Naphthalene	NA	<0.110	NA	NA	<0.04	NA	NA	NA	NA	0.96
Naphthalene	NA	<0.110	NA	NA	NA	NA	NA	NA	NA	2.1
Phenanthrene	NA	<0.110	NA	NA	NA	NA	NA	NA	NA	0.13 J
Pyrene	NA	<0.100	NA	NA	NA	NA	NA	NA	NA	0.065 J

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 13

SUMMARY OF RESULTS FROM MANHOLE MH-18 SAMPLING

Method (units) Analyte/Parameter	Date				Date				Date				Date			
	4/1/13	7/2/13	10/16/13 ⁽¹⁾	12/6/13	4/14/14	6/17/14	9/18/14	12/4/14	3/24/15	6/16/15	9/23/15	12/8/15	3/21/16	6/13/16	8/30/16	12/6/16
EPA 150.1 (standard units)																
Field pH	NA	NA	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPA 6010 (mg/L)																
Hardness as CaCO ₃	NA	NA	57.8	NA	NA	NA	NA	50.1	NA	NA	NA	46.2	NA	NA	NA	51.2
EPA 6010/6020 (µg/L)																
Total Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cadmium	NA	NA	<0.38	NA	NA	NA	NA	<1.0	NA	NA	NA	<1.0	NA	NA	NA	<1.3
Total Chromium	NA	NA	2.1 J	NA	NA	NA	NA	NA	NA	NA	NA	2.2 J	NA	NA	NA	NA
Total Copper	NA	NA	2.9 J	NA	NA	NA	NA	NA	NA	NA	NA	<3.4	NA	NA	NA	NA
Total Lead	NA	NA	<1.2	NA	NA	NA	NA	NA	NA	NA	NA	<1.6	NA	NA	NA	NA
Total Nickel	NA	NA	22.0	NA	NA	NA	NA	17.7	NA	NA	NA	2.0 J	NA	NA	NA	3.3 J
Total Selenium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Zinc	NA	NA	19.0 J	NA	NA	NA	NA	23.6 J	NA	NA	NA	8.7 J	NA	NA	NA	<9.3
Trivalent Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPA 7196A (mg/L)																
Hexavalent Chromium	NA	NA	<0.0034	NA	NA	NA	NA	NA	NA	NA	NA	<0.0039	NA	NA	NA	NA
EPA 8021/8260 (µg/L)																
1,1,1-Trichloroethane	<0.90	3.4	0.48J	<0.44	<0.50	0.59J	<0.50	<0.50	0.68 J	0.60 J	0.89 J	0.90 J	0.83 J	1.0	0.69 J	0.70 J
1,1-Dichloroethane	<0.75	<0.28	<0.28	<0.28	<0.16	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1-Dichloroethylene	<0.57	<0.43	<0.43	<0.43	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Tetrachloroethylene	<0.45	<0.47	<0.47	<0.47	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethylene	0.71 J	0.65 J	0.63J	0.42 J	0.36J	0.55J	0.45 J	0.49 J	0.47 J	0.70 J	0.55 J	0.61 J	0.48 J	0.65	0.51 J	0.54 J
EPA 8270/8310 (µg/L)																
Acenaphthene	NA	NA	<0.90	NA	NA	NA	NA	0.024 J	NA	NA	NA	<1.3	NA	NA	NA	0.040
Acenaphthylene	NA	NA	<0.94	NA	NA	NA	NA	0.0046 J	NA	NA	NA	<1.0	NA	NA	NA	<0.0050
Anthracene	NA	NA	<0.59	NA	NA	NA	NA	0.0037 J	NA	NA	NA	<1.7	NA	NA	NA	<0.010
Benzo(a)Anthracene	NA	NA	<0.58	NA	NA	NA	NA	<0.0020	NA	NA	NA	<0.51	NA	NA	NA	<0.0076
Benzo(a)Pyrene	NA	NA	<0.91	NA	NA	NA	NA	<0.0026	NA	NA	NA	<1.8	NA	NA	NA	<0.0011
Benzo(b)Fluoranthene	NA	NA	<1.4	NA	NA	NA	NA	<0.0028	NA	NA	NA	<0.62	NA	NA	NA	<0.0057
Benzo(ghi)Perylene	NA	NA	<0.73	NA	NA	NA	NA	<0.0032	NA	NA	NA	<0.77	NA	NA	NA	<0.0068

Gannett Fleming

Benzo(k)Fluoranthene	NA	NA	<0.97	NA	NA	NA	NA	<0.0034	NA	NA	NA	<0.95	NA	NA	NA	<0.0076
Chrysene	NA	NA	<0.74	NA	NA	NA	NA	<0.0021	NA	NA	NA	<1.7	NA	NA	NA	<0.013
Dibenzo(a,h)Anthracene	NA	NA	<1.3	NA	NA	NA	NA	<0.0032	NA	NA	NA	<1.3	NA	NA	NA	<0.010
Fluoranthene	NA	NA	<0.86	NA	NA	NA	NA	<0.0023	NA	NA	NA	<0.54	NA	NA	NA	<0.011
Fluorene	NA	NA	<1.1	NA	NA	NA	NA	0.011 J	NA	NA	NA	<0.71	NA	NA	NA	0.018 J
Indeno(1,2,3-cd)Pyrene	NA	NA	<0.63	NA	NA	NA	NA	<0.0025	NA	NA	NA	<1.4	NA	NA	NA	<0.018
1-Methyl Naphthalene	NA	NA	<0.98	NA	NA	NA	NA	0.018 J	NA	NA	NA	<1.6	NA	NA	NA	0.012 J
2-Methyl Naphthalene	NA	NA	<1.3	NA	NA	NA	NA	0.0060 J	NA	NA	NA	<1.4	NA	NA	NA	0.0074 J
Naphthalene	NA	NA	<0.66	NA	NA	NA	NA	0.028 J	NA	NA	NA	<1.8	NA	NA	NA	<0.018
Phenanthrene	NA	NA	<0.60	NA	NA	NA	NA	0.0043 J	NA	NA	NA	<1.7	NA	NA	NA	<0.014
Pyrene	NA	NA	<1.5	NA	NA	NA	NA	0.0025 J	NA	NA	NA	<1.3	NA	NA	NA	<0.0076

TABLE 13

SUMMARY OF RESULTS FROM MANHOLE MH-18 SAMPLING

NOTES:

Concentrations are in micrograms per liter ($\mu\text{g/L}$) or milligrams per liter (mg/L) as shown.
CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.
CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.
HT = This result was analyzed outside of the EPA recommended holding time.
J = Estimated concentration below laboratory quantitation level.
NA = Not analyzed.
S1L = First sample matrix spike recovery was low.
S2L = Second sample matrix spike recovery was low.
SH = Surrogate recovery was high. Result for sample may be biased high.

FOOTNOTE:

(1) The sample submitted for metals analysis was inadvertently filtered, and thus the results represent dissolved concentrations. The data are within the historical range.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

TABLE 14

GROUNDWATER AND PUMPED GROUNDWATER SAMPLING SCHEDULE FOR 2017

PLUME Grouping Sample ID	Grid ID/ Sample Location	Sampling Frequency		Comments
		NPI VOCs	Cadmium	
PLUME 1/2				
CW-11	B8	Quarterly	None	
CW-15	B8	Quarterly	None	
CW-16	B8	Quarterly	None	
CW-17	B8	Quarterly	None	
CW-19	B7	Quarterly	None	
CW-22	C7	Quarterly	None	
CW-23	B7	Quarterly	None	
Raw	Air stripper bldg	Quarterly	None	
Tower A	Air stripper bldg	Quarterly	None	
Tower B	Air stripper bldg	Quarterly	None	
Finished Product	Water plant	Quarterly	None	
EC-1	C7	Quarterly	None	
EC-2	C7	Annual	None	
EC-5	C7	Annual	None	
EC-6	C7	Annual	None	
EW-5	K7	Quarterly	Semi-annual	Shallow and deep samples are collected ⁽¹⁾
EW-6	K7	Quarterly	Semi-annual	
CAS-2R	K7	None	None	Use results from MH-18 ⁽²⁾
MH-18	K7	Quarterly	Annual	Expanded analyte list in Q4 ⁽³⁾
MW-4A	K7	Quarterly	Annual	
MW-4B	K7	Quarterly	Annual	
MW-10A	K8	None	Quarterly	
MW-10B	K8	None	Quarterly	
MW-11A	K7	None	None	
MW-12A	L7	None	None	
MW-23A	J7	Quarterly	None	
MW-23B	J7	Quarterly	None	
MW-34A	K8	Quarterly	Semi-annual	
MW-34B	K8	Quarterly	Semi-annual	
MW-34C	K8	Quarterly	Annual	
MW-35A	I7	Annual	None	
MW-35B	I7	Annual	None	
MW-37A	I7	None	None	
MW-37B	I7	Biennial	None	
MW-38A	I8	Annual	None	
MW-38B	I8	Semi-annual	None	
MW-38C	I8	Annual	None	
MW-39A	J8	None	None	
MW-41A	H8	Annual	None	
MW-41B	H8	Annual	None	
MW-43A	H7	Annual	None	
MW-43B	H7	Annual	None	

TABLE 14

GROUNDWATER AND PUMPED GROUNDWATER SAMPLING SCHEDULE FOR 2017

PLUME Grouping Sample ID	Grid ID/ Sample Location	Sampling Frequency		Comments
		NPI VOCs	Cadmium	
MW-45A	F6	Biennial	None	
MW-45B	F6	Semi-annual	None	
MW-45C	F6	Semi-annual	None	
MW-46A	G7	Lost	None	If found sample once for NPI VOCs and evaluate
MW-46B	G7	Lost	None	If found sample once for NPI VOCs and evaluate
MW-46C	G7	Lost	None	If found sample once for NPI VOCs and evaluate
MW-47A	G7	Biennial	None	
MW-47B	G7	Biennial	None	
MW-49A	D6	Annual	None	
MW-49B	D6	Annual	None	
MW-50A	F6	Lost	None	If found sample once for NPI VOCs and evaluate
MW-50B	F6	Lost	None	If found sample once for NPI VOCs and evaluate
MW-51A	F6	Biennial	None	
MW-51B	F6	Annual	None	
MW-52A	F6	Annual	None	
MW-52B	F6	Annual	None	
MW-53A	E6	Biennial	None	
MW-53B	E6	Annual	None	
MW-54A	D6	Biennial	None	
MW-54B	D6	Annual	None	
MW-54C	D6	Annual	None	
MW-55A	D6	None	None	
MW-55B	D6	Annual	None	
MW-55C	D6	Annual	None	
MW-57A	E6	Biennial	None	
MW-57B	E6	Biennial	None	
MW-59A	F6	Lost	None	If found sample once for NPI VOCs and evaluate
MW-59B	F6	Lost	None	If found sample once for NPI VOCs and evaluate
MW-60A	D7	Biennial	None	
MW-60B	D7	Biennial	None	
MW-61A	C6	Biennial	None	
MW-61B	C6	Biennial	None	
MW-68A	J7	Annual	Annual	
MW-68B	J7	Semi-annual	Quarterly	
MW-69A	J8	None	None	
MW-69B	J8	None	None	
MW-70A	K8	Quarterly	Annual	
MW-70B	K8	Quarterly	Quarterly	
MW-71A	K8	None	None	
MW-74A	J8	Annual	None	
MW-74B	J8	Annual	None	
MW-75	K8	None	Quarterly	
MW-76A	K7	Quarterly	None	
MW-76B	K7	Quarterly	None	
MW-77A	K7	Quarterly	None	
MW-77B	K7	Quarterly	None	

TABLE 14

GROUNDWATER AND PUMPED GROUNDWATER SAMPLING SCHEDULE FOR 2017

PLUME Grouping Sample ID	Grid ID/ Sample Location	Sampling Frequency		Comments
		NPI VOCs	Cadmium	
MW-77C	K7	Quarterly	None	
PW-2	K7	None	None	
PW-3R	K7	Annual	None	
RW-2A	J7	Semi-annual	None	
RW-2B	J7	Semi-annual	None	
RW-2C	J7	Semi-annual	None	
RW-3A	C6	Semi-annual	None	
RW-3B	C6	Semi-annual	None	
RW-3C	C6	Semi-annual	None	
RW-15	J7	Semi-annual	None	
RW-16	G7	Annual	None	
RW-16B	G7	Annual	None	
RW-16C	G7	Annual	None	
RW-18	H8	None	None	
RW-23	H7	Lost	None	If found sample once for NPI VOCs and evaluate
WW-15	I8	Annual	None	
PLUME 3/4				
EW-1R	L6	Quarterly	None	Shallow, mid-depth, and deep ^(1,4)
EW-2	L6	Quarterly	None	Shallow and deep ^(1,4)
CAS-1	L6	None	None	Quarterly sampling if EW-1R and/or EW-2 resume pumping
MW-1	M8	None	None	
MW-5A	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-5B	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-6	L6	Biennial	None	
MW-7	M6	None	None	Previously classified as a Plume 5 monitoring well
MW-8	M6	None	None	Previously classified as a Plume 5 monitoring well
MW-9A	L6	Biennial	None	
MW-9B	L6	None	None	
MW-13A	L7	None	None	
MW-18	M7	None	None	
MW-22A	K6	None	None	
MW-22B	K6	Biennial	None	
MW-26A	L5	Biennial	None	
MW-26B	L5	Semi-annual	None	
MW-27A	L5	None	None	
MW-27B	L5	None	None	
MW-29A	L3	None	None	
MW-29B	L3	Biennial	None	
MW-62AR	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-62B	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-62C	L6	Annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-63A	M6	Annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-63B	M6	Annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-65A	L6	Biennial	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-65B	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-65C	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping

TABLE 14

GROUNDWATER AND PUMPED GROUNDWATER SAMPLING SCHEDULE FOR 2017

PLUME Grouping Sample ID	Grid ID/ Sample Location	Sampling Frequency		Comments
		NPI VOCs	Cadmium	
MW-66A	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-66B	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping
MW-66C	L6	Semi-annual	None	Re-evaluate frequency if EW-1R and/or EW-2 resume pumping

NOTES:

Biennial = Sample collected in odd years only.

Lost = Well/piezometer has been lost. If the well/piezometer is found, then it will be sampled once for NPI VOCs and the results will be evaluated to determine if additional sampling is necessary.

NPI VOCs = 1, 1-DCA; 1, 1-DCE; PCE; 1, 1, 1-TCA; and TCE.

Semi-annual = Semi-annual samples collected in second and fourth quarters (Q2/Q4); annual and biennial samples collected in Q2.

FOOTNOTES:

(1) Multi-level samples are collected from extraction wells that have been shut down, as requested by the WDNR.

(2) CAS-2R and MH-18 are located within 60 feet of each other. Consequently, we believe water quality is essentially the same at both locations. For this reason, we will sample MH-18 only, not both MH-18 and CAS-2R.

(3) MH-18 is sampled once a year for an expanded analyte list, per agreement with the WDNR. In odd years the list includes hardness (as CaCO₃); cadmium, chromium, chromium+6, copper, lead, nickel, and zinc as total metals; PAHs; and pentachlorophenol. In even years, the list includes hardness (as CaCO₃); cadmium, nickel, and zinc as total metals; and PAHs.

(4) Pumping from EW-1R and/or EW-2 will resume if an increasing trend in TCE or 1,1,1-TCA is observed in any of the MRDS monitoring wells (EW-1R, EW-2, MW-5A/B, MW-62A/B/C, MW-63A/B, MW-65A/B/C, and MW-66A/B/C).

April 01, 2016

Clifford Wright
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717

Project #34283.000
NPI Groundwater
Reviewed by CCW
4/4/16


RE: Project: 34283.000 NPI
Pace Project No.: 40129775

Dear Clifford Wright:

Enclosed are the analytical results for sample(s) received by the laboratory on March 24, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Marcia Kuehl, MAKuehl Co.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: 34283.000 NPI

Pace Project No.: 40129775

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
Virginia VELAP ID: 460263
North Dakota Certification #: R-150

South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Virginia VELAP Certification ID: 460263
Virginia VELAP ID: 460263
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE SUMMARY

Project: 34283.000 NPI

Pace Project No.: 40129775

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40129775001	MW4A	Water	03/21/16 15:35	03/24/16 07:30
40129775002	MW4B	Water	03/21/16 15:35	03/24/16 07:30
40129775003	MH18	Water	03/21/16 14:35	03/24/16 07:30
40129775004	MW34A	Water	03/21/16 14:05	03/24/16 07:30
40129775005	MW34C	Water	03/21/16 14:05	03/24/16 07:30
40129775006	MW68A	Water	03/21/16 14:55	03/24/16 07:30
40129775007	MW70B	Water	03/21/16 13:50	03/24/16 07:30
40129775008	MW77A	Water	03/21/16 15:50	03/24/16 07:30
40129775009	MW77B	Water	03/21/16 15:50	03/24/16 07:30
40129775010	EW-1R U	Water	03/21/16 13:05	03/24/16 07:30
40129775011	EW-1R M	Water	03/21/16 13:05	03/24/16 07:30
40129775012	EW-1R L	Water	03/21/16 13:05	03/24/16 07:30
40129775013	EW-2	Water	03/21/16 11:20	03/24/16 07:30
40129775014	EW-5 U	Water	03/21/16 16:40	03/24/16 07:30
40129775015	EW-5 L	Water	03/21/16 16:40	03/24/16 07:30
40129775016	EC-1	Water	03/22/16 14:40	03/24/16 07:30
40129775017	EW-6	Water	03/21/16 15:15	03/24/16 07:30
40129775018	MW-23A	Water	03/22/16 11:25	03/24/16 07:30
40129775019	MW-23B	Water	03/22/16 11:25	03/24/16 07:30
40129775020	MW-34B	Water	03/21/16 14:05	03/24/16 07:30
40129775021	MW-68B	Water	03/21/16 14:55	03/24/16 07:30
40129775022	MW-70A	Water	03/21/16 13:50	03/24/16 07:30
40129775023	MW-74B	Water	03/21/16 14:45	03/24/16 07:30
40129775024	MW-76A	Water	03/21/16 15:20	03/24/16 07:30
40129775025	MW-77C	Water	03/21/16 15:50	03/24/16 07:30
40129775026	TRIP BLANK	Water	03/21/16 00:00	03/24/16 07:30
40129775027	FIELD BLANK	Water	03/22/16 17:00	03/24/16 07:30
40129775028	MW-74A	Water	03/21/16 14:45	03/24/16 07:30
40129775029	MW-10B	Water	03/21/16 13:35	03/24/16 07:30
40129775030	MW-10A	Water	03/21/16 13:35	03/24/16 07:30
40129775031	MW-75	Water	03/21/16 14:20	03/24/16 07:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: 34283.000 NPI
Pace Project No.: 40129775

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40129775001	MW4A	EPA 8260	HNW	8	PASI-G
40129775002	MW4B	EPA 8260	HNW	8	PASI-G
40129775003	MH18	EPA 8260	HNW	8	PASI-G
40129775004	MW34A	EPA 8260	HNW	8	PASI-G
40129775005	MW34C	EPA 8260	HNW	8	PASI-G
40129775006	MW68A	EPA 8260	HNW	8	PASI-G
40129775007	MW70B	EPA 6010	DLB	1	PASI-G
		EPA 8260	HNW	8	PASI-G
40129775008	MW77A	EPA 8260	HNW	8	PASI-G
40129775009	MW77B	EPA 8260	HNW	8	PASI-G
40129775010	EW-1R U	EPA 8260	HNW	8	PASI-G
40129775011	EW-1R M	EPA 8260	HNW	8	PASI-G
40129775012	EW-1R L	EPA 8260	HNW	8	PASI-G
40129775013	EW-2	EPA 8260	HNW	8	PASI-G
40129775014	EW-5 U	EPA 8260	HNW	8	PASI-G
40129775015	EW-5 L	EPA 8260	HNW	8	PASI-G
40129775016	EC-1	EPA 8260	HNW	8	PASI-G
40129775017	EW-6	EPA 8260	HNW	8	PASI-G
40129775018	MW-23A	EPA 8260	HNW	8	PASI-G
40129775019	MW-23B	EPA 8260	HNW	8	PASI-G
40129775020	MW-34B	EPA 8260	HNW	8	PASI-G
40129775021	MW-68B	EPA 6010	DLB	1	PASI-G
		EPA 8260	HNW	8	PASI-G
40129775022	MW-70A	EPA 8260	HNW	8	PASI-G
40129775023	MW-74B	EPA 8260	HNW	8	PASI-G
40129775024	MW-76A	EPA 8260	HNW	8	PASI-G
40129775025	MW-77C	EPA 8260	HNW	8	PASI-G
40129775026	TRIP BLANK	EPA 8260	HNW	8	PASI-G
40129775027	FIELD BLANK	EPA 8260	HNW	8	PASI-G
40129775028	MW-74A	EPA 8260	HNW	8	PASI-G
40129775029	MW-10B	EPA 6010	DLB	1	PASI-G
40129775030	MW-10A	EPA 6010	DLB	1	PASI-G
40129775031	MW-75	EPA 6010	DLB	1	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SUMMARY OF DETECTION

Project: 34283.000 NPI
Pace Project No.: 40129775

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40129775002	MW4B					
EPA 8260	Trichloroethene	0.43J	ug/L	1.0	03/28/16 17:07	
40129775003	MH18					
EPA 8260	1,1,1-Trichloroethane	0.83J	ug/L	1.0	03/28/16 17:30	
EPA 8260	Trichloroethene	0.48J	ug/L	1.0	03/28/16 17:30	
40129775004	MW34A					
EPA 8260	1,1-Dichloroethane	0.53J	ug/L	1.0	03/28/16 17:52	
40129775007	MW70B					
EPA 6010	Cadmium, Dissolved	3.5J	ug/L	5.0	03/29/16 10:49	
40129775008	MW77A					
EPA 8260	Trichloroethene	1.1	ug/L	1.0	03/28/16 19:22	
40129775009	MW77B					
EPA 8260	Trichloroethene	1.7	ug/L	1.0	03/28/16 19:44	
40129775014	EW-5 U					
EPA 8260	Trichloroethene	0.66J	ug/L	1.0	03/28/16 21:36	
40129775015	EW-5 L					
EPA 8260	Trichloroethene	0.33J	ug/L	1.0	03/28/16 21:59	
40129775016	EC-1					
EPA 8260	Trichloroethene	1.6	ug/L	1.0	03/28/16 16:23	
40129775017	EW-6					
EPA 8260	1,1,1-Trichloroethane	1.3	ug/L	1.0	03/28/16 22:21	
EPA 8260	Trichloroethene	0.75J	ug/L	1.0	03/28/16 22:21	
40129775018	MW-23A					
EPA 8260	Trichloroethene	1.5	ug/L	1.0	03/28/16 22:43	
40129775019	MW-23B					
EPA 8260	Trichloroethene	1.8	ug/L	1.0	03/28/16 23:06	
40129775021	MW-68B					
EPA 6010	Cadmium, Dissolved	2.4J	ug/L	5.0	03/29/16 10:56	
EPA 8260	Trichloroethene	0.42J	ug/L	1.0	03/28/16 13:13	
40129775022	MW-70A					
EPA 8260	Trichloroethene	0.41J	ug/L	1.0	03/28/16 13:36	
40129775024	MW-76A					
EPA 8260	1,1,1-Trichloroethane	2.2	ug/L	1.0	03/28/16 09:30	
40129775025	MW-77C					
EPA 8260	Trichloroethene	0.61J	ug/L	1.0	03/29/16 00:13	
40129775029	MW-10B					
EPA 6010	Cadmium, Dissolved	3.8J	ug/L	5.0	03/29/16 11:05	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SUMMARY OF DETECTION

Project: 34283.000 NPI

Pace Project No.: 40129775

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40129775030	MW-10A					
EPA 6010	Cadmium, Dissolved	19.1	ug/L	5.0	03/29/16 11:08	
40129775031	MW-75					
EPA 6010	Cadmium, Dissolved	2.4J	ug/L	5.0	03/29/16 11:10	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: 34283.000 NPI

Pace Project No.: 40129775

Method: EPA 6010

Description: 6010 MET ICP, Dissolved

Client: Gannett Fleming Inc.

Date: April 01, 2016

General Information:

5 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: 34283.000 NPI

Pace Project No.: 40129775

Method: EPA 8260

Description: 8260 MSV

Client: Gannett Fleming Inc.

Date: April 01, 2016

General Information:

28 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW4A **Lab ID: 40129775001** Collected: 03/21/16 15:35 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 16:45	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 16:45	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 16:45	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 16:45	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/28/16 16:45	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/28/16 16:45	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		03/28/16 16:45	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		03/28/16 16:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW4B **Lab ID: 40129775002** Collected: 03/21/16 15:35 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 17:07	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 17:07	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 17:07	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 17:07	127-18-4	
Trichloroethene	0.43J	ug/L	1.0	0.33	1		03/28/16 17:07	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/28/16 17:07	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		03/28/16 17:07	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		03/28/16 17:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MH18 **Lab ID: 40129775003** Collected: 03/21/16 14:35 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	0.83J	ug/L	1.0	0.50	1		03/28/16 17:30	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 17:30	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 17:30	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 17:30	127-18-4	
Trichloroethene	0.48J	ug/L	1.0	0.33	1		03/28/16 17:30	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 17:30	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		03/28/16 17:30	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		03/28/16 17:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW34A **Lab ID: 40129775004** Collected: 03/21/16 14:05 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 17:52	71-55-6	
1,1-Dichloroethane	0.53J	ug/L	1.0	0.24	1		03/28/16 17:52	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 17:52	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 17:52	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/28/16 17:52	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/28/16 17:52	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		03/28/16 17:52	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		03/28/16 17:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW34C **Lab ID: 40129775005** Collected: 03/21/16 14:05 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 18:15	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 18:15	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 18:15	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 18:15	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/28/16 18:15	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 18:15	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		03/28/16 18:15	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		03/28/16 18:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW68A **Lab ID: 40129775006** Collected: 03/21/16 14:55 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 18:37	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 18:37	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 18:37	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 18:37	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/28/16 18:37	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 18:37	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		03/28/16 18:37	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		03/28/16 18:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI
Pace Project No.: 40129775

Sample: MW70B **Lab ID: 40129775007** Collected: 03/21/16 13:50 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Cadmium, Dissolved	3.5J	ug/L	5.0	0.60	1		03/29/16 10:49	7440-43-9	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 19:00	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 19:00	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 19:00	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 19:00	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/28/16 19:00	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/28/16 19:00	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		03/28/16 19:00	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		03/28/16 19:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW77A **Lab ID: 40129775008** Collected: 03/21/16 15:50 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 19:22	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 19:22	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 19:22	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 19:22	127-18-4	
Trichloroethene	1.1	ug/L	1.0	0.33	1		03/28/16 19:22	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 19:22	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		03/28/16 19:22	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		03/28/16 19:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW77B **Lab ID: 40129775009** Collected: 03/21/16 15:50 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 19:44	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 19:44	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 19:44	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 19:44	127-18-4	
Trichloroethene	1.7	ug/L	1.0	0.33	1		03/28/16 19:44	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 19:44	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		03/28/16 19:44	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		03/28/16 19:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: EW-1R U **Lab ID: 40129775010** Collected: 03/21/16 13:05 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 20:07	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 20:07	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 20:07	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 20:07	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/28/16 20:07	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 20:07	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		03/28/16 20:07	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		03/28/16 20:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: EW-1R M **Lab ID: 40129775011** Collected: 03/21/16 13:05 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 20:29	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 20:29	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 20:29	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 20:29	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/28/16 20:29	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/28/16 20:29	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		03/28/16 20:29	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		03/28/16 20:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: EW-1R L **Lab ID: 40129775012** Collected: 03/21/16 13:05 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 20:51	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 20:51	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 20:51	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 20:51	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/28/16 20:51	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 20:51	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		03/28/16 20:51	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		03/28/16 20:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: EW-2 **Lab ID: 40129775013** Collected: 03/21/16 11:20 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 21:14	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 21:14	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 21:14	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 21:14	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/28/16 21:14	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/28/16 21:14	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		03/28/16 21:14	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		03/28/16 21:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: EW-5 U **Lab ID: 40129775014** Collected: 03/21/16 16:40 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 21:36	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 21:36	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 21:36	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 21:36	127-18-4	
Trichloroethene	0.66J	ug/L	1.0	0.33	1		03/28/16 21:36	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/28/16 21:36	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		03/28/16 21:36	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		03/28/16 21:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: EW-5 L **Lab ID: 40129775015** Collected: 03/21/16 16:40 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 21:59	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 21:59	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 21:59	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 21:59	127-18-4	
Trichloroethene	0.33J	ug/L	1.0	0.33	1		03/28/16 21:59	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 21:59	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		03/28/16 21:59	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		03/28/16 21:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: EC-1 **Lab ID: 40129775016** Collected: 03/22/16 14:40 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 16:23	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 16:23	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 16:23	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 16:23	127-18-4	
Trichloroethene	1.6	ug/L	1.0	0.33	1		03/28/16 16:23	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 16:23	460-00-4	
Dibromofluoromethane (S)	111	%	70-130		1		03/28/16 16:23	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		03/28/16 16:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: EW-6 **Lab ID: 40129775017** Collected: 03/21/16 15:15 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	1.3	ug/L	1.0	0.50	1		03/28/16 22:21	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 22:21	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 22:21	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 22:21	127-18-4	
Trichloroethene	0.75J	ug/L	1.0	0.33	1		03/28/16 22:21	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/28/16 22:21	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		03/28/16 22:21	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		03/28/16 22:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW-23A **Lab ID: 40129775018** Collected: 03/22/16 11:25 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 22:43	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 22:43	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 22:43	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 22:43	127-18-4	
Trichloroethene	1.5	ug/L	1.0	0.33	1		03/28/16 22:43	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 22:43	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		03/28/16 22:43	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		03/28/16 22:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW-23B **Lab ID: 40129775019** Collected: 03/22/16 11:25 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 23:06	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 23:06	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 23:06	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 23:06	127-18-4	
Trichloroethene	1.8	ug/L	1.0	0.33	1		03/28/16 23:06	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 23:06	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		03/28/16 23:06	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		03/28/16 23:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW-34B **Lab ID: 40129775020** Collected: 03/21/16 14:05 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 23:28	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 23:28	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 23:28	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 23:28	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/28/16 23:28	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 23:28	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		03/28/16 23:28	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		03/28/16 23:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW-68B **Lab ID: 40129775021** Collected: 03/21/16 14:55 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Cadmium, Dissolved	2.4J	ug/L	5.0	0.60	1		03/29/16 10:56	7440-43-9	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 13:13	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 13:13	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 13:13	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 13:13	127-18-4	
Trichloroethene	0.42J	ug/L	1.0	0.33	1		03/28/16 13:13	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 13:13	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		03/28/16 13:13	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		03/28/16 13:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW-70A **Lab ID: 40129775022** Collected: 03/21/16 13:50 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 13:36	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 13:36	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 13:36	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 13:36	127-18-4	
Trichloroethene	0.41J	ug/L	1.0	0.33	1		03/28/16 13:36	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/28/16 13:36	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		03/28/16 13:36	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		03/28/16 13:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW-74B **Lab ID: 40129775023** Collected: 03/21/16 14:45 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/28/16 23:50	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 23:50	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 23:50	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 23:50	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/28/16 23:50	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/28/16 23:50	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		03/28/16 23:50	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		03/28/16 23:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW-76A **Lab ID: 40129775024** Collected: 03/21/16 15:20 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	2.2	ug/L	1.0	0.50	1		03/28/16 09:30	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/28/16 09:30	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/28/16 09:30	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/28/16 09:30	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/28/16 09:30	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/28/16 09:30	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		03/28/16 09:30	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		03/28/16 09:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW-77C **Lab ID: 40129775025** Collected: 03/21/16 15:50 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/29/16 00:13	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/29/16 00:13	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/29/16 00:13	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/29/16 00:13	127-18-4	
Trichloroethene	0.61J	ug/L	1.0	0.33	1		03/29/16 00:13	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/29/16 00:13	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		03/29/16 00:13	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		03/29/16 00:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: TRIP BLANK **Lab ID: 40129775026** Collected: 03/21/16 00:00 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/29/16 00:58	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/29/16 00:58	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/29/16 00:58	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/29/16 00:58	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/29/16 00:58	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/29/16 00:58	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		03/29/16 00:58	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		03/29/16 00:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: FIELD BLANK **Lab ID: 40129775027** Collected: 03/22/16 17:00 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/29/16 01:20	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/29/16 01:20	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/29/16 01:20	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/29/16 01:20	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/29/16 01:20	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/29/16 01:20	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		03/29/16 01:20	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		03/29/16 01:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW-74A **Lab ID: 40129775028** Collected: 03/21/16 14:45 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/29/16 00:35	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/29/16 00:35	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/29/16 00:35	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/29/16 00:35	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/29/16 00:35	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/29/16 00:35	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		03/29/16 00:35	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		03/29/16 00:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW-10B **Lab ID: 40129775029** Collected: 03/21/16 13:35 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Cadmium, Dissolved	3.8J	ug/L	5.0	0.60	1		03/29/16 11:05	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI
Pace Project No.: 40129775

Sample: MW-10A **Lab ID: 40129775030** Collected: 03/21/16 13:35 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Cadmium, Dissolved	19.1	ug/L	5.0	0.60	1		03/29/16 11:08	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129775

Sample: MW-75 **Lab ID: 40129775031** Collected: 03/21/16 14:20 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Cadmium, Dissolved	2.4J	ug/L	5.0	0.60	1		03/29/16 11:10	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283.000 NPI
Pace Project No.: 40129775

QC Batch: ICP/11995 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved
Associated Lab Samples: 40129775007, 40129775021, 40129775029, 40129775030, 40129775031

METHOD BLANK: 1311340 Matrix: Water
Associated Lab Samples: 40129775007, 40129775021, 40129775029, 40129775030, 40129775031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cadmium, Dissolved	ug/L	<0.60	5.0	03/29/16 10:37	

LABORATORY CONTROL SAMPLE: 1311341

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium, Dissolved	ug/L	500	488	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1311342 1311343

Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		40129775007 Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Cadmium, Dissolved	ug/L	3.5J	500	500	494	493	98	98	75-125	0	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283.000 NPI
Pace Project No.: 40129775

QC Batch: MSV/32717 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40129775001, 40129775002, 40129775003, 40129775004, 40129775005, 40129775006, 40129775007, 40129775008, 40129775009, 40129775010, 40129775011, 40129775012, 40129775013, 40129775014, 40129775015, 40129775016, 40129775017, 40129775018, 40129775019, 40129775020

METHOD BLANK: 1310873 Matrix: Water
Associated Lab Samples: 40129775001, 40129775002, 40129775003, 40129775004, 40129775005, 40129775006, 40129775007, 40129775008, 40129775009, 40129775010, 40129775011, 40129775012, 40129775013, 40129775014, 40129775015, 40129775016, 40129775017, 40129775018, 40129775019, 40129775020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	03/28/16 14:53	
1,1-Dichloroethane	ug/L	<0.24	1.0	03/28/16 14:53	
1,1-Dichloroethene	ug/L	<0.41	1.0	03/28/16 14:53	
Tetrachloroethene	ug/L	<0.50	1.0	03/28/16 14:53	
Trichloroethene	ug/L	<0.33	1.0	03/28/16 14:53	
4-Bromofluorobenzene (S)	%	96	70-130	03/28/16 14:53	
Dibromofluoromethane (S)	%	108	70-130	03/28/16 14:53	
Toluene-d8 (S)	%	100	70-130	03/28/16 14:53	

LABORATORY CONTROL SAMPLE: 1310874

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.9	106	70-130	
1,1-Dichloroethane	ug/L	50	54.2	108	70-130	
1,1-Dichloroethene	ug/L	50	50.8	102	70-130	
Tetrachloroethene	ug/L	50	51.1	102	70-130	
Trichloroethene	ug/L	50	52.1	104	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Dibromofluoromethane (S)	%			106	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1310875 1310876

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual	
		40129775016 Result	Spike Conc.	Spike Conc.	MS Result						MSD Result
1,1,1-Trichloroethane	ug/L	<0.50	50	50	55.1	54.1	110	108	70-130	2	20
1,1-Dichloroethane	ug/L	<0.24	50	50	55.7	54.7	111	109	70-134	2	20
1,1-Dichloroethene	ug/L	<0.41	50	50	53.1	52.1	106	104	70-139	2	20
Tetrachloroethene	ug/L	<0.50	50	50	51.3	51.9	102	103	70-130	1	20
Trichloroethene	ug/L	1.6	50	50	52.8	55.3	103	107	70-130	5	20
4-Bromofluorobenzene (S)	%						102	102	70-130		
Dibromofluoromethane (S)	%						110	107	70-130		
Toluene-d8 (S)	%						102	102	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALIFIERS

Project: 34283.000 NPI

Pace Project No.: 40129775

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 34283.000 NPI
Pace Project No.: 40129775

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40129775007	MW70B	EPA 6010	ICP/11995		
40129775021	MW-68B	EPA 6010	ICP/11995		
40129775029	MW-10B	EPA 6010	ICP/11995		
40129775030	MW-10A	EPA 6010	ICP/11995		
40129775031	MW-75	EPA 6010	ICP/11995		
40129775001	MW4A	EPA 8260	MSV/32717		
40129775002	MW4B	EPA 8260	MSV/32717		
40129775003	MH18	EPA 8260	MSV/32717		
40129775004	MW34A	EPA 8260	MSV/32717		
40129775005	MW34C	EPA 8260	MSV/32717		
40129775006	MW68A	EPA 8260	MSV/32717		
40129775007	MW70B	EPA 8260	MSV/32717		
40129775008	MW77A	EPA 8260	MSV/32717		
40129775009	MW77B	EPA 8260	MSV/32717		
40129775010	EW-1R U	EPA 8260	MSV/32717		
40129775011	EW-1R M	EPA 8260	MSV/32717		
40129775012	EW-1R L	EPA 8260	MSV/32717		
40129775013	EW-2	EPA 8260	MSV/32717		
40129775014	EW-5 U	EPA 8260	MSV/32717		
40129775015	EW-5 L	EPA 8260	MSV/32717		
40129775016	EC-1	EPA 8260	MSV/32717		
40129775017	EW-6	EPA 8260	MSV/32717		
40129775018	MW-23A	EPA 8260	MSV/32717		
40129775019	MW-23B	EPA 8260	MSV/32717		
40129775020	MW-34B	EPA 8260	MSV/32717		
40129775021	MW-68B	EPA 8260	MSV/32723		
40129775022	MW-70A	EPA 8260	MSV/32723		
40129775023	MW-74B	EPA 8260	MSV/32723		
40129775024	MW-76A	EPA 8260	MSV/32723		
40129775025	MW-77C	EPA 8260	MSV/32723		
40129775026	TRIP BLANK	EPA 8260	MSV/32723		
40129775027	FIELD BLANK	EPA 8260	MSV/32723		
40129775028	MW-74A	EPA 8260	MSV/32723		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

(Please Print Clearly)

Company Name: *Gunn H Fleming*
 Branch/Location: *Madison, WI*
 Project Contact:
 Phone:
 Project Number: *34283.000*
 Project Name:
 Project State: *See pg 1*
 Sampled By (Print):
 Sampled By (Sign):



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analysis Requested																		
		N	Y																	
	B	A																		

PO #: _____ Regulatory Program: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
014	EW-5 U	3/21/16	16:40	GW
015	EW-5 L	"	16:40	
016	EC-1	3/22/16	14:40	
	EC-1 MS	"		
	EC-1 MS dup	"		
017	EW-6	3/24/16	15:15	
018	MW-23A	3/22/16	11:25	
019	MW-23B	"	"	
020	MW-34B	3/21/16	14:05	
021	MW-68B	"	14:55	
022	MW-70A	"	13:50	
023	MW-74B	"	14:45	
024	MW-76A MSD	"	15:20	

Quote #:
 Mail To Contact: *Cliff Wright*
 Mail To Company:
 Mail To Address: *See pg 1*
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address:
 Invoice To Phone:
 CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

3-40ml v^B
9-40ml v^B
1-250ml/p^D
9-40ml v^B

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By:	Date/Time:	Received By:	Date/Time:	PACE Project No. <i>40129775</i>
	Transmit Prelim Rush Results by (complete what you want):	<i>Dunham</i>	<i>3/24/16 0730</i>	<i>Pace Paul</i>	
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Receipt Temp = <i>201</i> °C
Email #2:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Sample Receipt pH <i>OK Adjusted</i>
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Cooler Custody Seal <i>Present / Not Present</i>
Fax:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Intact / Not Intact

(Please Print Clearly)

Company Name: Granna H Flewing
 Branch/Location:
 Project Contact:
 Phone:
 Project Number: See pg 1
 Project Name:
 Project State:
 Sampled By (Print):
 Sampled By (Sign):
 PO #:
 Regulatory Program:



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested
N	B	VOO
Y	A	NPI Short list
		Cadmium

Quote #:
 Mail To Contact:
 Mail To Company:
 Mail To Address: See pg 1
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address:
 Invoice To Phone:
 CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

3-40ml v^B
 2-40ml v^B
 1-250ml p^D

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
025	MW-77C	3/21/16	15:50	GW
026	Trip Blank	3/21/16		
027	Field Blank	3/22/16	17:00	
028	MW-74A	3/21/16	14:45	
	MW-76A		15:20	
	MW-76A MS		15:20	
029	MW-10B	3/21	13:35	
030	MW-10A		13:35	
	MW-74		14:55	
031	MW-75 (75)		14:20	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed:
 Transmit Prelim Rush Results by (complete what you want):

Relinquished By: Dunham Date/Time: 3/27/16 11:30
 Relinquished By: 3/24/16 r
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: Race Pace Date/Time: 3/24/16 07:30
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No. 40129775
 Receipt Temp = 20.1 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present Intact / Not Intact

Samples on HOLD are subject to special pricing and release of liability

Sample Condition Upon Receipt

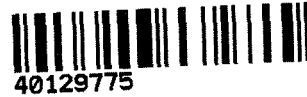
Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302



Project #

WO#: 40129775

Client Name: gannett fleming
 Courier: Fed Ex UPS Client Pace Other: Dunham
 Tracking #: 1147990



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no
 Custody Seal on Samples Present: yes no Seals intact: yes no
 Packing Material: Bubble Wrap Bubble Bags None Other
 Thermometer Used: N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun
 Cooler Temperature: Uncorr: RDI / Corr: Biological Tissue is Frozen: yes no
 Temp Blank Present: yes no

Person examining contents:
Date: 3/24/16
Initials: [Signature]

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO ₃ , H ₂ SO ₄ ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: <input checked="" type="checkbox"/> VOA coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed: <u>TL</u> Lab Std #ID of preservative: Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____

Comments/ Resolution:
on page 3 TWA + TWAMS was placed with 034 on page 2 3/24/16 TL

Project Manager Review: [Signature] Date: 3/24/16

March 31, 2016

Project #34283.000
NPI ECMWF
Reviewed by CCW
4/4/16

Clifford Wright
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717


RE: Project: 34283.000 NPI
Pace Project No.: 40129778

Dear Clifford Wright:

Enclosed are the analytical results for sample(s) received by the laboratory on March 24, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Marcia Kuehl, MAKuehl Co.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: 34283.000 NPI
Pace Project No.: 40129778

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
525 N 8th Street, Salina, KS 67401
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #: 14-008r
Georgia Certification #: 959
Georgia EPD #: Pace
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909

Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE SUMMARY

Project: 34283.000 NPI

Pace Project No.: 40129778

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40129778001	CW-11	Water	03/22/16 14:10	03/24/16 07:30
40129778002	CW-15	Water	03/22/16 14:18	03/24/16 07:30
40129778003	CW-16	Water	03/22/16 14:30	03/24/16 07:30
40129778004	CW-17	Water	03/22/16 14:20	03/24/16 07:30
40129778005	CW-19	Water	03/22/16 14:15	03/24/16 07:30
40129778006	RAW	Water	03/22/16 14:02	03/24/16 07:30
40129778007	TOWER A	Water	03/22/16 14:06	03/24/16 07:30
40129778008	TOWER B	Water	03/22/16 14:08	03/24/16 07:30
40129778009	FINISHED PRODUCT	Water	03/22/16 14:00	03/24/16 07:30
40129778010	TRIP BLANK	Water	03/22/16 00:00	03/24/16 07:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: 34283.000 NPI

Pace Project No.: 40129778

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40129778001	CW-11	EPA 524.2	DJB	8	PASI-M
40129778002	CW-15	EPA 524.2	DJB	8	PASI-M
40129778003	CW-16	EPA 524.2	DJB	8	PASI-M
40129778004	CW-17	EPA 524.2	DJB	8	PASI-M
40129778005	CW-19	EPA 524.2	DJB	8	PASI-M
40129778006	RAW	EPA 524.2	DJB	8	PASI-M
40129778007	TOWER A	EPA 524.2	DJB	8	PASI-M
40129778008	TOWER B	EPA 524.2	DJB	8	PASI-M
40129778009	FINISHED PRODUCT	EPA 524.2	DJB	8	PASI-M
40129778010	TRIP BLANK	EPA 524.2	DJB	8	PASI-M

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SUMMARY OF DETECTION

Project: 34283.000 NPI

Pace Project No.: 40129778

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40129778002	CW-15					
EPA 524.2	Trichloroethene	0.15J	ug/L	0.40	03/29/16 16:55	
40129778005	CW-19					
EPA 524.2	Trichloroethene	1.8	ug/L	0.40	03/29/16 18:24	
40129778006	RAW					
EPA 524.2	Trichloroethene	0.70	ug/L	0.40	03/29/16 18:47	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: 34283.000 NPI

Pace Project No.: 40129778

Method: EPA 524.2

Description: 524.2 MSV

Client: Gannett Fleming Inc.

Date: March 31, 2016

General Information:

10 samples were analyzed for EPA 524.2. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129778

Sample: CW-11 **Lab ID: 40129778001** Collected: 03/22/16 14:10 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		03/29/16 15:26	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		03/29/16 15:26	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		03/29/16 15:26	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		03/29/16 15:26	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		03/29/16 15:26	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	75-125		1		03/29/16 15:26	460-00-4	
Toluene-d8 (S)	94	%	75-125		1		03/29/16 15:26	2037-26-5	
1,2-Dichloroethane-d4 (S)	105	%	75-125		1		03/29/16 15:26	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129778

Sample: CW-15 **Lab ID: 40129778002** Collected: 03/22/16 14:18 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		03/29/16 16:55	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		03/29/16 16:55	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		03/29/16 16:55	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		03/29/16 16:55	71-55-6	
Trichloroethene	0.15J	ug/L	0.40	0.14	1		03/29/16 16:55	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	75-125		1		03/29/16 16:55	460-00-4	
Toluene-d8 (S)	96	%	75-125		1		03/29/16 16:55	2037-26-5	
1,2-Dichloroethane-d4 (S)	100	%	75-125		1		03/29/16 16:55	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129778

Sample: CW-16 **Lab ID: 40129778003** Collected: 03/22/16 14:30 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		03/29/16 17:40	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		03/29/16 17:40	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		03/29/16 17:40	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		03/29/16 17:40	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		03/29/16 17:40	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	75-125		1		03/29/16 17:40	460-00-4	
Toluene-d8 (S)	92	%	75-125		1		03/29/16 17:40	2037-26-5	
1,2-Dichloroethane-d4 (S)	102	%	75-125		1		03/29/16 17:40	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129778

Sample: CW-17 **Lab ID: 40129778004** Collected: 03/22/16 14:20 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		03/29/16 18:02	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		03/29/16 18:02	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		03/29/16 18:02	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		03/29/16 18:02	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		03/29/16 18:02	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	75-125		1		03/29/16 18:02	460-00-4	
Toluene-d8 (S)	95	%	75-125		1		03/29/16 18:02	2037-26-5	
1,2-Dichloroethane-d4 (S)	103	%	75-125		1		03/29/16 18:02	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129778

Sample: CW-19 **Lab ID: 40129778005** Collected: 03/22/16 14:15 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		03/29/16 18:24	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		03/29/16 18:24	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		03/29/16 18:24	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		03/29/16 18:24	71-55-6	
Trichloroethene	1.8	ug/L	0.40	0.14	1		03/29/16 18:24	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	109	%	75-125		1		03/29/16 18:24	460-00-4	
Toluene-d8 (S)	96	%	75-125		1		03/29/16 18:24	2037-26-5	
1,2-Dichloroethane-d4 (S)	104	%	75-125		1		03/29/16 18:24	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129778

Sample: RAW **Lab ID: 40129778006** Collected: 03/22/16 14:02 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		03/29/16 18:47	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		03/29/16 18:47	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		03/29/16 18:47	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		03/29/16 18:47	71-55-6	
Trichloroethene	0.70	ug/L	0.40	0.14	1		03/29/16 18:47	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	109	%	75-125		1		03/29/16 18:47	460-00-4	
Toluene-d8 (S)	93	%	75-125		1		03/29/16 18:47	2037-26-5	
1,2-Dichloroethane-d4 (S)	104	%	75-125		1		03/29/16 18:47	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129778

Sample: TOWER A **Lab ID: 40129778007** Collected: 03/22/16 14:06 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		03/29/16 19:09	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		03/29/16 19:09	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		03/29/16 19:09	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		03/29/16 19:09	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		03/29/16 19:09	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	108	%	75-125		1		03/29/16 19:09	460-00-4	
Toluene-d8 (S)	94	%	75-125		1		03/29/16 19:09	2037-26-5	
1,2-Dichloroethane-d4 (S)	101	%	75-125		1		03/29/16 19:09	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129778

Sample: TOWER B **Lab ID: 40129778008** Collected: 03/22/16 14:08 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		03/29/16 19:31	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		03/29/16 19:31	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		03/29/16 19:31	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		03/29/16 19:31	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		03/29/16 19:31	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	75-125		1		03/29/16 19:31	460-00-4	
Toluene-d8 (S)	93	%	75-125		1		03/29/16 19:31	2037-26-5	
1,2-Dichloroethane-d4 (S)	104	%	75-125		1		03/29/16 19:31	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129778

Sample: FINISHED PRODUCT **Lab ID: 40129778009** Collected: 03/22/16 14:00 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		03/29/16 19:53	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		03/29/16 19:53	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		03/29/16 19:53	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		03/29/16 19:53	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		03/29/16 19:53	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	109	%	75-125		1		03/29/16 19:53	460-00-4	
Toluene-d8 (S)	93	%	75-125		1		03/29/16 19:53	2037-26-5	
1,2-Dichloroethane-d4 (S)	106	%	75-125		1		03/29/16 19:53	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40129778

Sample: TRIP BLANK **Lab ID: 40129778010** Collected: 03/22/16 00:00 Received: 03/24/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		03/29/16 15:04	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		03/29/16 15:04	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		03/29/16 15:04	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		03/29/16 15:04	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		03/29/16 15:04	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	108	%	75-125		1		03/29/16 15:04	460-00-4	
Toluene-d8 (S)	93	%	75-125		1		03/29/16 15:04	2037-26-5	
1,2-Dichloroethane-d4 (S)	102	%	75-125		1		03/29/16 15:04	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283.000 NPI
Pace Project No.: 40129778

QC Batch: MSV/35015 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 40129778001, 40129778002, 40129778003, 40129778004, 40129778005, 40129778006, 40129778007, 40129778008, 40129778009, 40129778010

METHOD BLANK: 2218716 Matrix: Water
Associated Lab Samples: 40129778001, 40129778002, 40129778003, 40129778004, 40129778005, 40129778006, 40129778007, 40129778008, 40129778009, 40129778010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.20	0.50	03/29/16 13:57	
1,1-Dichloroethane	ug/L	<0.19	0.50	03/29/16 13:57	
1,1-Dichloroethene	ug/L	<0.17	0.50	03/29/16 13:57	
Tetrachloroethene	ug/L	<0.15	0.50	03/29/16 13:57	
Trichloroethene	ug/L	<0.14	0.40	03/29/16 13:57	
1,2-Dichloroethane-d4 (S)	%	102	75-125	03/29/16 13:57	
4-Bromofluorobenzene (S)	%	107	75-125	03/29/16 13:57	
Toluene-d8 (S)	%	95	75-125	03/29/16 13:57	

LABORATORY CONTROL SAMPLE & LCSD: 2218717 2218718

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.7	19.8	104	99	70-130	5	20	
1,1-Dichloroethane	ug/L	20	22.3	21.0	112	105	70-130	6	20	
1,1-Dichloroethene	ug/L	20	18.5	16.4	93	82	70-130	12	20	
Tetrachloroethene	ug/L	20	18.6	16.8	93	84	70-130	10	20	
Trichloroethene	ug/L	20	20.7	19.4	104	97	70-130	7	20	
1,2-Dichloroethane-d4 (S)	%				107	96	75-125			
4-Bromofluorobenzene (S)	%				103	101	75-125			
Toluene-d8 (S)	%				92	91	75-125			

MATRIX SPIKE SAMPLE: 2218955

Parameter	Units	40129778001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.20	20	21.2	106	70-130	
1,1-Dichloroethane	ug/L	<0.19	20	20.8	104	70-130	
1,1-Dichloroethene	ug/L	<0.17	20	21.1	106	70-130	
Tetrachloroethene	ug/L	<0.15	20	18.5	93	70-130	
Trichloroethene	ug/L	<0.14	20	20.5	103	70-130	
1,2-Dichloroethane-d4 (S)	%				102	75-125	
4-Bromofluorobenzene (S)	%				105	75-125	
Toluene-d8 (S)	%				92	75-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283.000 NPI

Pace Project No.: 40129778

SAMPLE DUPLICATE: 2218956

Parameter	Units	40129778002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.20	<0.20		20	
1,1-Dichloroethane	ug/L	<0.19	<0.19		20	
1,1-Dichloroethene	ug/L	<0.17	<0.17		20	
Tetrachloroethene	ug/L	<0.15	<0.15		20	
Trichloroethene	ug/L	0.15J	0.18J		20	
1,2-Dichloroethane-d4 (S)	%.	100	104	4		
4-Bromofluorobenzene (S)	%.	110	107	3		
Toluene-d8 (S)	%.	96	97	1		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALIFIERS

Project: 34283.000 NPI

Pace Project No.: 40129778

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 34283.000 NPI

Pace Project No.: 40129778

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40129778001	CW-11	EPA 524.2	MSV/35015		
40129778002	CW-15	EPA 524.2	MSV/35015		
40129778003	CW-16	EPA 524.2	MSV/35015		
40129778004	CW-17	EPA 524.2	MSV/35015		
40129778005	CW-19	EPA 524.2	MSV/35015		
40129778006	RAW	EPA 524.2	MSV/35015		
40129778007	TOWER A	EPA 524.2	MSV/35015		
40129778008	TOWER B	EPA 524.2	MSV/35015		
40129778009	FINISHED PRODUCT	EPA 524.2	MSV/35015		
40129778010	TRIP BLANK	EPA 524.2	MSV/35015		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..



Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #:

WO#: 40129778



Client Name: gannett fleming

Courier: Fed Ex UPS Client Pace Other: Durham

Tracking #: 1147990

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: RDI /Corr: Biological Tissue is Frozen: yes no

Temp Blank Present: yes no

Person examining contents:

Date: 3/24/16

Initials: JH

Temp should be above freezing to 6°C for all sample except Biota.

Frozen Biota Samples should be received ≤ 0°C.

Comments:

Table with 15 rows of inspection criteria and checkboxes. Includes items like Chain of Custody Present, Short Hold Time Analysis, Rush Turn Around Time, Containers Intact, and Trip Blank Present.

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review:

Signature of Project Manager

Date: 3-24-16

June 23, 2016

Project #34283.000
NPI Q2 gw (1 of 3)
Reviewed by DJO
6/29/16

Clifford Wright
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717

RE: Project: 34283-000 NAT'L PRESTO, INC
Pace Project No.: 40133811

Dear Clifford Wright:

Enclosed are the analytical results for sample(s) received by the laboratory on June 15, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Marcia Kuehl, MAKuehl Co.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

Virginia VELAP ID: 460263

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

US Dept of Agriculture #: S-76505

Virginia VELAP Certification ID: 460263

Virginia VELAP ID: 460263

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE SUMMARY

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40133811001	EW-1R 76'	Water	06/13/16 11:00	06/15/16 07:30
40133811002	EW-1R 86'	Water	06/13/16 10:58	06/15/16 07:30
40133811003	EW-1R 96'	Water	06/13/16 10:56	06/15/16 07:30
40133811004	EW-2 81'	Water	06/13/16 11:22	06/15/16 07:30
40133811005	EW-2 91'	Water	06/13/16 11:24	06/15/16 07:30
40133811006	MW-5A	Water	06/13/16 11:15	06/15/16 07:30
40133811007	MW-5B	Water	06/13/16 11:20	06/15/16 07:30
40133811008	MW-62AR	Water	06/13/16 10:45	06/15/16 07:30
40133811009	MW-62B	Water	06/13/16 10:40	06/15/16 07:30
40133811010	MW-62C	Water	06/13/16 10:50	06/15/16 07:30
40133811011	MW-63A	Water	06/13/16 11:30	06/15/16 07:30
40133811012	MW-63B	Water	06/13/16 11:28	06/15/16 07:30
40133811013	MW-66A	Water	06/13/16 10:20	06/15/16 07:30
40133811014	MW-66B	Water	06/13/16 10:27	06/15/16 07:30
40133811015	EW-5 88'	Water	06/13/16 13:40	06/15/16 07:30
40133811016	EW-6	Water	06/13/16 12:55	06/15/16 07:30
40133811017	MH-18	Water	06/13/16 13:55	06/15/16 07:30
40133811018	MW-4A	Water	06/13/16 13:20	06/15/16 07:30
40133811019	MW-4B	Water	06/13/16 13:18	06/15/16 07:30
40133811020	MW-23A	Water	06/13/16 16:20	06/15/16 07:30
40133811021	MW-23B	Water	06/13/16 16:18	06/15/16 07:30
40133811022	MW-34A	Water	06/13/16 15:00	06/15/16 07:30
40133811023	MW-34B	Water	06/13/16 14:50	06/15/16 07:30
40133811024	MW-34C	Water	06/13/16 14:55	06/15/16 07:30
40133811025	MW-38A	Water	06/13/16 16:45	06/15/16 07:30
40133811026	MW-38A DUP	Water	06/13/16 16:45	06/15/16 07:30
40133811027	MW-38B	Water	06/13/16 16:50	06/15/16 07:30
40133811028	MW-38C	Water	06/13/16 16:55	06/15/16 07:30
40133811029	MW-68A	Water	06/13/16 14:20	06/15/16 07:30
40133811030	MW-68B	Water	06/13/16 14:18	06/15/16 07:30
40133811031	MW-70A	Water	06/13/16 14:38	06/15/16 07:30
40133811032	MW-70B	Water	06/13/16 14:40	06/15/16 07:30
40133811033	MW-74A	Water	06/13/16 14:08	06/15/16 07:30
40133811034	MW-74B	Water	06/13/16 14:05	06/15/16 07:30
40133811035	MW-76A	Water	06/13/16 12:30	06/15/16 07:30
40133811036	MW-76B	Water	06/13/16 12:32	06/15/16 07:30
40133811037	MW-77A	Water	06/13/16 13:05	06/15/16 07:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE SUMMARY

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40133811038	MW-77B	Water	06/13/16 13:08	06/15/16 07:30
40133811039	MW-77C	Water	06/13/16 13:10	06/15/16 07:30
40133811040	PW-3R	Water	06/13/16 12:25	06/15/16 07:30
40133811041	RW-2A	Water	06/13/16 16:04	06/15/16 07:30
40133811042	RW-2A DUP	Water	06/13/16 16:04	06/15/16 07:30
40133811043	RW-2B	Water	06/13/16 16:02	06/15/16 07:30
40133811044	RW-2C	Water	06/13/16 16:06	06/15/16 07:30
40133811045	RW-15	Water	06/13/16 17:00	06/15/16 07:30
40133811046	WW-15	Water	06/13/16 16:35	06/15/16 07:30
40133811047	MW-65B	Water	06/13/16 15:30	06/15/16 07:30
40133811048	MW-65C	Water	06/13/16 15:25	06/15/16 07:30
40133811049	MW-51B	Water	06/14/16 07:55	06/15/16 07:30
40133811050	MW-52A	Water	06/14/16 08:00	06/15/16 07:30
40133811051	MW-52B	Water	06/14/16 08:05	06/15/16 07:30
40133811052	MW-53B	Water	06/14/16 08:10	06/15/16 07:30
40133811053	MW-54B	Water	06/14/16 08:25	06/15/16 07:30
40133811054	MW-54C	Water	06/14/16 08:23	06/15/16 07:30
40133811055	MW-55B	Water	06/14/16 08:50	06/15/16 07:30
40133811056	MW-55C	Water	06/14/16 08:45	06/15/16 07:30
40133811057	TRIP BLANK	Water	06/14/16 00:00	06/15/16 07:30
40133811058	MW-66C	Water	06/13/16 10:24	06/15/16 07:30
40133811059	MW-26B	Water	06/14/16 13:50	06/15/16 07:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: 34283-000 NAT'L PRESTO, INC
Pace Project No.: 40133811

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40133811001	EW-1R 76'	EPA 8260	LAP	8	PASI-G
40133811002	EW-1R 86'	EPA 8260	LAP	8	PASI-G
40133811003	EW-1R 96'	EPA 8260	LAP	8	PASI-G
40133811004	EW-2 81'	EPA 8260	LAP	8	PASI-G
40133811005	EW-2 91'	EPA 8260	LAP	8	PASI-G
40133811006	MW-5A	EPA 8260	LAP	8	PASI-G
40133811007	MW-5B	EPA 8260	LAP	8	PASI-G
40133811008	MW-62AR	EPA 8260	LAP	8	PASI-G
40133811009	MW-62B	EPA 8260	LAP	8	PASI-G
40133811010	MW-62C	EPA 8260	LAP	8	PASI-G
40133811011	MW-63A	EPA 8260	LAP	8	PASI-G
40133811012	MW-63B	EPA 8260	LAP	8	PASI-G
40133811013	MW-66A	EPA 8260	LAP	8	PASI-G
40133811014	MW-66B	EPA 8260	LAP	8	PASI-G
40133811015	EW-5 88'	EPA 8260	LAP	8	PASI-G
40133811016	EW-6	EPA 8260	LAP	8	PASI-G
40133811017	MH-18	EPA 8260	LAP	8	PASI-G
40133811018	MW-4A	EPA 8260	LAP	8	PASI-G
40133811019	MW-4B	EPA 8260	LAP	8	PASI-G
40133811020	MW-23A	EPA 8260	LAP	8	PASI-G
40133811021	MW-23B	EPA 8260	LAP	8	PASI-G
40133811022	MW-34A	EPA 8260	LAP	8	PASI-G
40133811023	MW-34B	EPA 8260	LAP	8	PASI-G
40133811024	MW-34C	EPA 8260	LAP	8	PASI-G
40133811025	MW-38A	EPA 8260	LAP	8	PASI-G
40133811026	MW-38A DUP	EPA 8260	LAP	8	PASI-G
40133811027	MW-38B	EPA 8260	LAP	8	PASI-G
40133811028	MW-38C	EPA 8260	LAP	8	PASI-G
40133811029	MW-68A	EPA 8260	LAP	8	PASI-G
40133811030	MW-68B	EPA 8260	LAP	8	PASI-G
40133811031	MW-70A	EPA 8260	LAP	8	PASI-G
40133811032	MW-70B	EPA 8260	LAP	8	PASI-G
40133811033	MW-74A	EPA 8260	LAP	8	PASI-G
40133811034	MW-74B	EPA 8260	LAP	8	PASI-G
40133811035	MW-76A	EPA 8260	HNW	8	PASI-G
40133811036	MW-76B	EPA 8260	LAP	8	PASI-G
40133811037	MW-77A	EPA 8260	LAP	8	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40133811038	MW-77B	EPA 8260	LAP	8	PASI-G
40133811039	MW-77C	EPA 8260	HNW	8	PASI-G
40133811040	PW-3R	EPA 8260	HNW	8	PASI-G
40133811041	RW-2A	EPA 8260	HNW	8	PASI-G
40133811042	RW-2A DUP	EPA 8260	HNW	8	PASI-G
40133811043	RW-2B	EPA 8260	HNW	8	PASI-G
40133811044	RW-2C	EPA 8260	HNW	8	PASI-G
40133811045	RW-15	EPA 8260	HNW	8	PASI-G
40133811046	WW-15	EPA 8260	HNW	8	PASI-G
40133811047	MW-65B	EPA 8260	HNW	8	PASI-G
40133811048	MW-65C	EPA 8260	HNW	8	PASI-G
40133811049	MW-51B	EPA 8260	LAP	8	PASI-G
40133811050	MW-52A	EPA 8260	HNW	8	PASI-G
40133811051	MW-52B	EPA 8260	HNW	8	PASI-G
40133811052	MW-53B	EPA 8260	HNW	8	PASI-G
40133811053	MW-54B	EPA 8260	HNW	8	PASI-G
40133811054	MW-54C	EPA 8260	HNW	8	PASI-G
40133811055	MW-55B	EPA 8260	HNW	8	PASI-G
40133811056	MW-55C	EPA 8260	HNW	8	PASI-G
40133811057	TRIP BLANK	EPA 8260	HNW	8	PASI-G
40133811058	MW-66C	EPA 8260	HNW	8	PASI-G
40133811059	MW-26B	EPA 8260	HNW	8	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SUMMARY OF DETECTION

Project: 34283-000 NAT'L PRESTO, INC
Pace Project No.: 40133811

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40133811015	EW-5 88'					
EPA 8260	Trichloroethene	0.34J	ug/L	1.0	06/16/16 21:56	
40133811016	EW-6					
EPA 8260	1,1,1-Trichloroethane	1.5	ug/L	1.0	06/16/16 22:18	
EPA 8260	Trichloroethene	0.81J	ug/L	1.0	06/16/16 22:18	
40133811017	MH-18					
EPA 8260	1,1,1-Trichloroethane	1.0	ug/L	1.0	06/16/16 22:41	
EPA 8260	Trichloroethene	0.65J	ug/L	1.0	06/16/16 22:41	
40133811019	MW-4B					
EPA 8260	Trichloroethene	0.83J	ug/L	1.0	06/17/16 11:27	
40133811020	MW-23A					
EPA 8260	Trichloroethene	1.5	ug/L	1.0	06/17/16 11:49	
40133811021	MW-23B					
EPA 8260	Trichloroethene	2.1	ug/L	1.0	06/17/16 12:12	
40133811022	MW-34A					
EPA 8260	1,1-Dichloroethane	0.59J	ug/L	1.0	06/17/16 12:34	
40133811025	MW-38A					
EPA 8260	Trichloroethene	2.2	ug/L	1.0	06/17/16 17:27	
40133811026	MW-38A DUP					
EPA 8260	Trichloroethene	1.8	ug/L	1.0	06/17/16 17:49	
40133811027	MW-38B					
EPA 8260	1,1,1-Trichloroethane	0.79J	ug/L	1.0	06/17/16 10:42	
EPA 8260	Trichloroethene	3.7	ug/L	1.0	06/17/16 10:42	
40133811028	MW-38C					
EPA 8260	Trichloroethene	1.5	ug/L	1.0	06/17/16 17:04	
40133811029	MW-68A					
EPA 8260	Trichloroethene	0.41J	ug/L	1.0	06/17/16 13:19	
40133811030	MW-68B					
EPA 8260	Trichloroethene	0.37J	ug/L	1.0	06/17/16 13:42	
40133811031	MW-70A					
EPA 8260	1,1-Dichloroethane	0.40J	ug/L	1.0	06/17/16 14:04	
EPA 8260	Trichloroethene	0.74J	ug/L	1.0	06/17/16 14:04	
40133811035	MW-76A					
EPA 8260	1,1,1-Trichloroethane	0.61J	ug/L	1.0	06/21/16 16:26	
EPA 8260	Trichloroethene	0.38J	ug/L	1.0	06/21/16 16:26	
40133811037	MW-77A					
EPA 8260	Trichloroethene	1.3	ug/L	1.0	06/17/16 15:57	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SUMMARY OF DETECTION

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40133811038	MW-77B					
EPA 8260	Trichloroethene	1.6	ug/L	1.0	06/17/16 16:19	
40133811039	MW-77C					
EPA 8260	Trichloroethene	0.66J	ug/L	1.0	06/17/16 09:47	
40133811041	RW-2A					
EPA 8260	Trichloroethene	0.91J	ug/L	1.0	06/17/16 10:32	
40133811042	RW-2A DUP					
EPA 8260	Trichloroethene	0.98J	ug/L	1.0	06/17/16 10:54	
40133811043	RW-2B					
EPA 8260	1,1,1-Trichloroethane	0.66J	ug/L	1.0	06/17/16 11:17	
EPA 8260	Trichloroethene	1.8	ug/L	1.0	06/17/16 11:17	
40133811044	RW-2C					
EPA 8260	Trichloroethene	1.6	ug/L	1.0	06/17/16 11:39	
40133811045	RW-15					
EPA 8260	Trichloroethene	3.7	ug/L	1.0	06/17/16 12:01	
40133811046	WW-15					
EPA 8260	Trichloroethene	1.3	ug/L	1.0	06/17/16 12:24	
40133811047	MW-65B					
EPA 8260	Trichloroethene	0.53J	ug/L	1.0	06/17/16 12:46	
40133811048	MW-65C					
EPA 8260	Trichloroethene	0.56J	ug/L	1.0	06/17/16 13:09	
40133811049	MW-51B					
EPA 8260	1,1,1-Trichloroethane	0.51J	ug/L	1.0	06/22/16 22:52	
EPA 8260	Trichloroethene	4.5	ug/L	1.0	06/22/16 22:52	
40133811050	MW-52A					
EPA 8260	Trichloroethene	4.4	ug/L	1.0	06/17/16 09:02	
40133811051	MW-52B					
EPA 8260	Trichloroethene	0.37J	ug/L	1.0	06/17/16 13:31	
40133811052	MW-53B					
EPA 8260	Trichloroethene	0.80J	ug/L	1.0	06/17/16 13:53	
40133811053	MW-54B					
EPA 8260	Trichloroethene	3.8	ug/L	1.0	06/17/16 14:16	
40133811054	MW-54C					
EPA 8260	1,1,1-Trichloroethane	0.57J	ug/L	1.0	06/17/16 14:38	
EPA 8260	Trichloroethene	4.7	ug/L	1.0	06/17/16 14:38	
40133811055	MW-55B					
EPA 8260	Trichloroethene	1.9	ug/L	1.0	06/17/16 15:00	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SUMMARY OF DETECTION

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40133811059	MW-26B					
EPA 8260	Trichloroethene	0.38J	ug/L	1.0	06/21/16 19:16	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Method: EPA 8260

Description: 8260 MSV

Client: Gannett Fleming Inc.

Date: June 23, 2016

General Information:

59 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: EW-1R 76' **Lab ID:** 40133811001 Collected: 06/13/16 11:00 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 00:33	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 00:33	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 00:33	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 00:33	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 00:33	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/17/16 00:33	460-00-4	
Dibromofluoromethane (S)	119	%	70-130		1		06/17/16 00:33	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		06/17/16 00:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: EW-1R 86' **Lab ID:** 40133811002 Collected: 06/13/16 10:58 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 00:56	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 00:56	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 00:56	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 00:56	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 00:56	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		06/17/16 00:56	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		06/17/16 00:56	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/17/16 00:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: EW-1R 96' **Lab ID:** 40133811003 Collected: 06/13/16 10:56 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 01:18	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 01:18	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 01:18	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 01:18	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 01:18	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/17/16 01:18	460-00-4	
Dibromofluoromethane (S)	116	%	70-130		1		06/17/16 01:18	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/17/16 01:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: EW-2 81' **Lab ID: 40133811004** Collected: 06/13/16 11:22 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/16/16 23:03	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/16/16 23:03	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/16/16 23:03	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/16/16 23:03	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/16/16 23:03	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/16/16 23:03	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		06/16/16 23:03	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/16/16 23:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: EW-2 91' **Lab ID: 40133811005** Collected: 06/13/16 11:24 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/16/16 23:26	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/16/16 23:26	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/16/16 23:26	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/16/16 23:26	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/16/16 23:26	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/16/16 23:26	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		06/16/16 23:26	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/16/16 23:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-5A **Lab ID: 40133811006** Collected: 06/13/16 11:15 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/16/16 23:48	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/16/16 23:48	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/16/16 23:48	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/16/16 23:48	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/16/16 23:48	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/16/16 23:48	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		06/16/16 23:48	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/16/16 23:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-5B **Lab ID: 40133811007** Collected: 06/13/16 11:20 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 00:11	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 00:11	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 00:11	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 00:11	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 00:11	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/17/16 00:11	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		06/17/16 00:11	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/17/16 00:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-62AR **Lab ID: 40133811008** Collected: 06/13/16 10:45 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/16/16 19:18	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/16/16 19:18	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/16/16 19:18	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/16/16 19:18	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/16/16 19:18	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/16/16 19:18	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/16/16 19:18	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/16/16 19:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-62B **Lab ID: 40133811009** Collected: 06/13/16 10:40 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/16/16 19:41	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/16/16 19:41	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/16/16 19:41	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/16/16 19:41	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/16/16 19:41	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/16/16 19:41	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		06/16/16 19:41	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/16/16 19:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-62C **Lab ID: 40133811010** Collected: 06/13/16 10:50 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/16/16 20:03	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/16/16 20:03	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/16/16 20:03	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/16/16 20:03	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/16/16 20:03	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/16/16 20:03	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		06/16/16 20:03	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/16/16 20:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-63A **Lab ID: 40133811011** Collected: 06/13/16 11:30 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/16/16 20:26	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/16/16 20:26	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/16/16 20:26	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/16/16 20:26	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/16/16 20:26	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/16/16 20:26	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		06/16/16 20:26	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/16/16 20:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-63B **Lab ID: 40133811012** Collected: 06/13/16 11:28 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/16/16 20:48	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/16/16 20:48	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/16/16 20:48	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/16/16 20:48	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/16/16 20:48	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		06/16/16 20:48	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		06/16/16 20:48	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/16/16 20:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-66A **Lab ID: 40133811013** Collected: 06/13/16 10:20 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/16/16 21:11	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/16/16 21:11	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/16/16 21:11	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/16/16 21:11	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/16/16 21:11	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/16/16 21:11	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		06/16/16 21:11	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/16/16 21:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-66B **Lab ID: 40133811014** Collected: 06/13/16 10:27 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/16/16 21:33	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/16/16 21:33	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/16/16 21:33	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/16/16 21:33	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/16/16 21:33	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/16/16 21:33	460-00-4	
Dibromofluoromethane (S)	114	%	70-130		1		06/16/16 21:33	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/16/16 21:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: EW-5 88' **Lab ID: 40133811015** Collected: 06/13/16 13:40 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/16/16 21:56	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/16/16 21:56	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/16/16 21:56	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/16/16 21:56	127-18-4	
Trichloroethene	0.34J	ug/L	1.0	0.33	1		06/16/16 21:56	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		06/16/16 21:56	460-00-4	
Dibromofluoromethane (S)	115	%	70-130		1		06/16/16 21:56	1868-53-7	
Toluene-d8 (S)	77	%	70-130		1		06/16/16 21:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: EW-6 **Lab ID: 40133811016** Collected: 06/13/16 12:55 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	1.5	ug/L	1.0	0.50	1		06/16/16 22:18	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/16/16 22:18	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/16/16 22:18	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/16/16 22:18	127-18-4	
Trichloroethene	0.81J	ug/L	1.0	0.33	1		06/16/16 22:18	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/16/16 22:18	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		06/16/16 22:18	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/16/16 22:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MH-18 **Lab ID: 40133811017** Collected: 06/13/16 13:55 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	1.0	ug/L	1.0	0.50	1		06/16/16 22:41	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/16/16 22:41	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/16/16 22:41	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/16/16 22:41	127-18-4	
Trichloroethene	0.65J	ug/L	1.0	0.33	1		06/16/16 22:41	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		06/16/16 22:41	460-00-4	
Dibromofluoromethane (S)	114	%	70-130		1		06/16/16 22:41	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/16/16 22:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-4A **Lab ID: 40133811018** Collected: 06/13/16 13:20 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 11:04	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 11:04	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 11:04	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 11:04	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 11:04	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/17/16 11:04	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		06/17/16 11:04	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/17/16 11:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-4B **Lab ID: 40133811019** Collected: 06/13/16 13:18 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 11:27	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 11:27	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 11:27	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 11:27	127-18-4	
Trichloroethene	0.83J	ug/L	1.0	0.33	1		06/17/16 11:27	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/17/16 11:27	460-00-4	
Dibromofluoromethane (S)	114	%	70-130		1		06/17/16 11:27	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/17/16 11:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC
Pace Project No.: 40133811

Sample: MW-23A **Lab ID: 40133811020** Collected: 06/13/16 16:20 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 11:49	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 11:49	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 11:49	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 11:49	127-18-4	
Trichloroethene	1.5	ug/L	1.0	0.33	1		06/17/16 11:49	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/17/16 11:49	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		06/17/16 11:49	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/17/16 11:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-23B **Lab ID: 40133811021** Collected: 06/13/16 16:18 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 12:12	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 12:12	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 12:12	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 12:12	127-18-4	
Trichloroethene	2.1	ug/L	1.0	0.33	1		06/17/16 12:12	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		06/17/16 12:12	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		06/17/16 12:12	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/17/16 12:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-34A **Lab ID: 40133811022** Collected: 06/13/16 15:00 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 12:34	71-55-6	
1,1-Dichloroethane	0.59J	ug/L	1.0	0.24	1		06/17/16 12:34	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 12:34	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 12:34	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 12:34	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/17/16 12:34	460-00-4	
Dibromofluoromethane (S)	115	%	70-130		1		06/17/16 12:34	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/17/16 12:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-34B **Lab ID: 40133811023** Collected: 06/13/16 14:50 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 12:57	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 12:57	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 12:57	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 12:57	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 12:57	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/17/16 12:57	460-00-4	
Dibromofluoromethane (S)	114	%	70-130		1		06/17/16 12:57	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/17/16 12:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-34C **Lab ID: 40133811024** Collected: 06/13/16 14:55 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 16:42	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 16:42	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 16:42	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 16:42	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 16:42	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		06/17/16 16:42	460-00-4	
Dibromofluoromethane (S)	116	%	70-130		1		06/17/16 16:42	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/17/16 16:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-38A **Lab ID: 40133811025** Collected: 06/13/16 16:45 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 17:27	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 17:27	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 17:27	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 17:27	127-18-4	
Trichloroethene	2.2	ug/L	1.0	0.33	1		06/17/16 17:27	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		06/17/16 17:27	460-00-4	
Dibromofluoromethane (S)	117	%	70-130		1		06/17/16 17:27	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/17/16 17:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-38A DUP **Lab ID: 40133811026** Collected: 06/13/16 16:45 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 17:49	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 17:49	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 17:49	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 17:49	127-18-4	
Trichloroethene	1.8	ug/L	1.0	0.33	1		06/17/16 17:49	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/17/16 17:49	460-00-4	
Dibromofluoromethane (S)	117	%	70-130		1		06/17/16 17:49	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/17/16 17:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-38B **Lab ID: 40133811027** Collected: 06/13/16 16:50 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	0.79J	ug/L	1.0	0.50	1		06/17/16 10:42	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 10:42	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 10:42	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 10:42	127-18-4	
Trichloroethene	3.7	ug/L	1.0	0.33	1		06/17/16 10:42	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/17/16 10:42	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		06/17/16 10:42	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		06/17/16 10:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-38C **Lab ID: 40133811028** Collected: 06/13/16 16:55 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 17:04	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 17:04	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 17:04	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 17:04	127-18-4	
Trichloroethene	1.5	ug/L	1.0	0.33	1		06/17/16 17:04	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/17/16 17:04	460-00-4	
Dibromofluoromethane (S)	114	%	70-130		1		06/17/16 17:04	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/17/16 17:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-68A **Lab ID: 40133811029** Collected: 06/13/16 14:20 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 13:19	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 13:19	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 13:19	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 13:19	127-18-4	
Trichloroethene	0.41J	ug/L	1.0	0.33	1		06/17/16 13:19	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/17/16 13:19	460-00-4	
Dibromofluoromethane (S)	116	%	70-130		1		06/17/16 13:19	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/17/16 13:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-68B **Lab ID: 40133811030** Collected: 06/13/16 14:18 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 13:42	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 13:42	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 13:42	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 13:42	127-18-4	
Trichloroethene	0.37J	ug/L	1.0	0.33	1		06/17/16 13:42	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/17/16 13:42	460-00-4	
Dibromofluoromethane (S)	117	%	70-130		1		06/17/16 13:42	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/17/16 13:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-70A **Lab ID: 40133811031** Collected: 06/13/16 14:38 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 14:04	71-55-6	
1,1-Dichloroethane	0.40J	ug/L	1.0	0.24	1		06/17/16 14:04	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 14:04	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 14:04	127-18-4	
Trichloroethene	0.74J	ug/L	1.0	0.33	1		06/17/16 14:04	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/17/16 14:04	460-00-4	
Dibromofluoromethane (S)	116	%	70-130		1		06/17/16 14:04	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		06/17/16 14:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-70B **Lab ID: 40133811032** Collected: 06/13/16 14:40 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 14:27	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 14:27	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 14:27	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 14:27	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 14:27	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		06/17/16 14:27	460-00-4	
Dibromofluoromethane (S)	115	%	70-130		1		06/17/16 14:27	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/17/16 14:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-74A **Lab ID: 40133811033** Collected: 06/13/16 14:08 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 14:49	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 14:49	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 14:49	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 14:49	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 14:49	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		06/17/16 14:49	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/17/16 14:49	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		06/17/16 14:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-74B **Lab ID: 40133811034** Collected: 06/13/16 14:05 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 15:12	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 15:12	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 15:12	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 15:12	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 15:12	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/17/16 15:12	460-00-4	
Dibromofluoromethane (S)	115	%	70-130		1		06/17/16 15:12	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/17/16 15:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-76A **Lab ID: 40133811035** Collected: 06/13/16 12:30 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	0.61J	ug/L	1.0	0.50	1		06/21/16 16:26	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/21/16 16:26	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/21/16 16:26	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/21/16 16:26	127-18-4	
Trichloroethene	0.38J	ug/L	1.0	0.33	1		06/21/16 16:26	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/21/16 16:26	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/21/16 16:26	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/21/16 16:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-76B **Lab ID: 40133811036** Collected: 06/13/16 12:32 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 15:34	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 15:34	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 15:34	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 15:34	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 15:34	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/17/16 15:34	460-00-4	
Dibromofluoromethane (S)	123	%	70-130		1		06/17/16 15:34	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		06/17/16 15:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-77A **Lab ID: 40133811037** Collected: 06/13/16 13:05 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 15:57	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 15:57	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 15:57	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 15:57	127-18-4	
Trichloroethene	1.3	ug/L	1.0	0.33	1		06/17/16 15:57	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/17/16 15:57	460-00-4	
Dibromofluoromethane (S)	117	%	70-130		1		06/17/16 15:57	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/17/16 15:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-77B **Lab ID: 40133811038** Collected: 06/13/16 13:08 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 16:19	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 16:19	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 16:19	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 16:19	127-18-4	
Trichloroethene	1.6	ug/L	1.0	0.33	1		06/17/16 16:19	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		06/17/16 16:19	460-00-4	
Dibromofluoromethane (S)	116	%	70-130		1		06/17/16 16:19	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/17/16 16:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-77C **Lab ID: 40133811039** Collected: 06/13/16 13:10 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 09:47	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 09:47	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 09:47	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 09:47	127-18-4	
Trichloroethene	0.66J	ug/L	1.0	0.33	1		06/17/16 09:47	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/17/16 09:47	460-00-4	
Dibromofluoromethane (S)	117	%	70-130		1		06/17/16 09:47	1868-53-7	
Toluene-d8 (S)	84	%	70-130		1		06/17/16 09:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: PW-3R **Lab ID: 40133811040** Collected: 06/13/16 12:25 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 10:09	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 10:09	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 10:09	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 10:09	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 10:09	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/17/16 10:09	460-00-4	
Dibromofluoromethane (S)	119	%	70-130		1		06/17/16 10:09	1868-53-7	
Toluene-d8 (S)	85	%	70-130		1		06/17/16 10:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: RW-2A **Lab ID: 40133811041** Collected: 06/13/16 16:04 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 10:32	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 10:32	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 10:32	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 10:32	127-18-4	
Trichloroethene	0.91J	ug/L	1.0	0.33	1		06/17/16 10:32	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		06/17/16 10:32	460-00-4	
Dibromofluoromethane (S)	121	%	70-130		1		06/17/16 10:32	1868-53-7	
Toluene-d8 (S)	84	%	70-130		1		06/17/16 10:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: RW-2A DUP **Lab ID:** 40133811042 Collected: 06/13/16 16:04 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 10:54	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 10:54	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 10:54	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 10:54	127-18-4	
Trichloroethene	0.98J	ug/L	1.0	0.33	1		06/17/16 10:54	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		06/17/16 10:54	460-00-4	
Dibromofluoromethane (S)	119	%	70-130		1		06/17/16 10:54	1868-53-7	
Toluene-d8 (S)	85	%	70-130		1		06/17/16 10:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: RW-2B **Lab ID: 40133811043** Collected: 06/13/16 16:02 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	0.66J	ug/L	1.0	0.50	1		06/17/16 11:17	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 11:17	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 11:17	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 11:17	127-18-4	
Trichloroethene	1.8	ug/L	1.0	0.33	1		06/17/16 11:17	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/17/16 11:17	460-00-4	
Dibromofluoromethane (S)	121	%	70-130		1		06/17/16 11:17	1868-53-7	
Toluene-d8 (S)	85	%	70-130		1		06/17/16 11:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: RW-2C **Lab ID: 40133811044** Collected: 06/13/16 16:06 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 11:39	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 11:39	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 11:39	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 11:39	127-18-4	
Trichloroethene	1.6	ug/L	1.0	0.33	1		06/17/16 11:39	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/17/16 11:39	460-00-4	
Dibromofluoromethane (S)	117	%	70-130		1		06/17/16 11:39	1868-53-7	
Toluene-d8 (S)	84	%	70-130		1		06/17/16 11:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: RW-15 **Lab ID: 40133811045** Collected: 06/13/16 17:00 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 12:01	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 12:01	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 12:01	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 12:01	127-18-4	
Trichloroethene	3.7	ug/L	1.0	0.33	1		06/17/16 12:01	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		06/17/16 12:01	460-00-4	
Dibromofluoromethane (S)	117	%	70-130		1		06/17/16 12:01	1868-53-7	
Toluene-d8 (S)	84	%	70-130		1		06/17/16 12:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: WW-15 **Lab ID: 40133811046** Collected: 06/13/16 16:35 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 12:24	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 12:24	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 12:24	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 12:24	127-18-4	
Trichloroethene	1.3	ug/L	1.0	0.33	1		06/17/16 12:24	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		06/17/16 12:24	460-00-4	
Dibromofluoromethane (S)	120	%	70-130		1		06/17/16 12:24	1868-53-7	
Toluene-d8 (S)	84	%	70-130		1		06/17/16 12:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-65B **Lab ID: 40133811047** Collected: 06/13/16 15:30 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 12:46	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 12:46	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 12:46	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 12:46	127-18-4	
Trichloroethene	0.53J	ug/L	1.0	0.33	1		06/17/16 12:46	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	81	%	70-130		1		06/17/16 12:46	460-00-4	
Dibromofluoromethane (S)	118	%	70-130		1		06/17/16 12:46	1868-53-7	
Toluene-d8 (S)	83	%	70-130		1		06/17/16 12:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-65C **Lab ID: 40133811048** Collected: 06/13/16 15:25 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 13:09	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 13:09	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 13:09	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 13:09	127-18-4	
Trichloroethene	0.56J	ug/L	1.0	0.33	1		06/17/16 13:09	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		06/17/16 13:09	460-00-4	
Dibromofluoromethane (S)	117	%	70-130		1		06/17/16 13:09	1868-53-7	
Toluene-d8 (S)	83	%	70-130		1		06/17/16 13:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-51B **Lab ID: 40133811049** Collected: 06/14/16 07:55 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	0.51J	ug/L	1.0	0.50	1		06/22/16 22:52	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/22/16 22:52	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/22/16 22:52	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/22/16 22:52	127-18-4	
Trichloroethene	4.5	ug/L	1.0	0.33	1		06/22/16 22:52	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/22/16 22:52	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		06/22/16 22:52	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		06/22/16 22:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-52A **Lab ID: 40133811050** Collected: 06/14/16 08:00 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 09:02	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 09:02	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 09:02	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 09:02	127-18-4	
Trichloroethene	4.4	ug/L	1.0	0.33	1		06/17/16 09:02	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		06/17/16 09:02	460-00-4	
Dibromofluoromethane (S)	119	%	70-130		1		06/17/16 09:02	1868-53-7	
Toluene-d8 (S)	87	%	70-130		1		06/17/16 09:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-52B **Lab ID: 40133811051** Collected: 06/14/16 08:05 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 13:31	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 13:31	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 13:31	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 13:31	127-18-4	
Trichloroethene	0.37J	ug/L	1.0	0.33	1		06/17/16 13:31	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		06/17/16 13:31	460-00-4	
Dibromofluoromethane (S)	118	%	70-130		1		06/17/16 13:31	1868-53-7	
Toluene-d8 (S)	84	%	70-130		1		06/17/16 13:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-53B **Lab ID: 40133811052** Collected: 06/14/16 08:10 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 13:53	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 13:53	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 13:53	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 13:53	127-18-4	
Trichloroethene	0.80J	ug/L	1.0	0.33	1		06/17/16 13:53	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/17/16 13:53	460-00-4	
Dibromofluoromethane (S)	118	%	70-130		1		06/17/16 13:53	1868-53-7	
Toluene-d8 (S)	83	%	70-130		1		06/17/16 13:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC
Pace Project No.: 40133811

Sample: MW-54B **Lab ID: 40133811053** Collected: 06/14/16 08:25 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 14:16	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 14:16	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 14:16	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 14:16	127-18-4	
Trichloroethene	3.8	ug/L	1.0	0.33	1		06/17/16 14:16	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/17/16 14:16	460-00-4	
Dibromofluoromethane (S)	118	%	70-130		1		06/17/16 14:16	1868-53-7	
Toluene-d8 (S)	85	%	70-130		1		06/17/16 14:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-54C **Lab ID: 40133811054** Collected: 06/14/16 08:23 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	0.57J	ug/L	1.0	0.50	1		06/17/16 14:38	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 14:38	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 14:38	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 14:38	127-18-4	
Trichloroethene	4.7	ug/L	1.0	0.33	1		06/17/16 14:38	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		06/17/16 14:38	460-00-4	
Dibromofluoromethane (S)	118	%	70-130		1		06/17/16 14:38	1868-53-7	
Toluene-d8 (S)	83	%	70-130		1		06/17/16 14:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-55B **Lab ID: 40133811055** Collected: 06/14/16 08:50 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 15:00	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 15:00	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 15:00	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 15:00	127-18-4	
Trichloroethene	1.9	ug/L	1.0	0.33	1		06/17/16 15:00	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		06/17/16 15:00	460-00-4	
Dibromofluoromethane (S)	118	%	70-130		1		06/17/16 15:00	1868-53-7	
Toluene-d8 (S)	85	%	70-130		1		06/17/16 15:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-55C **Lab ID: 40133811056** Collected: 06/14/16 08:45 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 15:23	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 15:23	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 15:23	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 15:23	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 15:23	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		06/17/16 15:23	460-00-4	
Dibromofluoromethane (S)	118	%	70-130		1		06/17/16 15:23	1868-53-7	
Toluene-d8 (S)	83	%	70-130		1		06/17/16 15:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: TRIP BLANK **Lab ID: 40133811057** Collected: 06/14/16 00:00 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 16:08	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 16:08	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 16:08	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 16:08	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 16:08	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		06/17/16 16:08	460-00-4	
Dibromofluoromethane (S)	119	%	70-130		1		06/17/16 16:08	1868-53-7	
Toluene-d8 (S)	83	%	70-130		1		06/17/16 16:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-66C **Lab ID: 40133811058** Collected: 06/13/16 10:24 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/17/16 15:45	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/17/16 15:45	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/17/16 15:45	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/17/16 15:45	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/17/16 15:45	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/17/16 15:45	460-00-4	
Dibromofluoromethane (S)	122	%	70-130		1		06/17/16 15:45	1868-53-7	
Toluene-d8 (S)	83	%	70-130		1		06/17/16 15:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Sample: MW-26B **Lab ID: 40133811059** Collected: 06/14/16 13:50 Received: 06/15/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/21/16 19:16	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/21/16 19:16	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/21/16 19:16	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/21/16 19:16	127-18-4	
Trichloroethene	0.38J	ug/L	1.0	0.33	1		06/21/16 19:16	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		06/21/16 19:16	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		06/21/16 19:16	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/21/16 19:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283-000 NAT'L PRESTO, INC
Pace Project No.: 40133811

QC Batch: MSV/33959 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40133811001, 40133811002, 40133811003, 40133811004, 40133811005, 40133811006, 40133811007, 40133811008, 40133811009, 40133811010, 40133811011, 40133811012, 40133811013, 40133811014, 40133811015, 40133811016, 40133811017

METHOD BLANK: 1350272 Matrix: Water
Associated Lab Samples: 40133811001, 40133811002, 40133811003, 40133811004, 40133811005, 40133811006, 40133811007, 40133811008, 40133811009, 40133811010, 40133811011, 40133811012, 40133811013, 40133811014, 40133811015, 40133811016, 40133811017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/16/16 16:19	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/16/16 16:19	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/16/16 16:19	
Tetrachloroethene	ug/L	<0.50	1.0	06/16/16 16:19	
Trichloroethene	ug/L	<0.33	1.0	06/16/16 16:19	
4-Bromofluorobenzene (S)	%	94	70-130	06/16/16 16:19	
Dibromofluoromethane (S)	%	110	70-130	06/16/16 16:19	
Toluene-d8 (S)	%	103	70-130	06/16/16 16:19	

LABORATORY CONTROL SAMPLE: 1350273

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.4	102	70-131	
1,1-Dichloroethane	ug/L	20	24.4	122	70-133	
1,1-Dichloroethene	ug/L	20	20.6	103	70-130	
Tetrachloroethene	ug/L	20	19.0	95	70-138	
Trichloroethene	ug/L	20	21.1	105	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1350274 1350275

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40133811008 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	53.4	51.6	107	103	70-134	3	20
1,1-Dichloroethane	ug/L	<0.24	50	50	57.4	55.9	115	112	70-134	3	20
1,1-Dichloroethene	ug/L	<0.41	50	50	45.8	45.4	92	91	68-136	1	20
Tetrachloroethene	ug/L	<0.50	50	50	49.2	48.8	98	98	70-148	1	20
Trichloroethene	ug/L	<0.33	50	50	55.2	55.7	110	111	70-131	1	20
4-Bromofluorobenzene (S)	%						107	104	70-130		
Dibromofluoromethane (S)	%						99	98	70-130		
Toluene-d8 (S)	%						106	105	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283-000 NAT'L PRESTO, INC
Pace Project No.: 40133811

QC Batch: MSV/33960 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40133811018, 40133811019, 40133811020, 40133811021, 40133811022, 40133811023, 40133811024, 40133811025, 40133811026, 40133811027, 40133811028, 40133811029, 40133811030, 40133811031, 40133811032, 40133811033, 40133811034, 40133811036, 40133811037, 40133811038

METHOD BLANK: 1350288 Matrix: Water
Associated Lab Samples: 40133811018, 40133811019, 40133811020, 40133811021, 40133811022, 40133811023, 40133811024, 40133811025, 40133811026, 40133811027, 40133811028, 40133811029, 40133811030, 40133811031, 40133811032, 40133811033, 40133811034, 40133811036, 40133811037, 40133811038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/17/16 07:19	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/17/16 07:19	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/17/16 07:19	
Tetrachloroethene	ug/L	<0.50	1.0	06/17/16 07:19	
Trichloroethene	ug/L	<0.33	1.0	06/17/16 07:19	
4-Bromofluorobenzene (S)	%	96	70-130	06/17/16 07:19	
Dibromofluoromethane (S)	%	114	70-130	06/17/16 07:19	
Toluene-d8 (S)	%	102	70-130	06/17/16 07:19	

LABORATORY CONTROL SAMPLE: 1350289

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.9	102	70-131	
1,1-Dichloroethane	ug/L	50	57.2	114	70-133	
1,1-Dichloroethene	ug/L	50	43.6	87	70-130	
Tetrachloroethene	ug/L	50	49.1	98	70-138	
Trichloroethene	ug/L	50	54.5	109	70-130	
4-Bromofluorobenzene (S)	%			111	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			108	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1350290 1350291

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40133811027 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	0.79J	50	50	52.5	53.1	103	105	70-134	1	20
1,1-Dichloroethane	ug/L	<0.24	50	50	57.9	56.8	116	114	70-134	2	20
1,1-Dichloroethene	ug/L	<0.41	50	50	44.3	43.3	89	87	68-136	2	20
Tetrachloroethene	ug/L	<0.50	50	50	49.8	49.5	100	99	70-148	1	20
Trichloroethene	ug/L	3.7	50	50	59.0	59.8	111	112	70-131	1	20
4-Bromofluorobenzene (S)	%						108	108	70-130		
Dibromofluoromethane (S)	%						101	99	70-130		
Toluene-d8 (S)	%						106	106	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

QC Batch: MSV/33961 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Associated Lab Samples: 40133811039, 40133811040, 40133811041, 40133811042, 40133811043, 40133811044, 40133811045, 40133811046, 40133811047, 40133811048, 40133811050, 40133811051, 40133811052, 40133811053, 40133811054, 40133811055, 40133811056, 40133811057, 40133811058

METHOD BLANK: 1350293 Matrix: Water
 Associated Lab Samples: 40133811039, 40133811040, 40133811041, 40133811042, 40133811043, 40133811044, 40133811045, 40133811046, 40133811047, 40133811048, 40133811050, 40133811051, 40133811052, 40133811053, 40133811054, 40133811055, 40133811056, 40133811057, 40133811058

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/17/16 06:49	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/17/16 06:49	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/17/16 06:49	
Tetrachloroethene	ug/L	<0.50	1.0	06/17/16 06:49	
Trichloroethene	ug/L	<0.33	1.0	06/17/16 06:49	
4-Bromofluorobenzene (S)	%	85	70-130	06/17/16 06:49	
Dibromofluoromethane (S)	%	101	70-130	06/17/16 06:49	
Toluene-d8 (S)	%	86	70-130	06/17/16 06:49	

LABORATORY CONTROL SAMPLE: 1350294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.3	109	70-131	
1,1-Dichloroethane	ug/L	50	45.9	92	70-133	
1,1-Dichloroethene	ug/L	50	43.4	87	70-130	
Tetrachloroethene	ug/L	50	57.0	114	70-138	
Trichloroethene	ug/L	50	57.9	116	70-130	
4-Bromofluorobenzene (S)	%			106	70-130	
Dibromofluoromethane (S)	%			112	70-130	
Toluene-d8 (S)	%			89	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1350295 1350296

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40133811050 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	55.3	56.2	110	111	70-134	1	20
1,1-Dichloroethane	ug/L	<0.24	50	50	47.5	48.5	95	97	70-134	2	20
1,1-Dichloroethene	ug/L	<0.41	50	50	52.2	52.1	104	104	68-136	0	20
Tetrachloroethene	ug/L	<0.50	50	50	58.1	58.0	115	115	70-148	0	20
Trichloroethene	ug/L	4.4	50	50	63.4	63.5	118	118	70-131	0	20
4-Bromofluorobenzene (S)	%						106	104	70-130		
Dibromofluoromethane (S)	%						111	109	70-130		
Toluene-d8 (S)	%						87	88	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283-000 NAT'L PRESTO, INC
Pace Project No.: 40133811

QC Batch: MSV/33982 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40133811035, 40133811059

METHOD BLANK: 1350720 Matrix: Water
Associated Lab Samples: 40133811035, 40133811059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/21/16 14:40	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/21/16 14:40	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/21/16 14:40	
Tetrachloroethene	ug/L	<0.50	1.0	06/21/16 14:40	
Trichloroethene	ug/L	<0.33	1.0	06/21/16 14:40	
4-Bromofluorobenzene (S)	%	90	70-130	06/21/16 14:40	
Dibromofluoromethane (S)	%	95	70-130	06/21/16 14:40	
Toluene-d8 (S)	%	100	70-130	06/21/16 14:40	

LABORATORY CONTROL SAMPLE: 1350721

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	44.1	88	70-131	
1,1-Dichloroethane	ug/L	50	45.3	91	70-133	
1,1-Dichloroethene	ug/L	50	43.0	86	70-130	
Tetrachloroethene	ug/L	50	44.3	89	70-138	
Trichloroethene	ug/L	50	45.1	90	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			95	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1351271 1351272

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40133811035 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	0.61J	50	50	48.8	51.1	96	101	70-134	5	20
1,1-Dichloroethane	ug/L	<0.24	50	50	50.4	52.8	100	105	70-134	5	20
1,1-Dichloroethene	ug/L	<0.41	50	50	47.0	49.0	94	98	68-136	4	20
Tetrachloroethene	ug/L	<0.50	50	50	49.1	51.2	98	102	70-148	4	20
Trichloroethene	ug/L	0.38J	50	50	49.3	52.5	98	104	70-131	6	20
4-Bromofluorobenzene (S)	%						101	99	70-130		
Dibromofluoromethane (S)	%						97	95	70-130		
Toluene-d8 (S)	%						97	97	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283-000 NAT'L PRESTO, INC
Pace Project No.: 40133811

QC Batch: MSV/33997 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40133811049

METHOD BLANK: 1351254 Matrix: Water
Associated Lab Samples: 40133811049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/22/16 16:07	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/22/16 16:07	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/22/16 16:07	
Tetrachloroethene	ug/L	<0.50	1.0	06/22/16 16:07	
Trichloroethene	ug/L	<0.33	1.0	06/22/16 16:07	
4-Bromofluorobenzene (S)	%	94	70-130	06/22/16 16:07	
Dibromofluoromethane (S)	%	103	70-130	06/22/16 16:07	
Toluene-d8 (S)	%	96	70-130	06/22/16 16:07	

LABORATORY CONTROL SAMPLE: 1351255

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.5	107	70-131	
1,1-Dichloroethane	ug/L	50	53.4	107	70-133	
1,1-Dichloroethene	ug/L	50	52.0	104	70-130	
Tetrachloroethene	ug/L	50	53.7	107	70-138	
Trichloroethene	ug/L	50	55.0	110	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1352346 1352347

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40133859021 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	52.6	54.2	105	108	70-134	3	20
1,1-Dichloroethane	ug/L	<0.24	50	50	51.3	55.1	103	110	70-134	7	20
1,1-Dichloroethene	ug/L	<0.41	50	50	50.3	50.4	101	101	68-136	0	20
Tetrachloroethene	ug/L	<0.50	50	50	53.1	52.8	106	106	70-148	1	20
Trichloroethene	ug/L	<0.33	50	50	54.2	54.6	108	109	70-131	1	20
4-Bromofluorobenzene (S)	%						100	100	70-130		
Dibromofluoromethane (S)	%						98	100	70-130		
Toluene-d8 (S)	%						98	100	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALIFIERS

Project: 34283-000 NAT'L PRESTO, INC
Pace Project No.: 40133811

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40133811001	EW-1R 76'	EPA 8260	MSV/33959		
40133811002	EW-1R 86'	EPA 8260	MSV/33959		
40133811003	EW-1R 96'	EPA 8260	MSV/33959		
40133811004	EW-2 81'	EPA 8260	MSV/33959		
40133811005	EW-2 91'	EPA 8260	MSV/33959		
40133811006	MW-5A	EPA 8260	MSV/33959		
40133811007	MW-5B	EPA 8260	MSV/33959		
40133811008	MW-62AR	EPA 8260	MSV/33959		
40133811009	MW-62B	EPA 8260	MSV/33959		
40133811010	MW-62C	EPA 8260	MSV/33959		
40133811011	MW-63A	EPA 8260	MSV/33959		
40133811012	MW-63B	EPA 8260	MSV/33959		
40133811013	MW-66A	EPA 8260	MSV/33959		
40133811014	MW-66B	EPA 8260	MSV/33959		
40133811015	EW-5 88'	EPA 8260	MSV/33959		
40133811016	EW-6	EPA 8260	MSV/33959		
40133811017	MH-18	EPA 8260	MSV/33959		
40133811018	MW-4A	EPA 8260	MSV/33960		
40133811019	MW-4B	EPA 8260	MSV/33960		
40133811020	MW-23A	EPA 8260	MSV/33960		
40133811021	MW-23B	EPA 8260	MSV/33960		
40133811022	MW-34A	EPA 8260	MSV/33960		
40133811023	MW-34B	EPA 8260	MSV/33960		
40133811024	MW-34C	EPA 8260	MSV/33960		
40133811025	MW-38A	EPA 8260	MSV/33960		
40133811026	MW-38A DUP	EPA 8260	MSV/33960		
40133811027	MW-38B	EPA 8260	MSV/33960		
40133811028	MW-38C	EPA 8260	MSV/33960		
40133811029	MW-68A	EPA 8260	MSV/33960		
40133811030	MW-68B	EPA 8260	MSV/33960		
40133811031	MW-70A	EPA 8260	MSV/33960		
40133811032	MW-70B	EPA 8260	MSV/33960		
40133811033	MW-74A	EPA 8260	MSV/33960		
40133811034	MW-74B	EPA 8260	MSV/33960		
40133811035	MW-76A	EPA 8260	MSV/33982		
40133811036	MW-76B	EPA 8260	MSV/33960		
40133811037	MW-77A	EPA 8260	MSV/33960		
40133811038	MW-77B	EPA 8260	MSV/33960		
40133811039	MW-77C	EPA 8260	MSV/33961		
40133811040	PW-3R	EPA 8260	MSV/33961		
40133811041	RW-2A	EPA 8260	MSV/33961		
40133811042	RW-2A DUP	EPA 8260	MSV/33961		
40133811043	RW-2B	EPA 8260	MSV/33961		
40133811044	RW-2C	EPA 8260	MSV/33961		
40133811045	RW-15	EPA 8260	MSV/33961		
40133811046	WW-15	EPA 8260	MSV/33961		
40133811047	MW-65B	EPA 8260	MSV/33961		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 34283-000 NAT'L PRESTO, INC

Pace Project No.: 40133811

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40133811048	MW-65C	EPA 8260	MSV/33961		
40133811049	MW-51B	EPA 8260	MSV/33997		
40133811050	MW-52A	EPA 8260	MSV/33961		
40133811051	MW-52B	EPA 8260	MSV/33961		
40133811052	MW-53B	EPA 8260	MSV/33961		
40133811053	MW-54B	EPA 8260	MSV/33961		
40133811054	MW-54C	EPA 8260	MSV/33961		
40133811055	MW-55B	EPA 8260	MSV/33961		
40133811056	MW-55C	EPA 8260	MSV/33961		
40133811057	TRIP BLANK	EPA 8260	MSV/33961		
40133811058	MW-66C	EPA 8260	MSV/33961		
40133811059	MW-26B	EPA 8260	MSV/33982		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

(Please Print Clearly)

Company Name: **GANNETT FLEMING**
 Branch/Location: **MADISON, WI**
 Project Contact: **DAVE OULG**
 Phone: **(608) 836-1500**
 Project Number: **34283-000**
 Project Name: **NAT'L PRESTO, INC**
 Project State: **WI**
 Sampled By (Print): **Chelsea Payne**
 Sampled By (Sign): *Chelsea Payne*
 PO #:
 Regulatory Program: **DNR**



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

40133811

DAV MILEWSKI (920) 412-8566

Page 78 of 85

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y / N	Pick Letter	Analysis Requested																	
	B	YOC																	
		NPL SHEET LIST																	

Quote #:
 Mail To Contact: **DAVE OULG**
 Mail To Company: **GANNETT FLEMING**
 Mail To Address: **8025 EXCELSIOR DR
MADISON, WI 53717**
 Invoice To Contact: **SEE "MAIL"**
 Invoice To Company:
 Invoice To Address: **To" CONTACT**
 Invoice To Phone: **(608) 836-1500**
 CLIENT COMMENTS:
 LAB COMMENTS (Lab Use Only):
 Profile #:

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Analysis Requested
		DATE	TIME		
001	EW-1R 76'	6/13/6	11:00	GW	3X
002	EW-1R 86'		10:58		3
003	EW-1R 96'		10:56		3
004	EW-2 81'		11:22		3
005	EW-2 91'		11:24		3
006	MW-5A		11:15		3
007	MW-5B		11:20		3
008	MW-62AR		10:48		3
	MW-62AR MS		"		3
	MW-62AR MSD		"		3
009	MW-62B		10:40		2
010	MW-62C		10:50		3
011	MW-63A		11:30		3V

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed:
 Transmit Prelim Rush Results by (complete what you want):

Relinquished By: <i>Chelsea Payne</i> Date/Time: 14:00	Received By: <i>Susan Kuehl</i> Date/Time: 0730	PACE Project No. 40133811 Receipt Temp = ROT °C Sample Receipt pH OK / Adjusted Cooler Custody Seal Present / Not Present Intact / Not Intact
Relinquished By: <i>Dunham</i> Date/Time: 6-15-16 0730	Received By: <i>Paul</i> Date/Time:	
Relinquished By:	Received By:	
Relinquished By:	Received By:	

Samples on HOLD are subject to special pricing and release of liability

(Please Print Clearly)

Company Name: Gannett Fleming
 Branch/Location:
 Project Contact:
 Phone:
 Project Number: 34283.000
 Project Name:
 Project State: see pg 1
 Sampled By (Print):
 Sampled By (Sign):

PO #: Regulatory Program:

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
025	MW 38A	6-13-16	16:45	GW
026	MW 38A dup		"	
027	MW 38B		16:50	
	MW 38B MS		"	
	MW 38B MSD		"	
028	MW 38C		16:55	
029	MW 68A		14:20	
030	MW 68B		14:18	
031	MW 70A		14:38	
032	MW 70B		14:40	
033	MW 74A		14:08	
034	MW 74B		14:05	
035	MW 78A		12:30	



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DJ Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)	Y/N	Pick Letter	Analyses Requested															
		B7	NOX NOI Shortcut															

Quote #:
 Mail To Contact:
 Mail To Company:
 Mail To Address:
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address:
 Invoice To Phone:
 CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

See pg 1

2-40ml VB
↓
6-40ml VB

2-40ml VB

9 *3-40ml VB*

Rush Turnaround Time Requested - Prelims
 (Rush TAT subject to approval/surcharge)
 Date Needed:
 Transmit Prelim Rush Results by (complete what you want):
 Email #1:
 Email #2:
 Telephone:
 Fax:
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: Dunham Date/Time: 6/15/16 0730
 Relinquished By: Date/Time:
 Relinquished By: Date/Time:
 Relinquished By: Date/Time:

Received By: Susan Kufy Date/Time: 6/15/16 0730
 Received By: Date/Time:
 Received By: Date/Time:
 Received By: Date/Time:

PACE Project No. 40133811
 Receipt Temp = 120T °C
 Sample Receipt pH
 Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact



Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Condition Upon Receipt

Client Name: Erineth Fleming Project # 40133811

Additional Comments/Resolution: _____

007- 2 vials no label - packaged with 3 vials determined placement.

015- ID on vials is "EW5" collect date and time match.

031- Collect time on samples is 14:35.

055- No collect time on samples.

6-15-16

014 collect time on sample "1022" BH 6/15/16 ^{SKW}

037 1-40ml v^B _{BH 6/15/16} none ID no "MW" in front of ID BH 6/15/16

Project Manager Review: _____

Date: _____

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

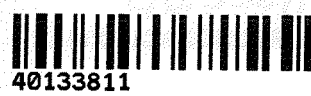


Project #: **WO# : 40133811**

Client Name: Gannett Fleming

Courier: Fed Ex UPS Client Pace Other: Durham

Tracking #: 1180186



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other cardboard 6-15-16 SKW

Thermometer Used N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROF /Corr: _____ Biological Tissue is Frozen: yes no

Temp Blank Present: yes no no

Person examining contents:
Date: 6-15-16
Initials: SKW

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>Only page 1.</u> <u>6-15-16 SKW</u>
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>See attached form.</u> <u>6-15-16 SKW</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 <2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lab Std #/ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>363</u> <u>6-15-16 SKW</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 6-15-16

June 30, 2016

Project #3483.000
NPI Q2 gw (3 of 3)
Reviewed by DJO
7/6/16

Clifford Wright
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717

RE: Project: 34283.000 NPI
Pace Project No.: 40133918

Dear Clifford Wright:

Enclosed are the analytical results for sample(s) received by the laboratory on June 16, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Marcia Kuehl, MAKuehl Co.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: 34283.000 NPI

Pace Project No.: 40133918

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

Virginia VELAP ID: 460263

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

US Dept of Agriculture #: S-76505

Virginia VELAP Certification ID: 460263

Virginia VELAP ID: 460263

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE SUMMARY

Project: 34283.000 NPI

Pace Project No.: 40133918

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40133918001	MW41A	Water	06/14/16 15:50	06/16/16 07:30
40133918002	MW35A	Water	06/14/16 16:15	06/16/16 07:30
40133918003	MW35B	Water	06/14/16 16:20	06/16/16 07:30
40133918004	MW41B	Water	06/14/16 15:55	06/16/16 07:30
40133918005	MW43A	Water	06/14/16 15:45	06/16/16 07:30
40133918006	MW43B	Water	06/14/16 15:40	06/16/16 07:30
40133918007	MW45B	Water	06/14/16 15:02	06/16/16 07:30
40133918008	MW45C	Water	06/14/16 15:00	06/16/16 07:30
40133918009	MW4A	Water	06/13/16 13:20	06/16/16 07:30
40133918010	MW4B	Water	06/13/16 13:18	06/16/16 07:30
40133918011	MW10A	Water	06/13/16 15:08	06/16/16 07:30
40133918012	MW10B	Water	06/13/16 15:10	06/16/16 07:30
40133918013	MW34A	Water	06/13/16 15:00	06/16/16 07:30
40133918014	MW34C	Water	06/13/16 14:55	06/16/16 07:30
40133918015	MW34B	Water	06/13/16 14:50	06/16/16 07:30
40133918016	MW68A	Water	06/13/16 14:20	06/16/16 07:30
40133918017	MW68B	Water	06/13/16 14:18	06/16/16 07:30
40133918018	MW70A	Water	06/13/16 14:35	06/16/16 07:30
40133918019	MW70B	Water	06/13/16 14:40	06/16/16 07:30
40133918020	MW75	Water	06/13/16 14:30	06/16/16 07:30
40133918021	EW5	Water	06/13/16 13:40	06/16/16 07:30
40133918022	EW6	Water	06/15/16 07:40	06/16/16 07:30
40133918023	RW3A	Water	06/14/16 14:40	06/16/16 07:30
40133918024	RW3B	Water	06/14/16 14:42	06/16/16 07:30
40133918025	RW3C	Water	06/14/16 14:44	06/16/16 07:30
40133918026	RW16	Water	06/14/16 15:20	06/16/16 07:30
40133918027	RW16B	Water	06/14/16 15:22	06/16/16 07:30
40133918028	RW16C	Water	06/14/16 15:25	06/16/16 07:30
40133918029	TRIP BLANK	Water	06/14/16 00:00	06/16/16 07:30
40133918030	EC-1	Water	06/15/16 09:45	06/16/16 07:30
40133918031	EC-2	Water	06/15/16 09:40	06/16/16 07:30
40133918032	EC-5	Water	06/15/16 09:48	06/16/16 07:30
40133918033	EC-6	Water	06/15/16 09:30	06/16/16 07:30
40133918034	EC-6 DUP	Water	06/15/16 09:30	06/16/16 07:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: 34283.000 NPI

Pace Project No.: 40133918

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40133918001	MW41A	EPA 8260	LAP	8	PASI-G
40133918002	MW35A	EPA 8260	LAP	8	PASI-G
40133918003	MW35B	EPA 8260	LAP	8	PASI-G
40133918004	MW41B	EPA 8260	LAP	8	PASI-G
40133918005	MW43A	EPA 8260	LAP	8	PASI-G
40133918006	MW43B	EPA 8260	LAP	8	PASI-G
40133918007	MW45B	EPA 8260	LAP	8	PASI-G
40133918008	MW45C	EPA 8260	LAP	8	PASI-G
40133918009	MW4A	EPA 6010	DLB	1	PASI-G
40133918010	MW4B	EPA 6010	DLB	1	PASI-G
40133918011	MW10A	EPA 6010	DLB	1	PASI-G
40133918012	MW10B	EPA 6010	DLB	1	PASI-G
40133918013	MW34A	EPA 6010	DLB	1	PASI-G
40133918014	MW34C	EPA 6010	DLB	1	PASI-G
40133918015	MW34B	EPA 6010	DLB	1	PASI-G
40133918016	MW68A	EPA 6010	DLB	1	PASI-G
40133918017	MW68B	EPA 6010	DLB	1	PASI-G
40133918018	MW70A	EPA 6010	DLB	1	PASI-G
40133918019	MW70B	EPA 6010	DLB	1	PASI-G
40133918020	MW75	EPA 6010	DLB	1	PASI-G
40133918021	EW5	EPA 6010	DLB	1	PASI-G
40133918022	EW6	EPA 6010	DLB	1	PASI-G
40133918023	RW3A	EPA 8260	LAP	8	PASI-G
40133918024	RW3B	EPA 8260	LAP	8	PASI-G
40133918025	RW3C	EPA 8260	LAP	8	PASI-G
40133918026	RW16	EPA 8260	LAP	8	PASI-G
40133918027	RW16B	EPA 8260	LAP	8	PASI-G
40133918028	RW16C	EPA 8260	LAP	8	PASI-G
40133918029	TRIP BLANK	EPA 8260	LAP	8	PASI-G
40133918030	EC-1	EPA 8260	LAP	8	PASI-G
40133918031	EC-2	EPA 8260	LAP	8	PASI-G
40133918032	EC-5	EPA 8260	LAP	8	PASI-G
40133918033	EC-6	EPA 8260	LAP	8	PASI-G
40133918034	EC-6 DUP	EPA 8260	LAP	8	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SUMMARY OF DETECTION

Project: 34283.000 NPI
Pace Project No.: 40133918

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40133918001	MW41A					
EPA 8260	Trichloroethene	2.1	ug/L	1.0	06/20/16 17:34	
40133918002	MW35A					
EPA 8260	Trichloroethene	1.0	ug/L	1.0	06/20/16 17:57	
40133918003	MW35B					
EPA 8260	Trichloroethene	1.0	ug/L	1.0	06/20/16 18:19	
40133918004	MW41B					
EPA 8260	Trichloroethene	2.3	ug/L	1.0	06/20/16 18:42	
40133918005	MW43A					
EPA 8260	Trichloroethene	1.7	ug/L	1.0	06/21/16 07:16	
40133918006	MW43B					
EPA 8260	1,1,1-Trichloroethane	0.54J	ug/L	1.0	06/21/16 07:38	
EPA 8260	Trichloroethene	2.0	ug/L	1.0	06/21/16 07:38	
40133918007	MW45B					
EPA 8260	Trichloroethene	1.7	ug/L	1.0	06/21/16 08:01	
40133918008	MW45C					
EPA 8260	Trichloroethene	2.9	ug/L	1.0	06/21/16 08:23	
40133918010	MW4B					
EPA 6010	Cadmium, Dissolved	0.65J	ug/L	5.0	06/29/16 13:37	
40133918011	MW10A					
EPA 6010	Cadmium, Dissolved	16.7	ug/L	5.0	06/29/16 13:39	
40133918012	MW10B					
EPA 6010	Cadmium, Dissolved	2.7J	ug/L	5.0	06/29/16 13:41	
40133918013	MW34A					
EPA 6010	Cadmium, Dissolved	6.5	ug/L	5.0	06/29/16 13:44	
40133918014	MW34C					
EPA 6010	Cadmium, Dissolved	0.87J	ug/L	5.0	06/29/16 13:46	
40133918015	MW34B					
EPA 6010	Cadmium, Dissolved	1.4J	ug/L	5.0	06/29/16 13:49	
40133918017	MW68B					
EPA 6010	Cadmium, Dissolved	4.5J	ug/L	5.0	06/29/16 13:58	
40133918019	MW70B					
EPA 6010	Cadmium, Dissolved	3.2J	ug/L	5.0	06/29/16 14:03	
40133918020	MW75					
EPA 6010	Cadmium, Dissolved	2.3J	ug/L	5.0	06/29/16 14:05	
40133918023	RW3A					
EPA 8260	Trichloroethene	1.8	ug/L	1.0	06/20/16 15:41	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SUMMARY OF DETECTION

Project: 34283.000 NPI

Pace Project No.: 40133918

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40133918024	RW3B					
EPA 8260	Trichloroethene	2.7	ug/L	1.0	06/20/16 16:04	
40133918025	RW3C					
EPA 8260	Trichloroethene	3.8	ug/L	1.0	06/20/16 16:26	
40133918026	RW16					
EPA 8260	Trichloroethene	2.3	ug/L	1.0	06/21/16 08:46	
40133918027	RW16B					
EPA 8260	Trichloroethene	3.1	ug/L	1.0	06/21/16 09:09	
40133918028	RW16C					
EPA 8260	Trichloroethene	3.6	ug/L	1.0	06/21/16 09:31	
40133918030	EC-1					
EPA 8260	Trichloroethene	1.2	ug/L	1.0	06/20/16 14:56	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: 34283.000 NPI

Pace Project No.: 40133918

Method: EPA 6010

Description: 6010 MET ICP, Dissolved

Client: Gannett Fleming Inc.

Date: June 30, 2016

General Information:

14 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: 34283.000 NPI

Pace Project No.: 40133918

Method: EPA 8260

Description: 8260 MSV

Client: Gannett Fleming Inc.

Date: June 30, 2016

General Information:

20 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW41A **Lab ID: 40133918001** Collected: 06/14/16 15:50 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/20/16 17:34	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/20/16 17:34	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/20/16 17:34	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/20/16 17:34	127-18-4	
Trichloroethene	2.1	ug/L	1.0	0.33	1		06/20/16 17:34	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	80	%	70-130		1		06/20/16 17:34	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		06/20/16 17:34	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/20/16 17:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW35A **Lab ID: 40133918002** Collected: 06/14/16 16:15 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/20/16 17:57	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/20/16 17:57	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/20/16 17:57	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/20/16 17:57	127-18-4	
Trichloroethene	1.0	ug/L	1.0	0.33	1		06/20/16 17:57	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/20/16 17:57	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		06/20/16 17:57	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		06/20/16 17:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW35B **Lab ID: 40133918003** Collected: 06/14/16 16:20 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/20/16 18:19	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/20/16 18:19	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/20/16 18:19	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/20/16 18:19	127-18-4	
Trichloroethene	1.0	ug/L	1.0	0.33	1		06/20/16 18:19	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		06/20/16 18:19	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		06/20/16 18:19	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/20/16 18:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW41B **Lab ID: 40133918004** Collected: 06/14/16 15:55 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/20/16 18:42	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/20/16 18:42	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/20/16 18:42	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/20/16 18:42	127-18-4	
Trichloroethene	2.3	ug/L	1.0	0.33	1		06/20/16 18:42	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		06/20/16 18:42	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		06/20/16 18:42	1868-53-7	
Toluene-d8 (S)	108	%	70-130		1		06/20/16 18:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW43A **Lab ID: 40133918005** Collected: 06/14/16 15:45 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/21/16 07:16	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/21/16 07:16	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/21/16 07:16	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/21/16 07:16	127-18-4	
Trichloroethene	1.7	ug/L	1.0	0.33	1		06/21/16 07:16	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/21/16 07:16	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/21/16 07:16	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		06/21/16 07:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW43B **Lab ID: 40133918006** Collected: 06/14/16 15:40 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	0.54J	ug/L	1.0	0.50	1		06/21/16 07:38	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/21/16 07:38	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/21/16 07:38	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/21/16 07:38	127-18-4	
Trichloroethene	2.0	ug/L	1.0	0.33	1		06/21/16 07:38	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		06/21/16 07:38	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/21/16 07:38	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/21/16 07:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW45B **Lab ID: 40133918007** Collected: 06/14/16 15:02 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/21/16 08:01	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/21/16 08:01	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/21/16 08:01	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/21/16 08:01	127-18-4	
Trichloroethene	1.7	ug/L	1.0	0.33	1		06/21/16 08:01	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		06/21/16 08:01	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		06/21/16 08:01	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/21/16 08:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW45C **Lab ID: 40133918008** Collected: 06/14/16 15:00 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/21/16 08:23	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/21/16 08:23	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/21/16 08:23	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/21/16 08:23	127-18-4	
Trichloroethene	2.9	ug/L	1.0	0.33	1		06/21/16 08:23	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		06/21/16 08:23	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		06/21/16 08:23	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		06/21/16 08:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW4A **Lab ID: 40133918009** Collected: 06/13/16 13:20 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Cadmium, Dissolved	<0.60	ug/L	5.0	0.60	1		06/29/16 13:34	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW4B **Lab ID: 40133918010** Collected: 06/13/16 13:18 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Cadmium, Dissolved	0.65J	ug/L	5.0	0.60	1		06/29/16 13:37	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW10A **Lab ID: 40133918011** Collected: 06/13/16 15:08 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Cadmium, Dissolved	16.7	ug/L	5.0	0.60	1		06/29/16 13:39	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW10B **Lab ID: 40133918012** Collected: 06/13/16 15:10 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Cadmium, Dissolved	2.7J	ug/L	5.0	0.60	1		06/29/16 13:41	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW34A **Lab ID: 40133918013** Collected: 06/13/16 15:00 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Cadmium, Dissolved	6.5	ug/L	5.0	0.60	1		06/29/16 13:44	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW34C **Lab ID: 40133918014** Collected: 06/13/16 14:55 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Cadmium, Dissolved	0.87J	ug/L	5.0	0.60	1		06/29/16 13:46	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW34B **Lab ID: 40133918015** Collected: 06/13/16 14:50 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Cadmium, Dissolved	1.4J	ug/L	5.0	0.60	1		06/29/16 13:49	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW68A **Lab ID: 40133918016** Collected: 06/13/16 14:20 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Cadmium, Dissolved	<0.60	ug/L	5.0	0.60	1		06/29/16 13:56	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW68B **Lab ID: 40133918017** Collected: 06/13/16 14:18 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Cadmium, Dissolved	4.5J	ug/L	5.0	0.60	1		06/29/16 13:58	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW70A **Lab ID: 40133918018** Collected: 06/13/16 14:35 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Cadmium, Dissolved	<0.60	ug/L	5.0	0.60	1		06/29/16 14:01	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW70B **Lab ID: 40133918019** Collected: 06/13/16 14:40 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Cadmium, Dissolved	3.2J	ug/L	5.0	0.60	1		06/29/16 14:03	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: MW75 **Lab ID: 40133918020** Collected: 06/13/16 14:30 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Cadmium, Dissolved	2.3J	ug/L	5.0	0.60	1		06/29/16 14:05	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: EW5 **Lab ID: 40133918021** Collected: 06/13/16 13:40 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Cadmium, Dissolved	<0.60	ug/L	5.0	0.60	1		06/29/16 14:08	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: EW6 **Lab ID: 40133918022** Collected: 06/15/16 07:40 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Cadmium, Dissolved	<0.60	ug/L	5.0	0.60	1		06/29/16 14:10	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: RW3A **Lab ID: 40133918023** Collected: 06/14/16 14:40 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/20/16 15:41	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/20/16 15:41	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/20/16 15:41	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/20/16 15:41	127-18-4	
Trichloroethene	1.8	ug/L	1.0	0.33	1		06/20/16 15:41	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-130		1		06/20/16 15:41	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		06/20/16 15:41	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/20/16 15:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: RW3B **Lab ID: 40133918024** Collected: 06/14/16 14:42 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/20/16 16:04	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/20/16 16:04	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/20/16 16:04	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/20/16 16:04	127-18-4	
Trichloroethene	2.7	ug/L	1.0	0.33	1		06/20/16 16:04	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	81	%	70-130		1		06/20/16 16:04	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		06/20/16 16:04	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		06/20/16 16:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI
Pace Project No.: 40133918

Sample: RW3C **Lab ID: 40133918025** Collected: 06/14/16 14:44 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/20/16 16:26	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/20/16 16:26	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/20/16 16:26	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/20/16 16:26	127-18-4	
Trichloroethene	3.8	ug/L	1.0	0.33	1		06/20/16 16:26	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		06/20/16 16:26	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		06/20/16 16:26	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/20/16 16:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: RW16 **Lab ID: 40133918026** Collected: 06/14/16 15:20 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/21/16 08:46	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/21/16 08:46	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/21/16 08:46	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/21/16 08:46	127-18-4	
Trichloroethene	2.3	ug/L	1.0	0.33	1		06/21/16 08:46	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		06/21/16 08:46	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/21/16 08:46	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		06/21/16 08:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: RW16B **Lab ID: 40133918027** Collected: 06/14/16 15:22 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/21/16 09:09	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/21/16 09:09	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/21/16 09:09	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/21/16 09:09	127-18-4	
Trichloroethene	3.1	ug/L	1.0	0.33	1		06/21/16 09:09	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		06/21/16 09:09	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		06/21/16 09:09	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/21/16 09:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: RW16C **Lab ID: 40133918028** Collected: 06/14/16 15:25 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/21/16 09:31	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/21/16 09:31	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/21/16 09:31	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/21/16 09:31	127-18-4	
Trichloroethene	3.6	ug/L	1.0	0.33	1		06/21/16 09:31	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-130		1		06/21/16 09:31	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		06/21/16 09:31	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		06/21/16 09:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: TRIP BLANK **Lab ID: 40133918029** Collected: 06/14/16 00:00 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/21/16 11:05	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/21/16 11:05	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/21/16 11:05	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/21/16 11:05	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/21/16 11:05	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		06/21/16 11:05	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		06/21/16 11:05	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/21/16 11:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: EC-1 **Lab ID: 40133918030** Collected: 06/15/16 09:45 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/20/16 14:56	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/20/16 14:56	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/20/16 14:56	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/20/16 14:56	127-18-4	
Trichloroethene	1.2	ug/L	1.0	0.33	1		06/20/16 14:56	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-130		1		06/20/16 14:56	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/20/16 14:56	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/20/16 14:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: EC-2 **Lab ID: 40133918031** Collected: 06/15/16 09:40 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/21/16 10:19	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/21/16 10:19	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/21/16 10:19	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/21/16 10:19	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/21/16 10:19	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		06/21/16 10:19	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		06/21/16 10:19	1868-53-7	
Toluene-d8 (S)	107	%	70-130		1		06/21/16 10:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: EC-5 **Lab ID: 40133918032** Collected: 06/15/16 09:48 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/20/16 16:49	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/20/16 16:49	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/20/16 16:49	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/20/16 16:49	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/20/16 16:49	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		06/20/16 16:49	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		06/20/16 16:49	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		06/20/16 16:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: EC-6 **Lab ID: 40133918033** Collected: 06/15/16 09:30 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/20/16 17:11	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/20/16 17:11	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/20/16 17:11	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/20/16 17:11	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/20/16 17:11	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-130		1		06/20/16 17:11	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/20/16 17:11	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		06/20/16 17:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NPI

Pace Project No.: 40133918

Sample: EC-6 DUP **Lab ID: 40133918034** Collected: 06/15/16 09:30 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/21/16 10:42	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/21/16 10:42	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/21/16 10:42	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		06/21/16 10:42	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		06/21/16 10:42	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/21/16 10:42	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		06/21/16 10:42	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/21/16 10:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283.000 NPI
Pace Project No.: 40133918

QC Batch: MSV/33998 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40133918001, 40133918002, 40133918003, 40133918004, 40133918005, 40133918006, 40133918007, 40133918008, 40133918023, 40133918024, 40133918025, 40133918026, 40133918027, 40133918028, 40133918029, 40133918030, 40133918031, 40133918032, 40133918033, 40133918034

METHOD BLANK: 1351256 Matrix: Water
Associated Lab Samples: 40133918001, 40133918002, 40133918003, 40133918004, 40133918005, 40133918006, 40133918007, 40133918008, 40133918023, 40133918024, 40133918025, 40133918026, 40133918027, 40133918028, 40133918029, 40133918030, 40133918031, 40133918032, 40133918033, 40133918034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/20/16 13:03	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/20/16 13:03	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/20/16 13:03	
Tetrachloroethene	ug/L	<0.50	1.0	06/20/16 13:03	
Trichloroethene	ug/L	<0.33	1.0	06/20/16 13:03	
4-Bromofluorobenzene (S)	%	83	70-130	06/20/16 13:03	
Dibromofluoromethane (S)	%	90	70-130	06/20/16 13:03	
Toluene-d8 (S)	%	104	70-130	06/20/16 13:03	

LABORATORY CONTROL SAMPLE: 1351257

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	44.0	88	70-131	
1,1-Dichloroethane	ug/L	50	42.3	85	70-133	
1,1-Dichloroethene	ug/L	50	43.5	87	70-130	
Tetrachloroethene	ug/L	50	54.7	109	70-138	
Trichloroethene	ug/L	50	48.2	96	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Dibromofluoromethane (S)	%			86	70-130	
Toluene-d8 (S)	%			107	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1351258 1351259

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual	
		40133918030 Result	Spike Conc.	Spike Conc.	MS Result						MSD Result
1,1,1-Trichloroethane	ug/L	<0.50	50	50	41.5	45.4	83	91	70-134	9	20
1,1-Dichloroethane	ug/L	<0.24	50	50	40.9	43.3	82	87	70-134	6	20
1,1-Dichloroethene	ug/L	<0.41	50	50	40.2	44.0	80	88	68-136	9	20
Tetrachloroethene	ug/L	<0.50	50	50	49.3	53.3	99	107	70-148	8	20
Trichloroethene	ug/L	1.2	50	50	46.4	48.6	90	95	70-131	5	20
4-Bromofluorobenzene (S)	%						94	96	70-130		
Dibromofluoromethane (S)	%						86	88	70-130		
Toluene-d8 (S)	%						104	106	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALIFIERS

Project: 34283.000 NPI

Pace Project No.: 40133918

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 34283.000 NPI

Pace Project No.: 40133918

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40133918009	MW4A	EPA 6010	ICP/12411		
40133918010	MW4B	EPA 6010	ICP/12411		
40133918011	MW10A	EPA 6010	ICP/12411		
40133918012	MW10B	EPA 6010	ICP/12411		
40133918013	MW34A	EPA 6010	ICP/12411		
40133918014	MW34C	EPA 6010	ICP/12411		
40133918015	MW34B	EPA 6010	ICP/12411		
40133918016	MW68A	EPA 6010	ICP/12411		
40133918017	MW68B	EPA 6010	ICP/12411		
40133918018	MW70A	EPA 6010	ICP/12411		
40133918019	MW70B	EPA 6010	ICP/12411		
40133918020	MW75	EPA 6010	ICP/12411		
40133918021	EW5	EPA 6010	ICP/12411		
40133918022	EW6	EPA 6010	ICP/12411		
40133918001	MW41A	EPA 8260	MSV/33998		
40133918002	MW35A	EPA 8260	MSV/33998		
40133918003	MW35B	EPA 8260	MSV/33998		
40133918004	MW41B	EPA 8260	MSV/33998		
40133918005	MW43A	EPA 8260	MSV/33998		
40133918006	MW43B	EPA 8260	MSV/33998		
40133918007	MW45B	EPA 8260	MSV/33998		
40133918008	MW45C	EPA 8260	MSV/33998		
40133918023	RW3A	EPA 8260	MSV/33998		
40133918024	RW3B	EPA 8260	MSV/33998		
40133918025	RW3C	EPA 8260	MSV/33998		
40133918026	RW16	EPA 8260	MSV/33998		
40133918027	RW16B	EPA 8260	MSV/33998		
40133918028	RW16C	EPA 8260	MSV/33998		
40133918029	TRIP BLANK	EPA 8260	MSV/33998		
40133918030	EC-1	EPA 8260	MSV/33998		
40133918031	EC-2	EPA 8260	MSV/33998		
40133918032	EC-5	EPA 8260	MSV/33998		
40133918033	EC-6	EPA 8260	MSV/33998		
40133918034	EC-6 DUP	EPA 8260	MSV/33998		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

(Please Print Clearly)

Company Name: Grannett Fleming
Branch/Location: Madison WI
Project Contact: Dave Olig
Phone: 608-836-1500
Project Number: 342583.000
Project Name: NPI
Project State: WI
Sampled By (Print): Chelsea Payne
Sampled By (Sign): Chelsea Payne
PO #:

Regulatory Program:

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
A = Air W = Water
B = Biota DW = Drinking Water
C = Charcoal GW = Ground Water
O = Oil SW = Surface Water
S = Soil WW = Waste Water
SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	MW41A	6/4/16	15:50	GW
002	MW35A		16:15	
003	MW35B		16:20	
004	MW41B		15:55	
005	MW43A		15:48	
006	MW43B		15:40	
007	MW45B		15:02	
008	MW45C		15:00	
009	MW4A	6/13/16	13:20	
010	MW4B		13:18	
011	MW10A		15:08	
012	MW10B		15:10	
013	MW34A		15:00	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By: Chelsea Payne Date/Time: 6-15-16 12:00
Relinquished By: Dunham Date/Time: 6/16/16 0730
Relinquished By: Date/Time:
Relinquished By: Date/Time:
Relinquished By: Date/Time:

Received By: Date/Time:
Received By: Paul pace Date/Time: 6/16/16 0730
Received By: Date/Time:
Received By: Date/Time:
Received By: Date/Time:

PACE Project No.
40133918

Receipt Temp = ROI °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

40133918

CHAIN OF CUSTODY

***Preservation Codes**
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)	Y/N	N	Y						
PRESERVATION (CODE)*	Pick Letter	B	D						

Analyses Requested

VOC NPI Short List
Cadmium

Quote #:

Mail To Contact: Dave Olig
Mail To Company: Grannett Fleming
Mail To Address: 8025 Excelsior Dr
Madison, WI 53717

Invoice To Contact:
Invoice To Company: See Mail
Invoice To Address: to

Invoice To Phone: 608-836-1500

CLIENT COMMENTS | **LAB COMMENTS (Lab Use Only)** | **Profile #**

Send copy of report to Marcia A Kiehl 3170 Charlevoix Green Bay, WI 54301

3-40ml v B
1-250ml p D

(Please Print Clearly)

Company Name: Gannett Fleming

Branch/Location:

Project Contact:

Phone:

Project Number: 34283.000

Project Name:

Project State: See pg 2

Sampled By (Print):

Sampled By (Sign):

PO #:

Regulatory Program:



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analysis Requested	MATRIX
Z	B	VOC Heavy Metals ICM Cadmium	1W
Y	D		X

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

Quote #:

Mail To Contact:

Mail To Company:

Mail To Address: See pg 2

Invoice To Contact:

Invoice To Company:

Invoice To Address: 1

Invoice To Phone:

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
014	MW 34C	6-13-16	14:55	1W
015	MW 34B		14:50	
016	MW 68 A		14:20	
017	MW 68 B		14:18	
018	MW 70 A		14:35	
019	MW 70 B		14:40	
020	MW 75		14:30	
021	EWS	6/15/16	13:40	
022	EW 6	6/15/16	7:40	
023	RW 3A	6/14/16	14:40	X
024	RW 3B		14:42	
025	RW 3C		14:44	
026	RW 16		15:20	

CLIENT COMMENTS

LAB COMMENTS (Lab Use Only)
1-250ml p^D
3-40ml v^B

Profile #

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By:	Date/Time:	Received By:	Date/Time:	PACE Project No. <u>40133918</u>
	Transmit Prelim Rush Results by (complete what you want):	<u>Dunham</u>	<u>6/16/16</u>	<u>OTR</u>	
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Receipt Temp = <u>ROT</u> °C
Email #2:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Sample Receipt pH <u>OK / Adjusted</u>
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Cooler Custody Seal <u>Present / Not Present</u>
Fax:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Intact / Not Intact
Samples on HOLD are subject to special pricing and release of liability	Relinquished By:	Date/Time:	Received By:	Date/Time:	

(Please Print Clearly)

Company Name: *Granett Fleming*
Branch/Location:
Project Contact:
Phone:
Project Number: *34283.000*
Project Name:
Project State:
Sampled By (Print): *[Signature]*
Sampled By (Sign): *[Signature]*
PO #:
Regulatory Program:



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

***Preservation Codes**
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
PRESERVATION
(CODE)*

Y/N	Pick Letter	COLLECTION		MATRIX	Analyses Requested
		DATE	TIME		
	B				<i>NOI Short List</i> 2

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	<i>See pg 1</i>
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	
CLIENT COMMENTS	LAB COMMENTS (Lab Use Only) <i>3-40ml v B</i> <i>2-40ml v B</i> <i>9-40ml v B</i> <i>3-40ml v B</i> <i>2-40ml v B</i>
	Profile #

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
A = Air W = Water
B = Biota DW = Drinking Water
C = Charcoal GW = Ground Water
O = Oil SW = Surface Water
S = Soil WW = Waste Water
SI = Sludge WP = Waste

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
<i>027</i>	<i>RW 16 B</i>	<i>6/14/16</i>	<i>15:22</i>	<i>GW</i>
<i>028</i>	<i>RW 16 C</i>	<i>6/14/16</i>	<i>15:25</i>	
<i>029</i>	<i>Trip Blank</i>	<i>-</i>		
<i>030</i>	<i>EC-1</i>	<i>6/15</i>	<i>9:45</i>	
<i>031</i>	<i>EC-1 MS</i>	<i>6/15</i>	<i>"</i>	
<i>032</i>	<i>EC-1 MSD</i>	<i>6/15</i>	<i>"</i>	
<i>033</i>	<i>EC-2</i>	<i>6/15</i>	<i>9:40</i>	
<i>034</i>	<i>EC-5</i>	<i>6/15</i>	<i>9:48</i>	
<i>035</i>	<i>EC-6</i>	<i>6/15</i>	<i>9:30</i>	
<i>036</i>	<i>EC-6 dup</i>	<i>6/15</i>	<i>9:30</i>	

31
32
33
34

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By:	Date/Time:	Received By:	Date/Time:	PACE Project No. <i>40133918</i>
	Transmit Prelim Rush Results by (complete what you want): Email #1: Email #2: Telephone: Fax:	<i>Dunham</i>	<i>6/16/16 0730</i>	<i>[Signature]</i>	
Samples on HOLD are subject to special pricing and release of liability	Relinquished By:	Date/Time:	Received By:	Date/Time:	Sample Receipt pH OK / Adjusted
	Relinquished By:	Date/Time:	Received By:	Date/Time:	Cooler Custody Seal Present / Not Present Intact / Not Intact

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302



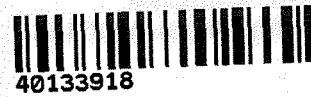
Project #:

WO#: 40133918

Client Name: Gannett Fleming

Courier: Fed Ex UPS Client Pace Other: Durham

Tracking #: 118 6639



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR-NA Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI Corr: - Biological Tissue is Frozen: yes no

Temp Blank Present: yes no

Person examining contents:
Date: 6/16/16
Initials: BH

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>028-034</u> no date on COC <u>6/16/16 BH</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>1st page only BH 6/16/16</u>
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lab Std #/ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):	<u>360</u>	

Client Notification/ Resolution: If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____
Comments/ Resolution: 1) dates filled in on COC by lab per samples received BH 6/16/16

Project Manager Review: W for DM Date: 6-16-16

June 28, 2016

Project #34283.000
NPI Q2 gw (2 of 3)
Reviewed by CCW
7/12/16

Clifford Wright
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717

RE: Project: 34283.000 NATIONAL PRESTO IND.
Pace Project No.: 40133917

Dear Clifford Wright:

Enclosed are the analytical results for sample(s) received by the laboratory on June 16, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Marcia Kuehl, MAKuehl Co.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

525 N 8th Street, Salina, KS 67401

A2LA Certification #: 2926.01

Alaska Certification #: UST-078

Alaska Certification #MN00064

Alabama Certification #40770

Arizona Certification #: AZ-0014

Arkansas Certification #: 88-0680

California Certification #: 01155CA

Colorado Certification #Pace

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida/NELAP Certification #: E87605

Guam Certification #:14-008r

Georgia Certification #: 959

Georgia EPD #: Pace

Idaho Certification #: MN00064

Hawaii Certification #MN00064

Illinois Certification #: 200011

Indiana Certification#C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky Dept of Envi. Protection - DW #90062

Kentucky Dept of Envi. Protection - WW #:90062

Louisiana DEQ Certification #: 3086

Louisiana DHH #: LA140001

Maine Certification #: 2013011

Maryland Certification #: 322

Michigan DEPH Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: Pace

Montana Certification #: MT0092

Nevada Certification #: MN_00064

Nebraska Certification #: Pace

New Jersey Certification #: MN-002

New York Certification #: 11647

North Carolina Certification #: 530

North Carolina State Public Health #: 27700

North Dakota Certification #: R-036

Ohio EPA #: 4150

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Certification #: MN200001

Oregon Certification #: MN300001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification

Saipan (CNMI) #:MP0003

South Carolina #:74003001

Texas Certification #: T104704192

Tennessee Certification #: 02818

Utah Certification #: MN000642013-4

Virginia DGS Certification #: 251

Virginia/VELAP Certification #: Pace

Washington Certification #: C486

West Virginia Certification #: 382

West Virginia DHHR #:9952C

Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE SUMMARY

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40133917001	CW-11	Water	06/15/16 09:05	06/16/16 07:30
40133917002	CW-15	Water	06/15/16 09:10	06/16/16 07:30
40133917003	CW-16	Water	06/15/16 09:14	06/16/16 07:30
40133917004	CW-17	Water	06/15/16 09:18	06/16/16 07:30
40133917005	CW-19	Water	06/15/16 09:08	06/16/16 07:30
40133917006	RAW	Water	06/15/16 09:20	06/16/16 07:30
40133917007	TOWER A	Water	06/15/16 09:24	06/16/16 07:30
40133917008	TOWER B	Water	06/15/16 09:22	06/16/16 07:30
40133917009	FINISHED PRODUCT	Water	06/15/16 08:55	06/16/16 07:30
40133917010	TRIP BLANK	Water	06/15/16 00:00	06/16/16 07:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40133917001	CW-11	EPA 524.2	DJB	8	PASI-M
40133917002	CW-15	EPA 524.2	DJB	8	PASI-M
40133917003	CW-16	EPA 524.2	DJB	8	PASI-M
40133917004	CW-17	EPA 524.2	DJB	8	PASI-M
40133917005	CW-19	EPA 524.2	DJB	8	PASI-M
40133917006	RAW	EPA 524.2	DJB	8	PASI-M
40133917007	TOWER A	EPA 524.2	DJB	8	PASI-M
40133917008	TOWER B	EPA 524.2	DJB	8	PASI-M
40133917009	FINISHED PRODUCT	EPA 524.2	DJB	8	PASI-M
40133917010	TRIP BLANK	EPA 524.2	DJB	8	PASI-M

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SUMMARY OF DETECTION

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40133917002	CW-15					
EPA 524.2	Trichloroethene	0.19J	ug/L	0.40	06/23/16 16:44	
40133917005	CW-19					
EPA 524.2	1,1,1-Trichloroethane	0.22J	ug/L	0.50	06/23/16 17:52	
EPA 524.2	Trichloroethene	1.9	ug/L	0.40	06/23/16 17:52	
40133917006	RAW					
EPA 524.2	Trichloroethene	0.77	ug/L	0.40	06/23/16 18:14	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: 34283.000 NATIONAL PRESTO IND.
Pace Project No.: 40133917

Method: EPA 524.2
Description: 524.2 MSV
Client: Gannett Fleming Inc.
Date: June 28, 2016

General Information:

10 samples were analyzed for EPA 524.2. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Sample: CW-11 **Lab ID: 40133917001** Collected: 06/15/16 09:05 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/23/16 16:21	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/23/16 16:21	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/23/16 16:21	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/23/16 16:21	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		06/23/16 16:21	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	75-125		1		06/23/16 16:21	460-00-4	
Toluene-d8 (S)	98	%	75-125		1		06/23/16 16:21	2037-26-5	
1,2-Dichloroethane-d4 (S)	104	%	75-125		1		06/23/16 16:21	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Sample: CW-15 **Lab ID: 40133917002** Collected: 06/15/16 09:10 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/23/16 16:44	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/23/16 16:44	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/23/16 16:44	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/23/16 16:44	71-55-6	
Trichloroethene	0.19J	ug/L	0.40	0.14	1		06/23/16 16:44	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	75-125		1		06/23/16 16:44	460-00-4	
Toluene-d8 (S)	102	%	75-125		1		06/23/16 16:44	2037-26-5	
1,2-Dichloroethane-d4 (S)	104	%	75-125		1		06/23/16 16:44	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Sample: CW-16 **Lab ID: 40133917003** Collected: 06/15/16 09:14 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/23/16 17:07	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/23/16 17:07	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/23/16 17:07	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/23/16 17:07	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		06/23/16 17:07	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	75-125		1		06/23/16 17:07	460-00-4	
Toluene-d8 (S)	99	%	75-125		1		06/23/16 17:07	2037-26-5	
1,2-Dichloroethane-d4 (S)	108	%	75-125		1		06/23/16 17:07	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Sample: CW-17 **Lab ID: 40133917004** Collected: 06/15/16 09:18 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/23/16 17:29	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/23/16 17:29	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/23/16 17:29	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/23/16 17:29	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		06/23/16 17:29	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	75-125		1		06/23/16 17:29	460-00-4	
Toluene-d8 (S)	99	%	75-125		1		06/23/16 17:29	2037-26-5	
1,2-Dichloroethane-d4 (S)	106	%	75-125		1		06/23/16 17:29	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Sample: CW-19 **Lab ID: 40133917005** Collected: 06/15/16 09:08 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/23/16 17:52	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/23/16 17:52	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/23/16 17:52	127-18-4	
1,1,1-Trichloroethane	0.22J	ug/L	0.50	0.20	1		06/23/16 17:52	71-55-6	
Trichloroethene	1.9	ug/L	0.40	0.14	1		06/23/16 17:52	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	75-125		1		06/23/16 17:52	460-00-4	
Toluene-d8 (S)	99	%	75-125		1		06/23/16 17:52	2037-26-5	
1,2-Dichloroethane-d4 (S)	106	%	75-125		1		06/23/16 17:52	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Sample: RAW **Lab ID: 40133917006** Collected: 06/15/16 09:20 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/23/16 18:14	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/23/16 18:14	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/23/16 18:14	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/23/16 18:14	71-55-6	
Trichloroethene	0.77	ug/L	0.40	0.14	1		06/23/16 18:14	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	75-125		1		06/23/16 18:14	460-00-4	
Toluene-d8 (S)	102	%	75-125		1		06/23/16 18:14	2037-26-5	
1,2-Dichloroethane-d4 (S)	106	%	75-125		1		06/23/16 18:14	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Sample: TOWER A **Lab ID: 40133917007** Collected: 06/15/16 09:24 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/23/16 18:37	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/23/16 18:37	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/23/16 18:37	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/23/16 18:37	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		06/23/16 18:37	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	75-125		1		06/23/16 18:37	460-00-4	
Toluene-d8 (S)	99	%	75-125		1		06/23/16 18:37	2037-26-5	
1,2-Dichloroethane-d4 (S)	103	%	75-125		1		06/23/16 18:37	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Sample: TOWER B **Lab ID: 40133917008** Collected: 06/15/16 09:22 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/23/16 18:59	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/23/16 18:59	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/23/16 18:59	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/23/16 18:59	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		06/23/16 18:59	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	75-125		1		06/23/16 18:59	460-00-4	
Toluene-d8 (S)	98	%	75-125		1		06/23/16 18:59	2037-26-5	
1,2-Dichloroethane-d4 (S)	107	%	75-125		1		06/23/16 18:59	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Sample: FINISHED PRODUCT **Lab ID: 40133917009** Collected: 06/15/16 08:55 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/23/16 19:22	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/23/16 19:22	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/23/16 19:22	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/23/16 19:22	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		06/23/16 19:22	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	75-125		1		06/23/16 19:22	460-00-4	
Toluene-d8 (S)	99	%	75-125		1		06/23/16 19:22	2037-26-5	
1,2-Dichloroethane-d4 (S)	105	%	75-125		1		06/23/16 19:22	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Sample: TRIP BLANK **Lab ID: 40133917010** Collected: 06/15/16 00:00 Received: 06/16/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.19	ug/L	0.50	0.19	1		06/23/16 14:52	75-34-3	
1,1-Dichloroethene	<0.17	ug/L	0.50	0.17	1		06/23/16 14:52	75-35-4	
Tetrachloroethene	<0.15	ug/L	0.50	0.15	1		06/23/16 14:52	127-18-4	
1,1,1-Trichloroethane	<0.20	ug/L	0.50	0.20	1		06/23/16 14:52	71-55-6	
Trichloroethene	<0.14	ug/L	0.40	0.14	1		06/23/16 14:52	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	75-125		1		06/23/16 14:52	460-00-4	
Toluene-d8 (S)	99	%	75-125		1		06/23/16 14:52	2037-26-5	
1,2-Dichloroethane-d4 (S)	105	%	75-125		1		06/23/16 14:52	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND.
Pace Project No.: 40133917

QC Batch: MSV/36040 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 40133917001, 40133917002, 40133917003, 40133917004, 40133917005, 40133917006, 40133917007, 40133917008, 40133917009, 40133917010

METHOD BLANK: 2293507 Matrix: Water
Associated Lab Samples: 40133917001, 40133917002, 40133917003, 40133917004, 40133917005, 40133917006, 40133917007, 40133917008, 40133917009, 40133917010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.20	0.50	06/23/16 14:29	
1,1-Dichloroethane	ug/L	<0.19	0.50	06/23/16 14:29	
1,1-Dichloroethene	ug/L	<0.17	0.50	06/23/16 14:29	
Tetrachloroethene	ug/L	<0.15	0.50	06/23/16 14:29	
Trichloroethene	ug/L	<0.14	0.40	06/23/16 14:29	
1,2-Dichloroethane-d4 (S)	%	107	75-125	06/23/16 14:29	
4-Bromofluorobenzene (S)	%	99	75-125	06/23/16 14:29	
Toluene-d8 (S)	%	98	75-125	06/23/16 14:29	

LABORATORY CONTROL SAMPLE & LCSD: 2293508

Parameter	Units	2293509		LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result						
1,1,1-Trichloroethane	ug/L	20	19.2	96	98	70-130	3	20	
1,1-Dichloroethane	ug/L	20	18.1	91	101	70-130	11	20	
1,1-Dichloroethene	ug/L	20	17.7	88	93	70-130	5	20	
Tetrachloroethene	ug/L	20	19.7	98	99	70-130	1	20	
Trichloroethene	ug/L	20	20.1	100	99	70-130	1	20	
1,2-Dichloroethane-d4 (S)	%			101	103	75-125			
4-Bromofluorobenzene (S)	%			96	97	75-125			
Toluene-d8 (S)	%			110	100	75-125			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2293510

Parameter	Units	60221690001		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result						
1,1,1-Trichloroethane	ug/L	ND	20	20	18.9	20.4	94	102	70-130	8	20
1,1-Dichloroethane	ug/L	ND	20	20	19.1	19.2	95	96	70-130	1	20
1,1-Dichloroethene	ug/L	ND	20	20	19.4	19.8	97	99	70-130	2	20
Tetrachloroethene	ug/L	ND	20	20	20.5	21.3	102	106	70-130	4	20
Trichloroethene	ug/L	ND	20	20	20.6	20.4	103	102	70-130	1	20
1,2-Dichloroethane-d4 (S)	%						101	102	75-125		
4-Bromofluorobenzene (S)	%						99	101	75-125		
Toluene-d8 (S)	%						101	113	75-125		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALIFIERS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40133917

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40133917001	CW-11	EPA 524.2	MSV/36040		
40133917002	CW-15	EPA 524.2	MSV/36040		
40133917003	CW-16	EPA 524.2	MSV/36040		
40133917004	CW-17	EPA 524.2	MSV/36040		
40133917005	CW-19	EPA 524.2	MSV/36040		
40133917006	RAW	EPA 524.2	MSV/36040		
40133917007	TOWER A	EPA 524.2	MSV/36040		
40133917008	TOWER B	EPA 524.2	MSV/36040		
40133917009	FINISHED PRODUCT	EPA 524.2	MSV/36040		
40133917010	TRIP BLANK	EPA 524.2	MSV/36040		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302



Project #: WO#: 40133917



Client Name: Gannett Fleming

Courier: Fed Ex UPS Client Pace Other: Durham

Tracking #: 118 0039

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR NA Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI Corr: Biological Tissue is Frozen: yes no

Temp Blank Present: yes no

Person examining contents:
Date: 6/16/16
Initials: BJF

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Table with 15 rows and 3 columns. Rows include Chain of Custody Present, Chain of Custody Filled Out, Chain of Custody Relinquished, Sampler Name & Signature on COC, Samples Arrived within Hold Time, Short Hold Time Analysis (<72hr), Rush Turn Around Time Requested, Sufficient Volume, Correct Containers Used, Containers Intact, Filtered volume received for Dissolved tests, Sample Labels match COC, All containers needing preservation have been checked, All containers needing preservation are found to be in compliance with EPA recommendation, Headspace in VOA Vials (>6mm), Trip Blank Present, Trip Blank Custody Seals Present, Pace Trip Blank Lot # (if purchased).

Client Notification/ Resolution: If checked, see attached form for additional comments
Person Contacted: Date/Time:
Comments/ Resolution:

Project Manager Review: [Signature] Date: 6-16-16

September 07, 2016

Project #34283.000
NPI GW (1 of 3)
Reviewed by CCW
9/10/16

Clifford Wright
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717

RE: Project: 34283.000 NAT'L PRESTO IND. (N
Pace Project No.: 40137489

Dear Clifford Wright:

Enclosed are the analytical results for sample(s) received by the laboratory on August 31, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Marcia Kuehl, MAKuehl Co.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: 34283.000 NAT'L PRESTO IND. (N

Pace Project No.: 40137489

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

Virginia VELAP ID: 460263

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

US Dept of Agriculture #: S-76505

Virginia VELAP Certification ID: 460263

Virginia VELAP ID: 460263

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE SUMMARY

Project: 34283.000 NAT'L PRESTO IND. (N)
Pace Project No.: 40137489

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40137489001	EW1R-76'	Water	08/29/16 12:00	08/31/16 07:30
40137489002	EW1R-86'	Water	08/29/16 12:00	08/31/16 07:30
40137489003	EW1R-96'	Water	08/29/16 12:00	08/31/16 07:30
40137489004	EW2-81'	Water	08/29/16 11:30	08/31/16 07:30
40137489005	EW2-91'	Water	08/29/16 11:30	08/31/16 07:30
40137489006	MW34A	Water	08/29/16 15:00	08/31/16 07:30
40137489007	MW34B	Water	08/29/16 14:45	08/31/16 07:30
40137489008	MW34BDUP	Water	08/29/16 14:45	08/31/16 07:30
40137489009	MW34C	Water	08/29/16 14:55	08/31/16 07:30
40137489010	MW68A	Water	08/29/16 16:00	08/31/16 07:30
40137489011	MW68ADUP	Water	08/29/16 16:00	08/31/16 07:30
40137489012	MW68B	Water	08/29/16 16:05	08/31/16 07:30
40137489013	MW70A	Water	08/29/16 14:30	08/31/16 07:30
40137489014	MW70B	Water	08/29/16 14:25	08/31/16 07:30
40137489015	MW74A	Water	08/29/16 15:55	08/31/16 07:30
40137489016	MW74B	Water	08/29/16 15:50	08/31/16 07:30
40137489018	TRIP BLANK B	Water	08/29/16 00:00	08/31/16 07:30
40137489019	EC1	Water	08/30/16 10:15	08/31/16 07:30
40137489020	EW6	Water	08/30/16 07:40	08/31/16 07:30
40137489021	MW52B	Water	08/30/16 10:50	08/31/16 07:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: 34283.000 NAT'L PRESTO IND. (N

Pace Project No.: 40137489

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40137489001	EW1R-76'	EPA 8260	LAP	8	PASI-G
40137489002	EW1R-86'	EPA 8260	LAP	8	PASI-G
40137489003	EW1R-96'	EPA 8260	LAP	8	PASI-G
40137489004	EW2-81'	EPA 8260	LAP	8	PASI-G
40137489005	EW2-91'	EPA 8260	LAP	8	PASI-G
40137489006	MW34A	EPA 8270	RJN	7	PASI-G
		EPA 8260	LAP	8	PASI-G
40137489007	MW34B	EPA 8260	LAP	8	PASI-G
40137489008	MW34BDUP	EPA 8260	LAP	8	PASI-G
40137489009	MW34C	EPA 8260	LAP	8	PASI-G
40137489010	MW68A	EPA 8260	LAP	8	PASI-G
40137489011	MW68ADUP	EPA 8260	LAP	8	PASI-G
40137489012	MW68B	EPA 8270	RJN	7	PASI-G
		EPA 8260	LAP	8	PASI-G
40137489013	MW70A	EPA 8260	LAP	8	PASI-G
40137489014	MW70B	EPA 8260	LAP	8	PASI-G
40137489015	MW74A	EPA 8260	LAP	8	PASI-G
40137489016	MW74B	EPA 8260	LAP	8	PASI-G
40137489018	TRIP BLANK B	EPA 8260	LAP	8	PASI-G
40137489019	EC1	EPA 8260	LAP	8	PASI-G
40137489020	EW6	EPA 8260	LAP	8	PASI-G
40137489021	MW52B	EPA 8270	RJN	7	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SUMMARY OF DETECTION

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40137489006	MW34A					
EPA 8260	1,1-Dichloroethane	0.50J	ug/L	1.0	09/01/16 14:30	
40137489012	MW68B					
EPA 8260	1,1-Dichloroethane	0.25J	ug/L	1.0	09/01/16 16:46	
40137489013	MW70A					
EPA 8260	1,1-Dichloroethane	0.45J	ug/L	1.0	09/01/16 17:08	
EPA 8260	Trichloroethene	0.55J	ug/L	1.0	09/01/16 17:08	
40137489019	EC1					
EPA 8260	Trichloroethene	0.43J	ug/L	1.0	09/01/16 12:37	
40137489020	EW6					
EPA 8260	1,1,1-Trichloroethane	1.1	ug/L	1.0	09/01/16 19:01	
EPA 8260	Trichloroethene	0.73J	ug/L	1.0	09/01/16 19:01	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Method: EPA 8270

Description: 8270 MSSV Semivolatile Organic

Client: Gannett Fleming Inc.

Date: September 07, 2016

General Information:

3 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 233862

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: 34283.000 NAT'L PRESTO IND. (N)
Pace Project No.: 40137489

Method: EPA 8260
Description: 8260 MSV
Client: Gannett Fleming Inc.
Date: September 07, 2016

General Information:

19 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: EW1R-76' **Lab ID:** 40137489001 Collected: 08/29/16 12:00 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 18:39	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 18:39	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 18:39	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 18:39	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 18:39	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		09/01/16 18:39	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		09/01/16 18:39	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		09/01/16 18:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: EW1R-86' **Lab ID: 40137489002** Collected: 08/29/16 12:00 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 13:00	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 13:00	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 13:00	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 13:00	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 13:00	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		09/01/16 13:00	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		09/01/16 13:00	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		09/01/16 13:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: EW1R-96' **Lab ID:** 40137489003 Collected: 08/29/16 12:00 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 13:22	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 13:22	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 13:22	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 13:22	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 13:22	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		09/01/16 13:22	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		09/01/16 13:22	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		09/01/16 13:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: EW2-81' **Lab ID: 40137489004** Collected: 08/29/16 11:30 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 13:45	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 13:45	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 13:45	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 13:45	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 13:45	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		09/01/16 13:45	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		09/01/16 13:45	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		09/01/16 13:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: EW2-91' **Lab ID: 40137489005** Collected: 08/29/16 11:30 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 14:08	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 14:08	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 14:08	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 14:08	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 14:08	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		09/01/16 14:08	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		09/01/16 14:08	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		09/01/16 14:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: MW34A **Lab ID: 40137489006** Collected: 08/29/16 15:00 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.5	2.8	1	09/01/16 09:15	09/02/16 12:35	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	76	%	43-130		1	09/01/16 09:15	09/02/16 12:35	4165-60-0	
2-Fluorobiphenyl (S)	74	%	41-130		1	09/01/16 09:15	09/02/16 12:35	321-60-8	
Terphenyl-d14 (S)	80	%	49-130		1	09/01/16 09:15	09/02/16 12:35	1718-51-0	
Phenol-d6 (S)	30	%	15-130		1	09/01/16 09:15	09/02/16 12:35	13127-88-3	
2-Fluorophenol (S)	50	%	27-130		1	09/01/16 09:15	09/02/16 12:35	367-12-4	
2,4,6-Tribromophenol (S)	83	%	42-140		1	09/01/16 09:15	09/02/16 12:35	118-79-6	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 14:30	71-55-6	
1,1-Dichloroethane	0.50J	ug/L	1.0	0.24	1		09/01/16 14:30	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 14:30	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 14:30	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 14:30	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		09/01/16 14:30	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		09/01/16 14:30	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		09/01/16 14:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: MW34B **Lab ID: 40137489007** Collected: 08/29/16 14:45 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 14:53	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 14:53	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 14:53	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 14:53	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 14:53	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		09/01/16 14:53	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		09/01/16 14:53	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		09/01/16 14:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: MW34BDUP **Lab ID: 40137489008** Collected: 08/29/16 14:45 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 15:16	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 15:16	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 15:16	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 15:16	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 15:16	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	81	%	70-130		1		09/01/16 15:16	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		09/01/16 15:16	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		09/01/16 15:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: MW34C **Lab ID: 40137489009** Collected: 08/29/16 14:55 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 15:38	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 15:38	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 15:38	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 15:38	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 15:38	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		09/01/16 15:38	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		09/01/16 15:38	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		09/01/16 15:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: MW68A **Lab ID: 40137489010** Collected: 08/29/16 16:00 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 16:01	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 16:01	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 16:01	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 16:01	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 16:01	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		09/01/16 16:01	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		09/01/16 16:01	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		09/01/16 16:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: MW68ADUP **Lab ID: 40137489011** Collected: 08/29/16 16:00 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 16:23	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 16:23	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 16:23	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 16:23	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 16:23	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		09/01/16 16:23	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		09/01/16 16:23	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		09/01/16 16:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: MW68B **Lab ID: 40137489012** Collected: 08/29/16 16:05 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.4	2.8	1	09/01/16 09:15	09/02/16 12:56	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	74	%	43-130		1	09/01/16 09:15	09/02/16 12:56	4165-60-0	
2-Fluorobiphenyl (S)	74	%	41-130		1	09/01/16 09:15	09/02/16 12:56	321-60-8	
Terphenyl-d14 (S)	73	%	49-130		1	09/01/16 09:15	09/02/16 12:56	1718-51-0	
Phenol-d6 (S)	26	%	15-130		1	09/01/16 09:15	09/02/16 12:56	13127-88-3	
2-Fluorophenol (S)	40	%	27-130		1	09/01/16 09:15	09/02/16 12:56	367-12-4	
2,4,6-Tribromophenol (S)	62	%	42-140		1	09/01/16 09:15	09/02/16 12:56	118-79-6	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 16:46	71-55-6	
1,1-Dichloroethane	0.25J	ug/L	1.0	0.24	1		09/01/16 16:46	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 16:46	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 16:46	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 16:46	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		09/01/16 16:46	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		09/01/16 16:46	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		09/01/16 16:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: MW70A **Lab ID: 40137489013** Collected: 08/29/16 14:30 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 17:08	71-55-6	
1,1-Dichloroethane	0.45J	ug/L	1.0	0.24	1		09/01/16 17:08	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 17:08	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 17:08	127-18-4	
Trichloroethene	0.55J	ug/L	1.0	0.33	1		09/01/16 17:08	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		09/01/16 17:08	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		09/01/16 17:08	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		09/01/16 17:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: MW70B **Lab ID: 40137489014** Collected: 08/29/16 14:25 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 17:31	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 17:31	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 17:31	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 17:31	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 17:31	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		09/01/16 17:31	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		09/01/16 17:31	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		09/01/16 17:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: MW74A **Lab ID: 40137489015** Collected: 08/29/16 15:55 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 17:54	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 17:54	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 17:54	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 17:54	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 17:54	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	81	%	70-130		1		09/01/16 17:54	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		09/01/16 17:54	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/01/16 17:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: MW74B **Lab ID: 40137489016** Collected: 08/29/16 15:50 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 18:16	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 18:16	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 18:16	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 18:16	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 18:16	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		09/01/16 18:16	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		09/01/16 18:16	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		09/01/16 18:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: TRIP BLANK B **Lab ID: 40137489018** Collected: 08/29/16 00:00 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 19:24	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 19:24	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 19:24	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 19:24	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/01/16 19:24	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		09/01/16 19:24	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		09/01/16 19:24	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		09/01/16 19:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: EC1 **Lab ID: 40137489019** Collected: 08/30/16 10:15 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/01/16 12:37	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 12:37	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 12:37	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 12:37	127-18-4	
Trichloroethene	0.43J	ug/L	1.0	0.33	1		09/01/16 12:37	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		09/01/16 12:37	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		09/01/16 12:37	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		09/01/16 12:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: EW6 **Lab ID: 40137489020** Collected: 08/30/16 07:40 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	1.1	ug/L	1.0	0.50	1		09/01/16 19:01	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/01/16 19:01	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/01/16 19:01	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/01/16 19:01	127-18-4	
Trichloroethene	0.73J	ug/L	1.0	0.33	1		09/01/16 19:01	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	81	%	70-130		1		09/01/16 19:01	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		09/01/16 19:01	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		09/01/16 19:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

Sample: MW52B **Lab ID: 40137489021** Collected: 08/30/16 10:50 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.5	2.8	1	09/01/16 09:15	09/02/16 12:24	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	68	%	43-130		1	09/01/16 09:15	09/02/16 12:24	4165-60-0	
2-Fluorobiphenyl (S)	54	%	41-130		1	09/01/16 09:15	09/02/16 12:24	321-60-8	
Terphenyl-d14 (S)	57	%	49-130		1	09/01/16 09:15	09/02/16 12:24	1718-51-0	
Phenol-d6 (S)	28	%	15-130		1	09/01/16 09:15	09/02/16 12:24	13127-88-3	
2-Fluorophenol (S)	38	%	27-130		1	09/01/16 09:15	09/02/16 12:24	367-12-4	
2,4,6-Tribromophenol (S)	50	%	42-140		1	09/01/16 09:15	09/02/16 12:24	118-79-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

QC Batch:	233853	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	40137489001, 40137489002, 40137489003, 40137489004, 40137489005, 40137489006, 40137489007, 40137489008, 40137489009, 40137489010, 40137489011, 40137489012, 40137489013, 40137489014, 40137489015, 40137489016, 40137489018, 40137489019, 40137489020		

METHOD BLANK:	1385225	Matrix:	Water
Associated Lab Samples:	40137489001, 40137489002, 40137489003, 40137489004, 40137489005, 40137489006, 40137489007, 40137489008, 40137489009, 40137489010, 40137489011, 40137489012, 40137489013, 40137489014, 40137489015, 40137489016, 40137489018, 40137489019, 40137489020		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	09/01/16 08:29	
1,1-Dichloroethane	ug/L	<0.24	1.0	09/01/16 08:29	
1,1-Dichloroethene	ug/L	<0.41	1.0	09/01/16 08:29	
Tetrachloroethene	ug/L	<0.50	1.0	09/01/16 08:29	
Trichloroethene	ug/L	<0.33	1.0	09/01/16 08:29	
4-Bromofluorobenzene (S)	%	90	70-130	09/01/16 08:29	
Dibromofluoromethane (S)	%	97	70-130	09/01/16 08:29	
Toluene-d8 (S)	%	93	70-130	09/01/16 08:29	

LABORATORY CONTROL SAMPLE: 1385226

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.8	100	70-131	
1,1-Dichloroethane	ug/L	50	51.0	102	70-133	
1,1-Dichloroethene	ug/L	50	50.5	101	70-130	
Tetrachloroethene	ug/L	50	54.2	108	70-138	
Trichloroethene	ug/L	50	52.8	106	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1385227 1385228

Parameter	Units	40137489019 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result					
1,1,1-Trichloroethane	ug/L	<0.50	50	50	49.9	48.9	100	98	70-134	2	20
1,1-Dichloroethane	ug/L	<0.24	50	50	50.2	50.1	100	100	70-134	0	20
1,1-Dichloroethene	ug/L	<0.41	50	50	49.1	50.0	98	100	68-136	2	20
Tetrachloroethene	ug/L	<0.50	50	50	53.7	53.9	107	108	70-148	0	20
Trichloroethene	ug/L	0.43J	50	50	57.6	54.8	114	109	70-131	5	20
4-Bromofluorobenzene (S)	%						107	107	70-130		
Dibromofluoromethane (S)	%						98	101	70-130		
Toluene-d8 (S)	%						102	103	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

QC Batch: 233862 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 40137489006, 40137489012, 40137489021

METHOD BLANK: 1385256 Matrix: Water

Associated Lab Samples: 40137489006, 40137489012, 40137489021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	<3.0	9.9	09/02/16 10:05	
2,4,6-Tribromophenol (S)	%	81	42-140	09/02/16 10:05	
2-Fluorobiphenyl (S)	%	78	41-130	09/02/16 10:05	
2-Fluorophenol (S)	%	57	27-130	09/02/16 10:05	
Nitrobenzene-d5 (S)	%	84	43-130	09/02/16 10:05	
Phenol-d6 (S)	%	35	15-130	09/02/16 10:05	
Terphenyl-d14 (S)	%	93	49-130	09/02/16 10:05	

LABORATORY CONTROL SAMPLE & LCSD: 1385257

1385258

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,4,6-Tribromophenol (S)	%				76	78	42-140			
2-Fluorobiphenyl (S)	%				83	78	41-130			
2-Fluorophenol (S)	%				52	48	27-130			
Nitrobenzene-d5 (S)	%				80	76	43-130			
Phenol-d6 (S)	%				32	32	15-130			
Terphenyl-d14 (S)	%				78	80	49-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALIFIERS

Project: 34283.000 NAT'L PRESTO IND. (N)

Pace Project No.: 40137489

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: 233952

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 34283.000 NAT'L PRESTO IND. (N)
Pace Project No.: 40137489

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40137489006	MW34A	EPA 3510	233862	EPA 8270	233952
40137489012	MW68B	EPA 3510	233862	EPA 8270	233952
40137489021	MW52B	EPA 3510	233862	EPA 8270	233952
40137489001	EW1R-76'	EPA 8260	233853		
40137489002	EW1R-86'	EPA 8260	233853		
40137489003	EW1R-96'	EPA 8260	233853		
40137489004	EW2-81'	EPA 8260	233853		
40137489005	EW2-91'	EPA 8260	233853		
40137489006	MW34A	EPA 8260	233853		
40137489007	MW34B	EPA 8260	233853		
40137489008	MW34BDUP	EPA 8260	233853		
40137489009	MW34C	EPA 8260	233853		
40137489010	MW68A	EPA 8260	233853		
40137489011	MW68ADUP	EPA 8260	233853		
40137489012	MW68B	EPA 8260	233853		
40137489013	MW70A	EPA 8260	233853		
40137489014	MW70B	EPA 8260	233853		
40137489015	MW74A	EPA 8260	233853		
40137489016	MW74B	EPA 8260	233853		
40137489018	TRIP BLANK B	EPA 8260	233853		
40137489019	EC1	EPA 8260	233853		
40137489020	EW6	EPA 8260	233853		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

(Please Print Clearly)

Company Name: Gannett Fleming
 Branch/Location: Madison, WI
 Project Contact: Dave Olza
 Phone: 608-836-4500
 Project Number: 34253.000
 Project Name: Nat'l Prestb Ind. (NPI)
 Project State: WI
 Sampled By (Print): Chelsea Payne
 Sampled By (Sign): Chelsea Payne
 PO #: _____ Regulatory Program: _____



BFB

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

40137489

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	N	N																			
Pick Letter	B	A																			
Analyses Requested	NPI Short List		1,4-Dioxane																		
	X																				

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	EWIR-76'	8-29-16	12:00	GW
002	EWIR-86'		12:00	
003	EWIR-96'		12:00	
004	EW 2-81'		11:30	
005	EW 2-91'		11:30	
006	MW 34A		15:00	
007	MW 34B		14:45	
008	MW 34B dup		14:45	
009	MW 34C		14:55	
010	MW 68A		16:00	
011	MW 68B dup		16:00	
012	MW 68B		16:05	
013	MW 70A		14:30	

Quote #: _____
 Mail To Contact: Dave Olza
 Mail To Company: Gannett Fleming
 Mail To Address: 825 Excelsior Dr. J Madison, WI 53717
 Invoice To Contact: _____
 Invoice To Company: See
 Invoice To Address: mail to
 Invoice To Phone: 608-836-1500
 CLIENT COMMENTS: 3-40mlvB
 LAB COMMENTS (Lab Use Only): 2-1Lag^A
(2 vials only (VOCs)) 2-40mlvB
2-1Lag^A

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed: _____ Transmit Prelim Rush Results by (complete what you want): _____ Email #1: _____ Email #2: _____ Telephone: _____ Fax: _____ Samples on HOLD are subject to special pricing and release of liability	Relinquished By: <u>Chelsea Payne</u> Date/Time: <u>8-30-16 14:00</u> Relinquished By: <u>Nurham</u> Date/Time: <u>8-31-16 0730</u> Relinquished By: _____ Date/Time: _____ Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____ Received By: <u>Susan Wylde</u> Date/Time: <u>8/31/16 0730</u> Received By: _____ Date/Time: _____ Received By: _____ Date/Time: _____	PACE Project No. <u>40137489</u> Receipt Temp = <u>ROT</u> Sample Receipt pH _____ OK / Adjusted _____ Cooler Custody Seal Present / <u>Not Present</u> Intact / Not Intact
--	--	---	--

(Please Print Clearly)

Company Name: Gannett Fleming
 Branch/Location:
 Project Contact: See pg 1
 Phone:
 Project Number: 34253.000
 Project Name: NPI
 Project State:
 Sampled By (Print):
 Sampled By (Sign):



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analysis Requested	DATE	TIME	MATRIX
N	B	NOC NPI Short List 14 Di-ex-ve	8-21-16	14:25	GW
N	A			15:55	
				15:50	

Quote #:
 Mail To Contact:
 Mail To Company:
 Mail To Address: See pg 1
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address:
 Invoice To Phone:
 CLIENT COMMENTS:
 LAB COMMENTS (Lab Use Only):
 Profile #:

PO #:
 Regulatory Program:
Data Package Options (billable)
 EPA Level III
 EPA Level IV
MS/MSD
 On your sample (billable)
 NOT needed on your sample
Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
014	MW 70B	8-21-16	14:25	GW
015	MW 74A		15:55	
016	MW 74B		15:50	
017	Trip Blank A			
018	Trip Blank B			
019	EC 1	8:30	10:15	
	EC1 MS	"	10:15	
	EC1 MSD	"	10:15	
020	EW 6	"	7:40	
021	MW 52B	"	10:50	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed:
 Transmit Prelim Rush Results by (complete what you want):
 Email #1:
 Email #2:
 Telephone:
 Fax:
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: <u>Chelsea Payne</u>	Date/Time: <u>8-30-16 14:00</u>	Received By:	Date/Time:
Relinquished By: <u>Durham</u>	Date/Time: <u>8-31-16 07:30</u>	Received By: <u>Susana Wypal</u>	Date/Time: <u>8-31-16 07:30</u>
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No. 40137489
 Receipt Temp = 20.1 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present
 Intact / Not Intact

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302



Client Name: Garnett Fleming
 Courier: Fed Ex UPS Client Pace Other: Durban
 Tracking #: 1208076

Project #: **WO# : 40137489**

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no
 Custody Seal on Samples Present: yes no Seals intact: yes no
 Packing Material: Bubble Wrap Bubble Bags None Other
 Thermometer Used: N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun
 Cooler Temperature: Uncorr: ROT /Corr: _____ Biological Tissue is Frozen: yes no
 Temp Blank Present: yes no

Person examining contents:
 Date: 8-31-14
 Initials: SW

Temp should be above freezing to 6°C for all sample except Biota.
 Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>013 1-40ml^u no collect date</u>
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	<u>BT 8/31/14</u>
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):	<u>369</u>	<u>8/31/14 SW</u>

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

Project Manager Review: AMH for DM Date: 8/31/14

September 08, 2016

Project #34283.000
NPI 3Q gw (2 of 3)
Reviewed by CCW
9/10/16

Clifford Wright
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717

RE: Project: NAT'L PRESTO IND. (NPI)
Pace Project No.: 40137573

Dear Clifford Wright:

Enclosed are the analytical results for sample(s) received by the laboratory on September 01, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Marcia Kuehl, MAKuehl Co.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

Virginia VELAP ID: 460263

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

US Dept of Agriculture #: S-76505

Virginia VELAP Certification ID: 460263

Virginia VELAP ID: 460263

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE SUMMARY

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40137573001	EW-5	Water	08/30/16 08:15	09/01/16 07:30
40137573002	MH-18	Water	08/30/16 08:20	09/01/16 07:30
40137573003	MW-10A	Water	08/29/16 14:05	09/01/16 07:30
40137573004	MW-10B	Water	08/29/16 13:58	09/01/16 07:30
40137573005	MW-23A	Water	08/30/16 16:00	09/01/16 07:30
40137573006	MW-23B	Water	08/30/16 16:05	09/01/16 07:30
40137573007	MW-38B	Water	08/30/16 15:30	09/01/16 07:30
40137573008	MW-68B	Water	08/29/16 16:05	09/01/16 07:30
40137573009	MW-70B	Water	08/29/16 14:25	09/01/16 07:30
40137573010	MW-75	Water	08/29/16 15:20	09/01/16 07:30
40137573011	MW-76A	Water	08/30/16 07:40	09/01/16 07:30
40137573012	MW-77A	Water	08/31/16 09:00	09/01/16 07:30
40137573013	MW-77B	Water	08/31/16 09:05	09/01/16 07:30
40137573014	MW-77C	Water	08/31/16 08:50	09/01/16 07:30
40137573015	RW-16	Water	08/30/16 13:55	09/01/16 07:30
40137573016	RW-3C	Water	08/30/16 13:20	09/01/16 07:30
40137573017	MW-4A	Water	08/31/16 08:25	09/01/16 07:30
40137573018	MW-4B	Water	08/31/16 08:20	09/01/16 07:30
40137573019	TRIP BLANK C	Water	08/30/16 00:00	09/01/16 07:30
40137573020	TRIP BLANK D	Water	08/31/16 00:00	09/01/16 07:30
40137573021	MW-4B DUP	Water	08/31/16 08:20	09/01/16 07:30
40137573022	FIELD BLANK 2	Water	08/31/16 07:50	09/01/16 07:30
40137573023	FIELD BLANK 1	Water	08/30/16 09:20	09/01/16 07:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40137573001	EW-5	EPA 8260	HNW	8	PASI-G
40137573002	MH-18	EPA 8260	HNW	8	PASI-G
40137573003	MW-10A	EPA 6010	DLB	1	PASI-G
40137573004	MW-10B	EPA 6010	DLB	1	PASI-G
40137573005	MW-23A	EPA 8260	HNW	8	PASI-G
40137573006	MW-23B	EPA 8260	HNW	8	PASI-G
40137573007	MW-38B	EPA 8270	RJN	7	PASI-G
40137573008	MW-68B	EPA 6010	DLB	1	PASI-G
40137573009	MW-70B	EPA 6010	DLB	1	PASI-G
40137573010	MW-75	EPA 6010	DLB	1	PASI-G
40137573011	MW-76A	EPA 8270	RJN	7	PASI-G
		EPA 8260	HNW	8	PASI-G
40137573012	MW-77A	EPA 8260	HNW	8	PASI-G
40137573013	MW-77B	EPA 8270	RJN	7	PASI-G
		EPA 8260	HNW	8	PASI-G
40137573014	MW-77C	EPA 8260	HNW	8	PASI-G
40137573015	RW-16	EPA 8270	RJN	7	PASI-G
40137573016	RW-3C	EPA 8270	RJN	7	PASI-G
40137573017	MW-4A	EPA 8260	HNW	8	PASI-G
40137573018	MW-4B	EPA 8260	HNW	8	PASI-G
40137573019	TRIP BLANK C	EPA 8260	HNW	8	PASI-G
40137573020	TRIP BLANK D	EPA 8260	HNW	8	PASI-G
40137573021	MW-4B DUP	EPA 8260	HNW	8	PASI-G
40137573022	FIELD BLANK 2	EPA 8260	HNW	8	PASI-G
40137573023	FIELD BLANK 1	EPA 8260	HNW	8	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SUMMARY OF DETECTION

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40137573001	EW-5					
EPA 8260	Trichloroethene	0.43J	ug/L	1.0	09/02/16 20:04	
40137573002	MH-18					
EPA 8260	1,1,1-Trichloroethane	0.69J	ug/L	1.0	09/02/16 20:27	
EPA 8260	Trichloroethene	0.51J	ug/L	1.0	09/02/16 20:27	
40137573003	MW-10A					
EPA 6010	Cadmium, Dissolved	18.8	ug/L	5.0	09/06/16 10:43	
40137573004	MW-10B					
EPA 6010	Cadmium, Dissolved	3.6J	ug/L	5.0	09/06/16 10:50	
40137573005	MW-23A					
EPA 8260	Trichloroethene	1.1	ug/L	1.0	09/02/16 20:49	
40137573006	MW-23B					
EPA 8260	Trichloroethene	1.9	ug/L	1.0	09/02/16 21:11	
40137573008	MW-68B					
EPA 6010	Cadmium, Dissolved	4.0J	ug/L	5.0	09/02/16 19:10	
40137573009	MW-70B					
EPA 6010	Cadmium, Dissolved	4.1J	ug/L	5.0	09/02/16 19:12	
40137573010	MW-75					
EPA 6010	Cadmium, Dissolved	2.2J	ug/L	5.0	09/02/16 19:15	
40137573012	MW-77A					
EPA 8260	Trichloroethene	0.91J	ug/L	1.0	09/02/16 21:56	
40137573013	MW-77B					
EPA 8260	Trichloroethene	1.8	ug/L	1.0	09/02/16 22:19	
40137573014	MW-77C					
EPA 8260	Trichloroethene	0.55J	ug/L	1.0	09/02/16 22:41	
40137573018	MW-4B					
EPA 8260	Trichloroethene	0.38J	ug/L	1.0	09/02/16 23:26	
40137573021	MW-4B DUP					
EPA 8260	Trichloroethene	0.40J	ug/L	1.0	09/03/16 00:32	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Method: EPA 6010

Description: 6010 MET ICP, Dissolved

Client: Gannett Fleming Inc.

Date: September 08, 2016

General Information:

5 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: NAT'L PRESTO IND. (NPI)
Pace Project No.: 40137573

Method: EPA 8270
Description: 8270 MSSV Semivolatile Organic
Client: Gannett Fleming Inc.
Date: September 08, 2016

General Information:

5 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 234098

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Method: EPA 8260

Description: 8260 MSV

Client: Gannett Fleming Inc.

Date: September 08, 2016

General Information:

15 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 234140

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40137596001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 1387666)
 - 1,1,1-Trichloroethane
 - 1,1-Dichloroethane

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: EW-5 **Lab ID: 40137573001** Collected: 08/30/16 08:15 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/02/16 20:04	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/02/16 20:04	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/02/16 20:04	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/02/16 20:04	127-18-4	
Trichloroethene	0.43J	ug/L	1.0	0.33	1		09/02/16 20:04	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		09/02/16 20:04	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		09/02/16 20:04	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/02/16 20:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MH-18 **Lab ID: 40137573002** Collected: 08/30/16 08:20 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	0.69J	ug/L	1.0	0.50	1		09/02/16 20:27	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/02/16 20:27	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/02/16 20:27	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/02/16 20:27	127-18-4	
Trichloroethene	0.51J	ug/L	1.0	0.33	1		09/02/16 20:27	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		09/02/16 20:27	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		09/02/16 20:27	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/02/16 20:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-10A **Lab ID: 40137573003** Collected: 08/29/16 14:05 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Cadmium, Dissolved	18.8	ug/L	5.0	0.60	1		09/06/16 10:43	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-10B **Lab ID: 40137573004** Collected: 08/29/16 13:58 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Cadmium, Dissolved	3.6J	ug/L	5.0	0.60	1		09/06/16 10:50	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-23A **Lab ID: 40137573005** Collected: 08/30/16 16:00 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/02/16 20:49	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/02/16 20:49	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/02/16 20:49	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/02/16 20:49	127-18-4	
Trichloroethene	1.1	ug/L	1.0	0.33	1		09/02/16 20:49	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		09/02/16 20:49	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		09/02/16 20:49	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/02/16 20:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-23B **Lab ID: 40137573006** Collected: 08/30/16 16:05 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/02/16 21:11	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/02/16 21:11	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/02/16 21:11	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/02/16 21:11	127-18-4	
Trichloroethene	1.9	ug/L	1.0	0.33	1		09/02/16 21:11	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		09/02/16 21:11	460-00-4	
Dibromofluoromethane (S)	115	%	70-130		1		09/02/16 21:11	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		09/02/16 21:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-38B **Lab ID: 40137573007** Collected: 08/30/16 15:30 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.5	2.8	1	09/06/16 07:55	09/07/16 09:43	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	82	%	43-130		1	09/06/16 07:55	09/07/16 09:43	4165-60-0	
2-Fluorobiphenyl (S)	84	%	41-130		1	09/06/16 07:55	09/07/16 09:43	321-60-8	
Terphenyl-d14 (S)	91	%	49-130		1	09/06/16 07:55	09/07/16 09:43	1718-51-0	
Phenol-d6 (S)	32	%	15-130		1	09/06/16 07:55	09/07/16 09:43	13127-88-3	
2-Fluorophenol (S)	52	%	27-130		1	09/06/16 07:55	09/07/16 09:43	367-12-4	
2,4,6-Tribromophenol (S)	88	%	42-140		1	09/06/16 07:55	09/07/16 09:43	118-79-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-68B **Lab ID: 40137573008** Collected: 08/29/16 16:05 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Cadmium, Dissolved	4.0J	ug/L	5.0	0.60	1		09/02/16 19:10	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-70B **Lab ID: 40137573009** Collected: 08/29/16 14:25 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Cadmium, Dissolved	4.1J	ug/L	5.0	0.60	1		09/02/16 19:12	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-75 **Lab ID: 40137573010** Collected: 08/29/16 15:20 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Cadmium, Dissolved	2.2J	ug/L	5.0	0.60	1		09/02/16 19:15	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-76A **Lab ID: 40137573011** Collected: 08/30/16 07:40 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,4-Dioxane (p-Dioxane)	<2.9	ug/L	9.8	2.9	1	09/06/16 07:55	09/07/16 10:04	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	83	%	43-130		1	09/06/16 07:55	09/07/16 10:04	4165-60-0	
2-Fluorobiphenyl (S)	89	%	41-130		1	09/06/16 07:55	09/07/16 10:04	321-60-8	
Terphenyl-d14 (S)	98	%	49-130		1	09/06/16 07:55	09/07/16 10:04	1718-51-0	
Phenol-d6 (S)	32	%	15-130		1	09/06/16 07:55	09/07/16 10:04	13127-88-3	
2-Fluorophenol (S)	54	%	27-130		1	09/06/16 07:55	09/07/16 10:04	367-12-4	
2,4,6-Tribromophenol (S)	95	%	42-140		1	09/06/16 07:55	09/07/16 10:04	118-79-6	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/02/16 21:34	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/02/16 21:34	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/02/16 21:34	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/02/16 21:34	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/02/16 21:34	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		09/02/16 21:34	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		09/02/16 21:34	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		09/02/16 21:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-77A **Lab ID: 40137573012** Collected: 08/31/16 09:00 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/02/16 21:56	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/02/16 21:56	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/02/16 21:56	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/02/16 21:56	127-18-4	
Trichloroethene	0.91J	ug/L	1.0	0.33	1		09/02/16 21:56	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		09/02/16 21:56	460-00-4	
Dibromofluoromethane (S)	122	%	70-130		1		09/02/16 21:56	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		09/02/16 21:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-77B **Lab ID: 40137573013** Collected: 08/31/16 09:05 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.4	2.8	1	09/06/16 07:55	09/07/16 12:02	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	89	%	43-130		1	09/06/16 07:55	09/07/16 12:02	4165-60-0	
2-Fluorobiphenyl (S)	74	%	41-130		1	09/06/16 07:55	09/07/16 12:02	321-60-8	
Terphenyl-d14 (S)	96	%	49-130		1	09/06/16 07:55	09/07/16 12:02	1718-51-0	
Phenol-d6 (S)	32	%	15-130		1	09/06/16 07:55	09/07/16 12:02	13127-88-3	
2-Fluorophenol (S)	49	%	27-130		1	09/06/16 07:55	09/07/16 12:02	367-12-4	
2,4,6-Tribromophenol (S)	79	%	42-140		1	09/06/16 07:55	09/07/16 12:02	118-79-6	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/02/16 22:19	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/02/16 22:19	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/02/16 22:19	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/02/16 22:19	127-18-4	
Trichloroethene	1.8	ug/L	1.0	0.33	1		09/02/16 22:19	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		09/02/16 22:19	460-00-4	
Dibromofluoromethane (S)	119	%	70-130		1		09/02/16 22:19	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/02/16 22:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-77C **Lab ID: 40137573014** Collected: 08/31/16 08:50 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/02/16 22:41	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/02/16 22:41	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/02/16 22:41	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/02/16 22:41	127-18-4	
Trichloroethene	0.55J	ug/L	1.0	0.33	1		09/02/16 22:41	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		09/02/16 22:41	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		09/02/16 22:41	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		09/02/16 22:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: RW-16 **Lab ID: 40137573015** Collected: 08/30/16 13:55 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.5	2.8	1	09/06/16 07:55	09/07/16 11:30	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	86	%	43-130		1	09/06/16 07:55	09/07/16 11:30	4165-60-0	
2-Fluorobiphenyl (S)	93	%	41-130		1	09/06/16 07:55	09/07/16 11:30	321-60-8	
Terphenyl-d14 (S)	94	%	49-130		1	09/06/16 07:55	09/07/16 11:30	1718-51-0	
Phenol-d6 (S)	31	%	15-130		1	09/06/16 07:55	09/07/16 11:30	13127-88-3	
2-Fluorophenol (S)	52	%	27-130		1	09/06/16 07:55	09/07/16 11:30	367-12-4	
2,4,6-Tribromophenol (S)	85	%	42-140		1	09/06/16 07:55	09/07/16 11:30	118-79-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: RW-3C **Lab ID: 40137573016** Collected: 08/30/16 13:20 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.4	2.8	1	09/06/16 07:55	09/07/16 11:51	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	85	%	43-130		1	09/06/16 07:55	09/07/16 11:51	4165-60-0	
2-Fluorobiphenyl (S)	89	%	41-130		1	09/06/16 07:55	09/07/16 11:51	321-60-8	
Terphenyl-d14 (S)	90	%	49-130		1	09/06/16 07:55	09/07/16 11:51	1718-51-0	
Phenol-d6 (S)	30	%	15-130		1	09/06/16 07:55	09/07/16 11:51	13127-88-3	
2-Fluorophenol (S)	49	%	27-130		1	09/06/16 07:55	09/07/16 11:51	367-12-4	
2,4,6-Tribromophenol (S)	78	%	42-140		1	09/06/16 07:55	09/07/16 11:51	118-79-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-4A **Lab ID: 40137573017** Collected: 08/31/16 08:25 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/02/16 23:03	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/02/16 23:03	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/02/16 23:03	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/02/16 23:03	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/02/16 23:03	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		09/02/16 23:03	460-00-4	
Dibromofluoromethane (S)	120	%	70-130		1		09/02/16 23:03	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/02/16 23:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-4B **Lab ID: 40137573018** Collected: 08/31/16 08:20 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/02/16 23:26	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/02/16 23:26	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/02/16 23:26	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/02/16 23:26	127-18-4	
Trichloroethene	0.38J	ug/L	1.0	0.33	1		09/02/16 23:26	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		09/02/16 23:26	460-00-4	
Dibromofluoromethane (S)	119	%	70-130		1		09/02/16 23:26	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/02/16 23:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: TRIP BLANK C **Lab ID: 40137573019** Collected: 08/30/16 00:00 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/02/16 23:48	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/02/16 23:48	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/02/16 23:48	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/02/16 23:48	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/02/16 23:48	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		09/02/16 23:48	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		09/02/16 23:48	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/02/16 23:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: TRIP BLANK D **Lab ID: 40137573020** Collected: 08/31/16 00:00 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/03/16 00:10	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/03/16 00:10	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/03/16 00:10	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/03/16 00:10	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/03/16 00:10	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		09/03/16 00:10	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		09/03/16 00:10	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		09/03/16 00:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: MW-4B DUP **Lab ID: 40137573021** Collected: 08/31/16 08:20 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/03/16 00:32	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/03/16 00:32	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/03/16 00:32	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/03/16 00:32	127-18-4	
Trichloroethene	0.40J	ug/L	1.0	0.33	1		09/03/16 00:32	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		09/03/16 00:32	460-00-4	
Dibromofluoromethane (S)	121	%	70-130		1		09/03/16 00:32	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		09/03/16 00:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

Sample: FIELD BLANK 2 **Lab ID: 40137573022** Collected: 08/31/16 07:50 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/03/16 00:55	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/03/16 00:55	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/03/16 00:55	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/03/16 00:55	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/03/16 00:55	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		09/03/16 00:55	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		09/03/16 00:55	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/03/16 00:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: NAT'L PRESTO IND. (NPI)
Pace Project No.: 40137573

Sample: FIELD BLANK 1 **Lab ID: 40137573023** Collected: 08/30/16 09:20 Received: 09/01/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		09/07/16 14:50	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		09/07/16 14:50	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		09/07/16 14:50	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		09/07/16 14:50	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		09/07/16 14:50	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		09/07/16 14:50	460-00-4	
Dibromofluoromethane (S)	122	%	70-130		1		09/07/16 14:50	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		09/07/16 14:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

QC Batch: 234063

Analysis Method: EPA 6010

QC Batch Method: EPA 6010

Analysis Description: ICP Metals, Trace, Dissolved

Associated Lab Samples: 40137573003, 40137573004, 40137573008, 40137573009, 40137573010

METHOD BLANK: 1386998

Matrix: Water

Associated Lab Samples: 40137573003, 40137573004, 40137573008, 40137573009, 40137573010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cadmium, Dissolved	ug/L	<0.60	5.0	09/06/16 10:38	

METHOD BLANK: 1387002

Matrix: Water

Associated Lab Samples: 40137573003, 40137573004, 40137573008, 40137573009, 40137573010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cadmium, Dissolved	ug/L	<0.60	5.0	09/06/16 11:02	

LABORATORY CONTROL SAMPLE: 1386999

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium, Dissolved	ug/L	500	475	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1387000 1387001

Parameter	Units	40137573003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium, Dissolved	ug/L	18.8	500	500	493	493	95	95	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

QC Batch: 233966 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Associated Lab Samples: 40137573001, 40137573002, 40137573005, 40137573006, 40137573011, 40137573012, 40137573013, 40137573014, 40137573017, 40137573018, 40137573019, 40137573020, 40137573021, 40137573022

METHOD BLANK: 1386117 Matrix: Water
 Associated Lab Samples: 40137573001, 40137573002, 40137573005, 40137573006, 40137573011, 40137573012, 40137573013, 40137573014, 40137573017, 40137573018, 40137573019, 40137573020, 40137573021, 40137573022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	09/02/16 16:43	
1,1-Dichloroethane	ug/L	<0.24	1.0	09/02/16 16:43	
1,1-Dichloroethene	ug/L	<0.41	1.0	09/02/16 16:43	
Tetrachloroethene	ug/L	<0.50	1.0	09/02/16 16:43	
Trichloroethene	ug/L	<0.33	1.0	09/02/16 16:43	
4-Bromofluorobenzene (S)	%	92	70-130	09/02/16 16:43	
Dibromofluoromethane (S)	%	98	70-130	09/02/16 16:43	
Toluene-d8 (S)	%	96	70-130	09/02/16 16:43	

LABORATORY CONTROL SAMPLE: 1386118

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	18.4	92	70-131	
1,1-Dichloroethane	ug/L	20	18.8	94	70-133	
1,1-Dichloroethene	ug/L	20	17.3	86	70-130	
Tetrachloroethene	ug/L	20	18.3	92	70-138	
Trichloroethene	ug/L	20	18.6	93	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1386119 1386120

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40137573011 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	54.2	57.0	108	113	70-134	5	20
1,1-Dichloroethane	ug/L	<0.24	50	50	52.6	54.6	105	109	70-134	4	20
1,1-Dichloroethene	ug/L	<0.41	50	50	50.6	53.0	101	106	68-136	5	20
Tetrachloroethene	ug/L	<0.50	50	50	52.3	55.5	104	111	70-148	6	20
Trichloroethene	ug/L	<0.33	50	50	52.0	56.4	104	112	70-131	8	20
4-Bromofluorobenzene (S)	%						102	100	70-130		
Dibromofluoromethane (S)	%						105	102	70-130		
Toluene-d8 (S)	%						98	96	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: NAT'L PRESTO IND. (NPI)
Pace Project No.: 40137573

QC Batch: 234140 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40137573023

METHOD BLANK: 1387391 Matrix: Water
Associated Lab Samples: 40137573023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	09/07/16 07:42	
1,1-Dichloroethane	ug/L	<0.24	1.0	09/07/16 07:42	
1,1-Dichloroethene	ug/L	<0.41	1.0	09/07/16 07:42	
Tetrachloroethene	ug/L	<0.50	1.0	09/07/16 07:42	
Trichloroethene	ug/L	<0.33	1.0	09/07/16 07:42	
4-Bromofluorobenzene (S)	%	91	70-130	09/07/16 07:42	
Dibromofluoromethane (S)	%	121	70-130	09/07/16 07:42	
Toluene-d8 (S)	%	94	70-130	09/07/16 07:42	

LABORATORY CONTROL SAMPLE: 1387392

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.9	112	70-131	
1,1-Dichloroethane	ug/L	50	54.9	110	70-133	
1,1-Dichloroethene	ug/L	50	53.0	106	70-130	
Tetrachloroethene	ug/L	50	52.3	105	70-138	
Trichloroethene	ug/L	50	54.4	109	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			106	70-130	
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1387665 1387666

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40137596001 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.00050 mg/L	50	50	59.5	69.2	119	138	70-134	15	20 M1
1,1-Dichloroethane	ug/L	<0.00024 mg/L	50	50	58.2	68.6	116	137	70-134	16	20 M1
1,1-Dichloroethene	ug/L	<0.00041 mg/L	50	50	57.1	66.4	114	133	68-136	15	20
Tetrachloroethene	ug/L	<0.00050 mg/L	50	50	55.0	54.7	110	109	70-148	0	20
Trichloroethene	ug/L	<0.00033 mg/L	50	50	56.5	56.2	113	112	70-131	1	20
4-Bromofluorobenzene (S)	%						101	102	70-130		
Dibromofluoromethane (S)	%						106	124	70-130		
Toluene-d8 (S)	%						95	94	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

QC Batch: 234098 Analysis Method: EPA 8270
 QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
 Associated Lab Samples: 40137573007, 40137573011, 40137573013, 40137573015, 40137573016

METHOD BLANK: 1387265 Matrix: Water
 Associated Lab Samples: 40137573007, 40137573011, 40137573013, 40137573015, 40137573016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	<3.0	9.9	09/07/16 08:39	
2,4,6-Tribromophenol (S)	%	79	42-140	09/07/16 08:39	
2-Fluorobiphenyl (S)	%	73	41-130	09/07/16 08:39	
2-Fluorophenol (S)	%	53	27-130	09/07/16 08:39	
Nitrobenzene-d5 (S)	%	79	43-130	09/07/16 08:39	
Phenol-d6 (S)	%	32	15-130	09/07/16 08:39	
Terphenyl-d14 (S)	%	94	49-130	09/07/16 08:39	

LABORATORY CONTROL SAMPLE & LCSD: 1387266 1387267

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,4,6-Tribromophenol (S)	%				78	96	42-140			
2-Fluorobiphenyl (S)	%				84	86	41-130			
2-Fluorophenol (S)	%				51	57	27-130			
Nitrobenzene-d5 (S)	%				90	89	43-130			
Phenol-d6 (S)	%				34	35	15-130			
Terphenyl-d14 (S)	%				87	90	49-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALIFIERS

Project: NAT'L PRESTO IND. (NPI)

Pace Project No.: 40137573

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: 234176

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NAT'L PRESTO IND. (NPI)
Pace Project No.: 40137573

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40137573003	MW-10A	EPA 6010	234063		
40137573004	MW-10B	EPA 6010	234063		
40137573008	MW-68B	EPA 6010	234063		
40137573009	MW-70B	EPA 6010	234063		
40137573010	MW-75	EPA 6010	234063		
40137573007	MW-38B	EPA 3510	234098	EPA 8270	234176
40137573011	MW-76A	EPA 3510	234098	EPA 8270	234176
40137573013	MW-77B	EPA 3510	234098	EPA 8270	234176
40137573015	RW-16	EPA 3510	234098	EPA 8270	234176
40137573016	RW-3C	EPA 3510	234098	EPA 8270	234176
40137573001	EW-5	EPA 8260	233966		
40137573002	MH-18	EPA 8260	233966		
40137573005	MW-23A	EPA 8260	233966		
40137573006	MW-23B	EPA 8260	233966		
40137573011	MW-76A	EPA 8260	233966		
40137573012	MW-77A	EPA 8260	233966		
40137573013	MW-77B	EPA 8260	233966		
40137573014	MW-77C	EPA 8260	233966		
40137573017	MW-4A	EPA 8260	233966		
40137573018	MW-4B	EPA 8260	233966		
40137573019	TRIP BLANK C	EPA 8260	233966		
40137573020	TRIP BLANK D	EPA 8260	233966		
40137573021	MW-4B DUP	EPA 8260	233966		
40137573022	FIELD BLANK 2	EPA 8260	233966		
40137573023	FIELD BLANK 1	EPA 8260	234140		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

(Please Print Clearly)

Company Name: Gannett Fleming
 Branch/Location: Madison, WI
 Project Contact: Dave Olig
 Phone: 608-836-1500
 Project Number: 34283.000
 Project Name: Nat'l Presto Ind. (NPI)
 Project State: WI
 Sampled By (Print): Chester Payne
 Sampled By (Sign): Chester Payne
 PO #: Regulatory Program:



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

40137573

Page 38 of 40

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	N	Y	N						
	B	D	A						
Analyses Requested	VOCs		NPI Short List		Cadmium		1,4-Dioxane		
	X								
	X								
			X						
			X						
	X								
	X								
				X					
				X					
				X					
	X				X				
	X								
	X								

Quote #: 40137573

Mail To Contact: Dave Olig

Mail To Company: Gannett Fleming

Mail To Address: 8025 Excelsior Dr. Madison, WI 53717

Invoice To Contact: See

Invoice To Company: See

Invoice To Address: mail to

Invoice To Phone: 608-836-1500

CLIENT COMMENTS: 3-40mlVB

LAB COMMENTS (Lab Use Only): 1-250mlp^d

Profile #: 2-1Lag^A

9-40mlVB

2-1Lag^A

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	EW-5	8:30	8:15	GW
002	MH-18	"	8:20	
003	MW-10A	8:29	14:05	
004	MW-10B	"	13:58	
005	MW-23A	8:30	16:00	
006	MW-23B	↓	16:05	
007	MW-38B	↓	15:30	
008	MW-68B	8:29	16:05	
009	MW-70B	"	14:25	
010	MW-75	"	15:20	
011	MW-76A	8:30	7:40	
012	MW-76A MS	↓	7:40	
013	MW-76A MSD	↓	7:40	

Rush Turnaround Time Requested - Prelims
 Rush TAT subject to approval/surcharge)
 Date Needed: 9-11-16

Transmit Prelim Rush Results by (complete what you want):
 Email #1:
 Email #2:
 Telephone:
 Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By: Chester Payne Date/Time: 8-31-16 12:00

Relinquished By: Durham Date/Time: 9-1-16 0730

Relinquished By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Received By: Dwight Kuffner Date/Time: 9-1-16

Received By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

PACE Project No. 40137573

Receipt Temp = ROI °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

(Please Print Clearly)

Company Name: Gannett Fleming
 Branch/Location:
 Project Contact:
 Phone:
 Project Number: 34283.000
 Project Name: NPI
 Project State:
 Sampled By (Print): See pg 1
 Sampled By (Sign):
 PO #:
 Regulatory Program:



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Z	Z									
Pick Letter	B	A									
Analysis Requested	VOCs	NPI Short List	1,4-Dioxane								

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

Quote #:
 Mail To Contact:
 Mail To Company: See pg 1
 Mail To Address:
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address:
 Invoice To Phone:
 CLIENT COMMENTS: 3-40mlVB
 LAB COMMENTS (Lab Use Only): 2-1Lag^A
 Profile #:

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Analysis Requested	VOCs	NPI Short List	1,4-Dioxane
		DATE	TIME					
012	014 MW77A	8/31/16	9:00	GW	X			
013	015 MW77B	"	9:05		X	X		
014	016 MW77C	"	8:50		X			
	MW52B	8/30	10:50					
015	017 RW-16	"	13:55				X	
016	018 RW-3C	"	13:20				X	
017	019 MW4A	8/31	8:25		X			
018	020 MW4B	8/31	8:20		X			
019	021 Trip Blank C				X			
020	022 Trip Blank D				X			
021	023 MW4B dup	8/31	8:20		X			
022	024 Field Blank 2	8/31	7:50		X			
023	025 Field Blank 1	8/30	9:20		X			

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: 9/1/16

Transmit Prelim Rush Results by (complete what you want):

Relinquished By: <u>Chester Bayo</u> Date/Time: <u>8/31/16 12:00</u>	Received By: <u>Dave</u> Date/Time: <u>9-1-16 0730</u>
Relinquished By: <u>Dunham</u> Date/Time: <u>9-1-16 0720</u>	Received By: <u>Susant Wye</u> Date/Time: <u>9-1-16 0730</u>
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____

PACE Project No. 40137573
 Receipt Temp = ROI°C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present Not Present Intact / Not Intact

Sample Condition Upon Receipt

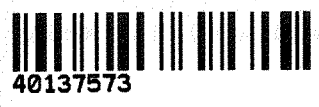
Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302



Client Name: Barrett Fleming Project #: _____

WO#: **40137573**

Courier: Fed Ex UPS Client Pace Other: Durban
Tracking #: 1208658



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no
Custody Seal on Samples Present: yes no Seals intact: yes no
Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used: N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun
Cooler Temperature: Uncorr: 40L / Corr: _____ Biological Tissue is Frozen: yes no

Temp Blank Present: yes no no

Person examining contents:
Date: 9-1-16
Initials: SKW

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. <u>9-1-16 SKW</u>
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>015-1-16 Lag A collect time 10:50 and client crossed out ID and rewrote.</u>
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	<u>9-1-16 SKW</u>
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <input checked="" type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 < 2, NaOH+ZnAct ≥ 9, NaOH ≥ 12)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed: <u>SKW</u> Lab Std #ID of preservative: _____ Date/Time: _____
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: _____

Project Manager Review: SKW for DM Date: 9-1-16

September 07, 2016

Project #34283.000
NPI 3Q gw (3 of 3)
Reviewed by CCW
9/10/16

Clifford Wright
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717

RE: Project: 34283.000 NATIONAL PRESTO IND.
Pace Project No.: 40137498

Dear Clifford Wright:

Enclosed are the analytical results for sample(s) received by the laboratory on August 31, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Marcia Kuehl, MAKuehl Co.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

525 N 8th Street, Salina, KS 67401

A2LA Certification #: 2926.01

Alaska Certification #: UST-078

Alaska Certification #MN00064

Alabama Certification #40770

Arizona Certification #: AZ-0014

Arkansas Certification #: 88-0680

California Certification #: 01155CA

Colorado Certification #Pace

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida/NELAP Certification #: E87605

Guam Certification #:14-008r

Georgia Certification #: 959

Georgia EPD #: Pace

Idaho Certification #: MN00064

Hawaii Certification #MN00064

Illinois Certification #: 200011

Indiana Certification#C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky Dept of Envi. Protection - DW #90062

Kentucky Dept of Envi. Protection - WW #:90062

Louisiana DEQ Certification #: 3086

Louisiana DHH #: LA140001

Maine Certification #: 2013011

Maryland Certification #: 322

Michigan DEPH Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: Pace

Montana Certification #: MT0092

Nevada Certification #: MN_00064

Nebraska Certification #: Pace

New Jersey Certification #: MN-002

New York Certification #: 11647

North Carolina Certification #: 530

North Carolina State Public Health #: 27700

North Dakota Certification #: R-036

Ohio EPA #: 4150

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Certification #: MN200001

Oregon Certification #: MN300001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification

Saipan (CNMI) #:MP0003

South Carolina #:74003001

Texas Certification #: T104704192

Tennessee Certification #: 02818

Utah Certification #: MN000642013-4

Virginia DGS Certification #: 251

Virginia/VELAP Certification #: Pace

Washington Certification #: C486

West Virginia Certification #: 382

West Virginia DHHR #:9952C

Wisconsin Certification #: 999407970

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

Virginia VELAP ID: 460263

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

US Dept of Agriculture #: S-76505

Virginia VELAP ID: 460263

Virginia VELAP Certification ID: 460263

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE SUMMARY

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40137498001	CW-11	Water	08/30/16 09:30	08/31/16 07:30
40137498002	CW-15	Water	08/30/16 09:35	08/31/16 07:30
40137498003	CW-16	Water	08/30/16 09:25	08/31/16 07:30
40137498004	CW-17	Water	08/30/16 09:50	08/31/16 07:30
40137498005	CW-19	Water	08/30/16 09:32	08/31/16 07:30
40137498006	TOWER A	Water	08/30/16 09:54	08/31/16 07:30
40137498007	TOWER B	Water	08/30/16 09:56	08/31/16 07:30
40137498008	RAW	Water	08/30/16 09:52	08/31/16 07:30
40137498009	PRODUCT	Water	08/30/16 09:00	08/31/16 07:30
40137498010	Trip Blank A	Water	08/30/16 00:00	08/31/16 07:30
40137498011	CW-19 DUP	Water	08/30/16 09:32	08/31/16 07:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: 34283.000 NATIONAL PRESTO IND.
Pace Project No.: 40137498

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40137498001	CW-11	EPA 524.2	DJB	8	PASI-M
40137498002	CW-15	EPA 524.2	DJB	8	PASI-M
40137498003	CW-16	EPA 524.2	DJB	8	PASI-M
40137498004	CW-17	EPA 524.2	DJB	8	PASI-M
40137498005	CW-19	EPA 8270	RJN	7	PASI-G
		EPA 524.2	DJB	8	PASI-M
40137498006	TOWER A	EPA 524.2	DJB	8	PASI-M
40137498007	TOWER B	EPA 524.2	DJB	8	PASI-M
40137498008	RAW	EPA 524.2	DJB	8	PASI-M
40137498009	PRODUCT	EPA 524.2	DJB	8	PASI-M
40137498010	Trip Blank A	EPA 524.2	DJB	8	PASI-M
40137498011	CW-19 DUP	EPA 8270	RJN	7	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SUMMARY OF DETECTION

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40137498002	CW-15					
EPA 524.2	Trichloroethene	0.19J	ug/L	0.40	09/02/16 04:11	
40137498005	CW-19					
EPA 524.2	Trichloroethene	2.0	ug/L	0.40	09/02/16 05:18	
40137498008	RAW					
EPA 524.2	Trichloroethene	0.94	ug/L	0.40	09/02/16 06:25	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Method: EPA 8270

Description: 8270 MSSV Semivolatile Organic

Client: Gannett Fleming Inc.

Date: September 07, 2016

General Information:

2 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 233862

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

PROJECT NARRATIVE

Project: 34283.000 NATIONAL PRESTO IND.
Pace Project No.: 40137498

Method: EPA 524.2
Description: 524.2 MSV
Client: Gannett Fleming Inc.
Date: September 07, 2016

General Information:

10 samples were analyzed for EPA 524.2. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Sample: CW-11 **Lab ID: 40137498001** Collected: 08/30/16 09:30 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		09/02/16 03:49	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		09/02/16 03:49	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		09/02/16 03:49	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		09/02/16 03:49	71-55-6	
Trichloroethene	<0.044	ug/L	0.40	0.044	1		09/02/16 03:49	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	75-125		1		09/02/16 03:49	460-00-4	
Toluene-d8 (S)	97	%	75-125		1		09/02/16 03:49	2037-26-5	
1,2-Dichloroethane-d4 (S)	95	%	75-125		1		09/02/16 03:49	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Sample: CW-15 **Lab ID: 40137498002** Collected: 08/30/16 09:35 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		09/02/16 04:11	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		09/02/16 04:11	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		09/02/16 04:11	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		09/02/16 04:11	71-55-6	
Trichloroethene	0.19J	ug/L	0.40	0.044	1		09/02/16 04:11	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	75-125		1		09/02/16 04:11	460-00-4	
Toluene-d8 (S)	96	%	75-125		1		09/02/16 04:11	2037-26-5	
1,2-Dichloroethane-d4 (S)	98	%	75-125		1		09/02/16 04:11	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Sample: CW-16 **Lab ID: 40137498003** Collected: 08/30/16 09:25 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		09/02/16 04:33	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		09/02/16 04:33	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		09/02/16 04:33	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		09/02/16 04:33	71-55-6	
Trichloroethene	<0.044	ug/L	0.40	0.044	1		09/02/16 04:33	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	75-125		1		09/02/16 04:33	460-00-4	
Toluene-d8 (S)	98	%	75-125		1		09/02/16 04:33	2037-26-5	
1,2-Dichloroethane-d4 (S)	97	%	75-125		1		09/02/16 04:33	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Sample: CW-17 **Lab ID: 40137498004** Collected: 08/30/16 09:50 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		09/02/16 04:56	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		09/02/16 04:56	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		09/02/16 04:56	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		09/02/16 04:56	71-55-6	
Trichloroethene	<0.044	ug/L	0.40	0.044	1		09/02/16 04:56	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	75-125		1		09/02/16 04:56	460-00-4	
Toluene-d8 (S)	96	%	75-125		1		09/02/16 04:56	2037-26-5	
1,2-Dichloroethane-d4 (S)	101	%	75-125		1		09/02/16 04:56	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Sample: CW-19 **Lab ID: 40137498005** Collected: 08/30/16 09:32 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,4-Dioxane (p-Dioxane)	<2.9	ug/L	9.5	2.9	1	09/01/16 09:15	09/02/16 12:56	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	76	%	43-130		1	09/01/16 09:15	09/02/16 12:56	4165-60-0	
2-Fluorobiphenyl (S)	61	%	41-130		1	09/01/16 09:15	09/02/16 12:56	321-60-8	
Terphenyl-d14 (S)	79	%	49-130		1	09/01/16 09:15	09/02/16 12:56	1718-51-0	
Phenol-d6 (S)	30	%	15-130		1	09/01/16 09:15	09/02/16 12:56	13127-88-3	
2-Fluorophenol (S)	42	%	27-130		1	09/01/16 09:15	09/02/16 12:56	367-12-4	
2,4,6-Tribromophenol (S)	64	%	42-140		1	09/01/16 09:15	09/02/16 12:56	118-79-6	
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		09/02/16 05:18	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		09/02/16 05:18	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		09/02/16 05:18	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		09/02/16 05:18	71-55-6	
Trichloroethene	2.0	ug/L	0.40	0.044	1		09/02/16 05:18	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	75-125		1		09/02/16 05:18	460-00-4	
Toluene-d8 (S)	96	%	75-125		1		09/02/16 05:18	2037-26-5	
1,2-Dichloroethane-d4 (S)	99	%	75-125		1		09/02/16 05:18	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Sample: TOWER A **Lab ID: 40137498006** Collected: 08/30/16 09:54 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		09/02/16 05:40	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		09/02/16 05:40	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		09/02/16 05:40	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		09/02/16 05:40	71-55-6	
Trichloroethene	<0.044	ug/L	0.40	0.044	1		09/02/16 05:40	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	75-125		1		09/02/16 05:40	460-00-4	
Toluene-d8 (S)	97	%	75-125		1		09/02/16 05:40	2037-26-5	
1,2-Dichloroethane-d4 (S)	98	%	75-125		1		09/02/16 05:40	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Sample: TOWER B **Lab ID: 40137498007** Collected: 08/30/16 09:56 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		09/02/16 06:02	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		09/02/16 06:02	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		09/02/16 06:02	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		09/02/16 06:02	71-55-6	
Trichloroethene	<0.044	ug/L	0.40	0.044	1		09/02/16 06:02	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	75-125		1		09/02/16 06:02	460-00-4	
Toluene-d8 (S)	96	%	75-125		1		09/02/16 06:02	2037-26-5	
1,2-Dichloroethane-d4 (S)	98	%	75-125		1		09/02/16 06:02	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Sample: RAW **Lab ID: 40137498008** Collected: 08/30/16 09:52 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		09/02/16 06:25	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		09/02/16 06:25	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		09/02/16 06:25	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		09/02/16 06:25	71-55-6	
Trichloroethene	0.94	ug/L	0.40	0.044	1		09/02/16 06:25	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	75-125		1		09/02/16 06:25	460-00-4	
Toluene-d8 (S)	98	%	75-125		1		09/02/16 06:25	2037-26-5	
1,2-Dichloroethane-d4 (S)	97	%	75-125		1		09/02/16 06:25	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Sample: PRODUCT **Lab ID: 40137498009** Collected: 08/30/16 09:00 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		09/02/16 06:47	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		09/02/16 06:47	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		09/02/16 06:47	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		09/02/16 06:47	71-55-6	
Trichloroethene	<0.044	ug/L	0.40	0.044	1		09/02/16 06:47	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	75-125		1		09/02/16 06:47	460-00-4	
Toluene-d8 (S)	96	%	75-125		1		09/02/16 06:47	2037-26-5	
1,2-Dichloroethane-d4 (S)	98	%	75-125		1		09/02/16 06:47	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Sample: Trip Blank A **Lab ID: 40137498010** Collected: 08/30/16 00:00 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		09/02/16 02:20	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		09/02/16 02:20	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		09/02/16 02:20	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		09/02/16 02:20	71-55-6	
Trichloroethene	<0.044	ug/L	0.40	0.044	1		09/02/16 02:20	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	75-125		1		09/02/16 02:20	460-00-4	
Toluene-d8 (S)	97	%	75-125		1		09/02/16 02:20	2037-26-5	
1,2-Dichloroethane-d4 (S)	99	%	75-125		1		09/02/16 02:20	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Sample: CW-19 DUP **Lab ID: 40137498011** Collected: 08/30/16 09:32 Received: 08/31/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.4	2.8	1	09/01/16 09:15	09/02/16 13:28	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	75	%	43-130		1	09/01/16 09:15	09/02/16 13:28	4165-60-0	
2-Fluorobiphenyl (S)	64	%	41-130		1	09/01/16 09:15	09/02/16 13:28	321-60-8	
Terphenyl-d14 (S)	80	%	49-130		1	09/01/16 09:15	09/02/16 13:28	1718-51-0	
Phenol-d6 (S)	31	%	15-130		1	09/01/16 09:15	09/02/16 13:28	13127-88-3	
2-Fluorophenol (S)	45	%	27-130		1	09/01/16 09:15	09/02/16 13:28	367-12-4	
2,4,6-Tribromophenol (S)	64	%	42-140		1	09/01/16 09:15	09/02/16 13:28	118-79-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND.
Pace Project No.: 40137498

QC Batch: 433783 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 40137498001, 40137498002, 40137498003, 40137498004, 40137498005, 40137498006, 40137498007, 40137498008, 40137498009, 40137498010

METHOD BLANK: 2358855 Matrix: Water
Associated Lab Samples: 40137498001, 40137498002, 40137498003, 40137498004, 40137498005, 40137498006, 40137498007, 40137498008, 40137498009, 40137498010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.10	0.50	09/02/16 01:57	
1,1-Dichloroethane	ug/L	<0.088	0.50	09/02/16 01:57	
1,1-Dichloroethene	ug/L	<0.089	0.50	09/02/16 01:57	
Tetrachloroethene	ug/L	<0.12	0.50	09/02/16 01:57	
Trichloroethene	ug/L	<0.044	0.40	09/02/16 01:57	
1,2-Dichloroethane-d4 (S)	%	97	75-125	09/02/16 01:57	
4-Bromofluorobenzene (S)	%	104	75-125	09/02/16 01:57	
Toluene-d8 (S)	%	97	75-125	09/02/16 01:57	

LABORATORY CONTROL SAMPLE & LCSD: 2358856 2358857

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	20	21.8	21.9	109	109	70-130	0	20	
1,1-Dichloroethane	ug/L	20	20.0	19.4	100	97	70-130	3	20	
1,1-Dichloroethene	ug/L	20	20.5	21.0	102	105	70-130	2	20	
Tetrachloroethene	ug/L	20	21.6	21.3	108	106	70-130	2	20	
Trichloroethene	ug/L	20	21.5	21.6	107	108	70-130	0	20	
1,2-Dichloroethane-d4 (S)	%				93	92	75-125			
4-Bromofluorobenzene (S)	%				100	101	75-125			
Toluene-d8 (S)	%				98	98	75-125			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2358858 2358859

Parameter	Units	60226570001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	22.3	23.1	112	115	70-130	3	20	
1,1-Dichloroethane	ug/L	ND	20	20	20.0	20.8	100	104	70-130	4	20	
1,1-Dichloroethene	ug/L	ND	20	20	21.9	23.3	109	116	70-130	6	20	
Tetrachloroethene	ug/L	ND	20	20	21.3	21.6	106	108	70-130	1	20	
Trichloroethene	ug/L	ND	20	20	22.1	22.6	110	113	70-130	2	20	
1,2-Dichloroethane-d4 (S)	%						91	91	75-125			
4-Bromofluorobenzene (S)	%						100	104	75-125			
Toluene-d8 (S)	%						98	97	75-125			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

QC Batch:	233862	Analysis Method:	EPA 8270
QC Batch Method:	EPA 3510	Analysis Description:	8270 Water MSSV
Associated Lab Samples:	40137498005, 40137498011		

METHOD BLANK: 1385256 Matrix: Water

Associated Lab Samples: 40137498005, 40137498011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	<3.0	9.9	09/02/16 10:05	
2,4,6-Tribromophenol (S)	%	81	42-140	09/02/16 10:05	
2-Fluorobiphenyl (S)	%	78	41-130	09/02/16 10:05	
2-Fluorophenol (S)	%	57	27-130	09/02/16 10:05	
Nitrobenzene-d5 (S)	%	84	43-130	09/02/16 10:05	
Phenol-d6 (S)	%	35	15-130	09/02/16 10:05	
Terphenyl-d14 (S)	%	93	49-130	09/02/16 10:05	

LABORATORY CONTROL SAMPLE & LCSD: 1385257 1385258

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,4,6-Tribromophenol (S)	%				76	78	42-140			
2-Fluorobiphenyl (S)	%				83	78	41-130			
2-Fluorophenol (S)	%				52	48	27-130			
Nitrobenzene-d5 (S)	%				80	76	43-130			
Phenol-d6 (S)	%				32	32	15-130			
Terphenyl-d14 (S)	%				78	80	49-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALIFIERS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

PASI-M Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: 233952

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40137498

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40137498005	CW-19	EPA 3510	233862	EPA 8270	233952
40137498011	CW-19 DUP	EPA 3510	233862	EPA 8270	233952
40137498001	CW-11	EPA 524.2	433783		
40137498002	CW-15	EPA 524.2	433783		
40137498003	CW-16	EPA 524.2	433783		
40137498004	CW-17	EPA 524.2	433783		
40137498005	CW-19	EPA 524.2	433783		
40137498006	TOWER A	EPA 524.2	433783		
40137498007	TOWER B	EPA 524.2	433783		
40137498008	RAW	EPA 524.2	433783		
40137498009	PRODUCT	EPA 524.2	433783		
40137498010	Trip Blank A	EPA 524.2	433783		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302



Client Name: Garnett Fleming
 Courier: Fed Ex UPS Client Pace Other: Durham
 Tracking #: 1208076

Project #: **WO# : 40137498**

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no
 Custody Seal on Samples Present: yes no Seals intact: yes no
 Packing Material: Bubble Wrap Bubble Bags None Other
 Thermometer Used: N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun
 Cooler Temperature: Uncorr: ROT ICorr: _____ Biological Tissue is Frozen: yes no
 Temp Blank Present: yes no

Temp should be above freezing to 6°C for all sample except Biota.
 Frozen Biota Samples should be received ≤ 0°C.

Person examining contents:
 Date: 8-31-14
 Initials: SM

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>369</u>	<u>8/31/14 SM</u>	

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

Project Manager Review: AMH for DM Date: 8/31/14

December 15, 2016

Project #34283.000
NPI Q4 GW
Reviewed by CCW
12/14/16

Dave Olig
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717

RE: Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143087

Dear Dave Olig:

Enclosed are the analytical results for sample(s) received by the laboratory on December 07, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Marcia Kuehl, MAKuehl Co.
Clifford Wright, Gannett Fleming



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40143087001	EW-1R-76'	Water	12/05/16 11:30	12/07/16 07:30
40143087002	EW-1R-86'	Water	12/05/16 11:35	12/07/16 07:30
40143087003	EW-1R-96'	Water	12/05/16 11:40	12/07/16 07:30
40143087004	EW-2-81'	Water	12/05/16 11:15	12/07/16 07:30
40143087005	EW-2-91'	Water	12/05/16 12:00	12/07/16 07:30
40143087006	MW-62AR	Water	12/05/16 11:25	12/07/16 07:30
40143087007	MW-62B	Water	12/05/16 11:20	12/07/16 07:30
40143087008	MW-66A	Water	12/05/16 11:05	12/07/16 07:30
40143087009	MW-66B	Water	12/05/16 11:15	12/07/16 07:30
40143087010	MW-66C	Water	12/05/16 11:10	12/07/16 07:30
40143087011	EW-5-78'	Water	12/06/16 10:05	12/07/16 07:30
40143087012	EW-5-88'	Water	12/06/16 10:10	12/07/16 07:30
40143087013	MH-18	Water	12/06/16 09:55	12/07/16 07:30
40143087014	MW-4A	Water	12/05/16 16:00	12/07/16 07:30
40143087015	MW-4B	Water	12/05/16 16:05	12/07/16 07:30
40143087016	MW-10A	Water	12/05/16 14:00	12/07/16 07:30
40143087017	MW-10B	Water	12/05/16 14:05	12/07/16 07:30
40143087018	MW-34A	Water	12/05/16 14:10	12/07/16 07:30
40143087019	MW-34B	Water	12/05/16 14:15	12/07/16 07:30
40143087020	MW-34C	Water	12/05/16 14:20	12/07/16 07:30
40143087021	MW-68A	Water	12/05/16 15:30	12/07/16 07:30
40143087022	MW-68B	Water	12/05/16 15:35	12/07/16 07:30
40143087023	MW-70A	Water	12/05/16 14:00	12/07/16 07:30
40143087024	MW-70A DUP	Water	12/05/16 15:00	12/07/16 07:30
40143087025	MW-70B	Water	12/05/16 15:05	12/07/16 07:30
40143087026	MW-74A	Water	12/05/16 15:15	12/07/16 07:30
40143087027	MW-74B	Water	12/05/16 15:20	12/07/16 07:30
40143087028	MW-75	Water	12/05/16 14:55	12/07/16 07:30
40143087029	MW-76A	Water	12/06/16 11:10	12/07/16 07:30
40143087030	MW-76B	Water	12/06/16 11:15	12/07/16 07:30
40143087031	MW-77A	Water	12/06/16 10:30	12/07/16 07:30
40143087032	MW-77B	Water	12/06/16 10:35	12/07/16 07:30
40143087033	MW-77C	Water	12/06/16 10:40	12/07/16 07:30
40143087034	MW-77C DUP	Water	12/06/16 10:40	12/07/16 07:30
40143087035	TRIP BLANK	Water	12/06/16 00:00	12/07/16 07:30
40143087036	MW-5A	Water	12/05/16 11:50	12/07/16 07:30
40143087037	MW-5B	Water	12/05/16 11:45	12/07/16 07:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40143087001	EW-1R-76'	EPA 8260	HNW	8	PASI-G
40143087002	EW-1R-86'	EPA 8260	HNW	8	PASI-G
40143087003	EW-1R-96'	EPA 8260	HNW	8	PASI-G
40143087004	EW-2-81'	EPA 8260	HNW	8	PASI-G
40143087005	EW-2-91'	EPA 8260	HNW	8	PASI-G
40143087006	MW-62AR	EPA 8260	HNW	8	PASI-G
40143087007	MW-62B	EPA 8260	HNW	8	PASI-G
40143087008	MW-66A	EPA 8260	HNW	8	PASI-G
40143087009	MW-66B	EPA 8260	HNW	8	PASI-G
40143087010	MW-66C	EPA 8260	HNW	8	PASI-G
40143087011	EW-5-78'	EPA 8260	HNW	8	PASI-G
40143087012	EW-5-88'	EPA 8260	HNW	8	PASI-G
40143087013	MH-18	EPA 6010	DLB	4	PASI-G
		EPA 8260	HNW	8	PASI-G
40143087014	MW-4A	EPA 8260	HNW	8	PASI-G
40143087015	MW-4B	EPA 8260	HNW	8	PASI-G
40143087016	MW-10A	EPA 6010	DLB	1	PASI-G
40143087017	MW-10B	EPA 6010	DLB	1	PASI-G
40143087018	MW-34A	EPA 6010	DLB	1	PASI-G
		EPA 8270	RJN	7	PASI-G
		EPA 8260	HNW	8	PASI-G
40143087019	MW-34B	EPA 6010	DLB	1	PASI-G
		EPA 8260	HNW	8	PASI-G
40143087020	MW-34C	EPA 8260	HNW	8	PASI-G
40143087021	MW-68A	EPA 8260	HNW	8	PASI-G
40143087022	MW-68B	EPA 6010	DLB	1	PASI-G
		EPA 8270	RJN	7	PASI-G
		EPA 8260	HNW	8	PASI-G
40143087023	MW-70A	EPA 8260	LAP	8	PASI-G
40143087024	MW-70A DUP	EPA 8260	LAP	8	PASI-G
40143087025	MW-70B	EPA 6010	DLB	1	PASI-G
		EPA 8260	LAP	8	PASI-G
40143087026	MW-74A	EPA 8260	LAP	8	PASI-G
40143087027	MW-74B	EPA 8260	LAP	8	PASI-G
40143087028	MW-75	EPA 6010	DLB	1	PASI-G
40143087029	MW-76A	EPA 8270	RJN	7	PASI-G
		EPA 8260	LAP	8	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40143087030	MW-76B	EPA 8260	LAP	8	PASI-G
40143087031	MW-77A	EPA 8260	LAP	8	PASI-G
40143087032	MW-77B	EPA 8270	RJN	7	PASI-G
		EPA 8260	LAP	8	PASI-G
40143087033	MW-77C	EPA 8260	LAP	8	PASI-G
40143087034	MW-77C DUP	EPA 8260	LAP	8	PASI-G
40143087035	TRIP BLANK	EPA 8260	LAP	8	PASI-G
40143087036	MW-5A	EPA 8260	LAP	8	PASI-G
40143087037	MW-5B	EPA 8260	HNW	8	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143087

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40143087011	EW-5-78'					
EPA 8260	Trichloroethene	0.75J	ug/L	1.0	12/08/16 17:40	
40143087013	MH-18					
EPA 6010	Nickel	3.3J	ug/L	10.0	12/09/16 10:57	
EPA 6010	Total Hardness by 2340B	51200	ug/L	2000	12/09/16 10:57	
EPA 8260	1,1,1-Trichloroethane	0.70J	ug/L	1.0	12/08/16 12:54	
EPA 8260	Trichloroethene	0.54J	ug/L	1.0	12/08/16 12:54	
40143087015	MW-4B					
EPA 8260	Trichloroethene	0.43J	ug/L	1.0	12/08/16 13:38	
40143087016	MW-10A					
EPA 6010	Cadmium, Dissolved	18.8	ug/L	5.0	12/14/16 11:07	
40143087018	MW-34A					
EPA 6010	Cadmium, Dissolved	6.5	ug/L	5.0	12/14/16 11:21	
40143087019	MW-34B					
EPA 6010	Cadmium, Dissolved	1.5J	ug/L	5.0	12/14/16 11:24	
40143087021	MW-68A					
EPA 8260	Trichloroethene	0.35J	ug/L	1.0	12/08/16 15:06	
40143087022	MW-68B					
EPA 6010	Cadmium, Dissolved	4.0J	ug/L	5.0	12/14/16 11:31	
40143087023	MW-70A					
EPA 8260	1,1-Dichloroethane	0.26J	ug/L	1.0	12/09/16 07:54	
EPA 8260	Trichloroethene	0.61J	ug/L	1.0	12/09/16 07:54	
40143087024	MW-70A DUP					
EPA 8260	1,1-Dichloroethane	0.24J	ug/L	1.0	12/08/16 14:49	
EPA 8260	Trichloroethene	0.41J	ug/L	1.0	12/08/16 14:49	
40143087025	MW-70B					
EPA 6010	Cadmium, Dissolved	4.1J	ug/L	5.0	12/14/16 11:33	
40143087028	MW-75					
EPA 6010	Cadmium, Dissolved	2.4J	ug/L	5.0	12/14/16 11:36	
40143087031	MW-77A					
EPA 8260	Trichloroethene	0.51J	ug/L	1.0	12/09/16 09:43	
40143087032	MW-77B					
EPA 8260	Trichloroethene	1.4	ug/L	1.0	12/09/16 10:05	
40143087033	MW-77C					
EPA 8260	Trichloroethene	0.60J	ug/L	1.0	12/09/16 10:27	
40143087034	MW-77C DUP					
EPA 8260	Trichloroethene	0.52J	ug/L	1.0	12/09/16 10:49	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Method: EPA 6010

Description: 6010 MET ICP

Client: Gannett Fleming Inc.

Date: December 15, 2016

General Information:

1 sample was analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143087

Method: EPA 6010
Description: 6010 MET ICP, Dissolved
Client: Gannett Fleming Inc.
Date: December 15, 2016

General Information:

7 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Method: EPA 8270

Description: 8270 MSSV Semivolatile Organic

Client: Gannett Fleming Inc.

Date: December 15, 2016

General Information:

4 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 243604

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143087

Method: EPA 8260
Description: 8260 MSV
Client: Gannett Fleming Inc.
Date: December 15, 2016

General Information:

34 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: EW-1R-76' **Lab ID:** 40143087001 Collected: 12/05/16 11:30 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 15:50	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 15:50	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 15:50	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 15:50	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 15:50	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/08/16 15:50	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		12/08/16 15:50	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/08/16 15:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: EW-1R-86' **Lab ID:** 40143087002 Collected: 12/05/16 11:35 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 16:12	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 16:12	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 16:12	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 16:12	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 16:12	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		12/08/16 16:12	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		12/08/16 16:12	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/08/16 16:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: EW-1R-96' **Lab ID:** 40143087003 Collected: 12/05/16 11:40 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 16:34	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 16:34	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 16:34	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 16:34	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 16:34	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/08/16 16:34	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		12/08/16 16:34	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/08/16 16:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: EW-2-81' **Lab ID: 40143087004** Collected: 12/05/16 11:15 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 16:56	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 16:56	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 16:56	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 16:56	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 16:56	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/08/16 16:56	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		12/08/16 16:56	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/08/16 16:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: EW-2-91' **Lab ID:** 40143087005 Collected: 12/05/16 12:00 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 17:18	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 17:18	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 17:18	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 17:18	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 17:18	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/08/16 17:18	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		12/08/16 17:18	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/08/16 17:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-62AR **Lab ID: 40143087006** Collected: 12/05/16 11:25 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 10:19	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 10:19	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 10:19	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 10:19	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 10:19	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/08/16 10:19	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		12/08/16 10:19	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/08/16 10:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-62B **Lab ID: 40143087007** Collected: 12/05/16 11:20 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 11:26	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 11:26	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 11:26	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 11:26	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 11:26	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		12/08/16 11:26	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		12/08/16 11:26	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/08/16 11:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-66A **Lab ID: 40143087008** Collected: 12/05/16 11:05 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 11:48	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 11:48	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 11:48	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 11:48	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 11:48	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/08/16 11:48	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		12/08/16 11:48	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/08/16 11:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-66B **Lab ID: 40143087009** Collected: 12/05/16 11:15 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 12:10	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 12:10	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 12:10	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 12:10	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 12:10	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		12/08/16 12:10	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		12/08/16 12:10	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/08/16 12:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-66C **Lab ID: 40143087010** Collected: 12/05/16 11:10 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 12:32	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 12:32	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 12:32	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 12:32	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 12:32	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/08/16 12:32	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		12/08/16 12:32	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/08/16 12:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: EW-5-78' **Lab ID:** 40143087011 Collected: 12/06/16 10:05 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 17:40	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 17:40	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 17:40	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 17:40	127-18-4	
Trichloroethene	0.75J	ug/L	1.0	0.33	1		12/08/16 17:40	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/08/16 17:40	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		12/08/16 17:40	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/08/16 17:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: EW-5-88' **Lab ID: 40143087012** Collected: 12/06/16 10:10 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 18:02	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 18:02	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 18:02	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 18:02	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 18:02	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/08/16 18:02	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		12/08/16 18:02	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/08/16 18:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MH-18 **Lab ID: 40143087013** Collected: 12/06/16 09:55 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Cadmium	<1.3	ug/L	5.0	1.3	1	12/08/16 13:31	12/09/16 10:57	7440-43-9	
Nickel	3.3J	ug/L	10.0	2.6	1	12/08/16 13:31	12/09/16 10:57	7440-02-0	
Total Hardness by 2340B	51200	ug/L	2000	150	1	12/08/16 13:31	12/09/16 10:57		
Zinc	<9.3	ug/L	40.0	9.3	1	12/08/16 13:31	12/09/16 10:57	7440-66-6	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	0.70J	ug/L	1.0	0.50	1		12/08/16 12:54	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 12:54	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 12:54	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 12:54	127-18-4	
Trichloroethene	0.54J	ug/L	1.0	0.33	1		12/08/16 12:54	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/08/16 12:54	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		12/08/16 12:54	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/08/16 12:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-4A **Lab ID: 40143087014** Collected: 12/05/16 16:00 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 13:16	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 13:16	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 13:16	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 13:16	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 13:16	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/08/16 13:16	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		12/08/16 13:16	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/08/16 13:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-4B **Lab ID: 40143087015** Collected: 12/05/16 16:05 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 13:38	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 13:38	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 13:38	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 13:38	127-18-4	
Trichloroethene	0.43J	ug/L	1.0	0.33	1		12/08/16 13:38	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		12/08/16 13:38	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		12/08/16 13:38	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/08/16 13:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-10A **Lab ID: 40143087016** Collected: 12/05/16 14:00 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Cadmium, Dissolved	18.8	ug/L	5.0	1.3	1	12/13/16 09:00	12/14/16 11:07	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-10B **Lab ID: 40143087017** Collected: 12/05/16 14:05 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Cadmium, Dissolved	<1.3	ug/L	5.0	1.3	1	12/13/16 09:00	12/14/16 11:17	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-34A **Lab ID: 40143087018** Collected: 12/05/16 14:10 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Cadmium, Dissolved	6.5	ug/L	5.0	1.3	1	12/13/16 09:00	12/14/16 11:21	7440-43-9	
8270 MSSV Semivolatile Organic									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
1,4-Dioxane (p-Dioxane)	<2.9	ug/L	9.5	2.9	1	12/08/16 08:19	12/12/16 19:10	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	81	%	43-130		1	12/08/16 08:19	12/12/16 19:10	4165-60-0	
2-Fluorobiphenyl (S)	82	%	41-130		1	12/08/16 08:19	12/12/16 19:10	321-60-8	
Terphenyl-d14 (S)	89	%	49-130		1	12/08/16 08:19	12/12/16 19:10	1718-51-0	
Phenol-d6 (S)	24	%	15-130		1	12/08/16 08:19	12/12/16 19:10	13127-88-3	
2-Fluorophenol (S)	38	%	27-130		1	12/08/16 08:19	12/12/16 19:10	367-12-4	
2,4,6-Tribromophenol (S)	92	%	42-140		1	12/08/16 08:19	12/12/16 19:10	118-79-6	
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 14:00	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 14:00	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 14:00	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 14:00	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 14:00	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/08/16 14:00	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		12/08/16 14:00	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/08/16 14:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143087

Sample: MW-34B **Lab ID: 40143087019** Collected: 12/05/16 14:15 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Cadmium, Dissolved	1.5J	ug/L	5.0	1.3	1	12/13/16 09:00	12/14/16 11:24	7440-43-9	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 14:22	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 14:22	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 14:22	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 14:22	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 14:22	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/08/16 14:22	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		12/08/16 14:22	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/08/16 14:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-34C **Lab ID: 40143087020** Collected: 12/05/16 14:20 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 14:44	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 14:44	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 14:44	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 14:44	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 14:44	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/08/16 14:44	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		12/08/16 14:44	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/08/16 14:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-68A **Lab ID: 40143087021** Collected: 12/05/16 15:30 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 15:06	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 15:06	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 15:06	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 15:06	127-18-4	
Trichloroethene	0.35J	ug/L	1.0	0.33	1		12/08/16 15:06	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/08/16 15:06	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		12/08/16 15:06	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/08/16 15:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-68B **Lab ID: 40143087022** Collected: 12/05/16 15:35 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Cadmium, Dissolved	4.0J	ug/L	5.0	1.3	1	12/13/16 09:00	12/14/16 11:31	7440-43-9	
8270 MSSV Semivolatile Organic									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
1,4-Dioxane (p-Dioxane)	<3.0	ug/L	10.0	3.0	1	12/08/16 08:19	12/12/16 19:31	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	76	%	43-130		1	12/08/16 08:19	12/12/16 19:31	4165-60-0	
2-Fluorobiphenyl (S)	91	%	41-130		1	12/08/16 08:19	12/12/16 19:31	321-60-8	
Terphenyl-d14 (S)	89	%	49-130		1	12/08/16 08:19	12/12/16 19:31	1718-51-0	
Phenol-d6 (S)	28	%	15-130		1	12/08/16 08:19	12/12/16 19:31	13127-88-3	
2-Fluorophenol (S)	46	%	27-130		1	12/08/16 08:19	12/12/16 19:31	367-12-4	
2,4,6-Tribromophenol (S)	107	%	42-140		1	12/08/16 08:19	12/12/16 19:31	118-79-6	
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 15:28	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 15:28	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 15:28	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 15:28	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 15:28	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		12/08/16 15:28	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		12/08/16 15:28	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/08/16 15:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-70A **Lab ID: 40143087023** Collected: 12/05/16 14:00 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 07:54	71-55-6	
1,1-Dichloroethane	0.26J	ug/L	1.0	0.24	1		12/09/16 07:54	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 07:54	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 07:54	127-18-4	
Trichloroethene	0.61J	ug/L	1.0	0.33	1		12/09/16 07:54	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/09/16 07:54	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		12/09/16 07:54	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		12/09/16 07:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-70A DUP **Lab ID: 40143087024** Collected: 12/05/16 15:00 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 14:49	71-55-6	
1,1-Dichloroethane	0.24J	ug/L	1.0	0.24	1		12/08/16 14:49	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 14:49	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 14:49	127-18-4	
Trichloroethene	0.41J	ug/L	1.0	0.33	1		12/08/16 14:49	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		12/08/16 14:49	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		12/08/16 14:49	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		12/08/16 14:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-70B **Lab ID: 40143087025** Collected: 12/05/16 15:05 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Cadmium, Dissolved	4.1J	ug/L	5.0	1.3	1	12/13/16 09:00	12/14/16 11:33	7440-43-9	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 08:16	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 08:16	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 08:16	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 08:16	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/09/16 08:16	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/09/16 08:16	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		12/09/16 08:16	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		12/09/16 08:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-74A **Lab ID: 40143087026** Collected: 12/05/16 15:15 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 08:38	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 08:38	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 08:38	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 08:38	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/09/16 08:38	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		12/09/16 08:38	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		12/09/16 08:38	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/09/16 08:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-74B **Lab ID: 40143087027** Collected: 12/05/16 15:20 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 09:00	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 09:00	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 09:00	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 09:00	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/09/16 09:00	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		12/09/16 09:00	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		12/09/16 09:00	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/09/16 09:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-75 **Lab ID: 40143087028** Collected: 12/05/16 14:55 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Cadmium, Dissolved	2.4J	ug/L	5.0	1.3	1	12/13/16 09:00	12/14/16 11:36	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-76A **Lab ID: 40143087029** Collected: 12/06/16 11:10 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.4	2.8	1	12/08/16 08:19	12/12/16 19:52	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	79	%	43-130		1	12/08/16 08:19	12/12/16 19:52	4165-60-0	
2-Fluorobiphenyl (S)	93	%	41-130		1	12/08/16 08:19	12/12/16 19:52	321-60-8	
Terphenyl-d14 (S)	91	%	49-130		1	12/08/16 08:19	12/12/16 19:52	1718-51-0	
Phenol-d6 (S)	28	%	15-130		1	12/08/16 08:19	12/12/16 19:52	13127-88-3	
2-Fluorophenol (S)	44	%	27-130		1	12/08/16 08:19	12/12/16 19:52	367-12-4	
2,4,6-Tribromophenol (S)	117	%	42-140		1	12/08/16 08:19	12/12/16 19:52	118-79-6	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 11:33	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 11:33	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 11:33	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 11:33	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/09/16 11:33	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		12/09/16 11:33	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		12/09/16 11:33	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/09/16 11:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-76B **Lab ID: 40143087030** Collected: 12/06/16 11:15 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 09:22	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 09:22	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 09:22	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 09:22	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/09/16 09:22	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		12/09/16 09:22	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		12/09/16 09:22	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		12/09/16 09:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-77A **Lab ID: 40143087031** Collected: 12/06/16 10:30 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 09:43	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 09:43	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 09:43	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 09:43	127-18-4	
Trichloroethene	0.51J	ug/L	1.0	0.33	1		12/09/16 09:43	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		12/09/16 09:43	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		12/09/16 09:43	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/09/16 09:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-77B **Lab ID: 40143087032** Collected: 12/06/16 10:35 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.4	2.8	1	12/08/16 08:19	12/12/16 20:14	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	80	%	43-130		1	12/08/16 08:19	12/12/16 20:14	4165-60-0	
2-Fluorobiphenyl (S)	87	%	41-130		1	12/08/16 08:19	12/12/16 20:14	321-60-8	
Terphenyl-d14 (S)	86	%	49-130		1	12/08/16 08:19	12/12/16 20:14	1718-51-0	
Phenol-d6 (S)	26	%	15-130		1	12/08/16 08:19	12/12/16 20:14	13127-88-3	
2-Fluorophenol (S)	47	%	27-130		1	12/08/16 08:19	12/12/16 20:14	367-12-4	
2,4,6-Tribromophenol (S)	112	%	42-140		1	12/08/16 08:19	12/12/16 20:14	118-79-6	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 10:05	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 10:05	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 10:05	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 10:05	127-18-4	
Trichloroethene	1.4	ug/L	1.0	0.33	1		12/09/16 10:05	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		12/09/16 10:05	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		12/09/16 10:05	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/09/16 10:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-77C **Lab ID: 40143087033** Collected: 12/06/16 10:40 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 10:27	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 10:27	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 10:27	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 10:27	127-18-4	
Trichloroethene	0.60J	ug/L	1.0	0.33	1		12/09/16 10:27	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/09/16 10:27	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		12/09/16 10:27	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/09/16 10:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-77C DUP **Lab ID: 40143087034** Collected: 12/06/16 10:40 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 10:49	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 10:49	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 10:49	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 10:49	127-18-4	
Trichloroethene	0.52J	ug/L	1.0	0.33	1		12/09/16 10:49	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/09/16 10:49	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		12/09/16 10:49	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		12/09/16 10:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: TRIP BLANK **Lab ID: 40143087035** Collected: 12/06/16 00:00 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 07:11	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 07:11	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 07:11	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 07:11	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/09/16 07:11	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/09/16 07:11	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		12/09/16 07:11	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/09/16 07:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-5A **Lab ID: 40143087036** Collected: 12/05/16 11:50 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 11:11	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 11:11	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 11:11	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 11:11	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/09/16 11:11	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		12/09/16 11:11	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		12/09/16 11:11	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/09/16 11:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Sample: MW-5B **Lab ID: 40143087037** Collected: 12/05/16 11:45 Received: 12/07/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/08/16 10:19	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/08/16 10:19	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/08/16 10:19	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/08/16 10:19	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/08/16 10:19	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		12/08/16 10:19	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		12/08/16 10:19	1868-53-7	
Toluene-d8 (S)	90	%	70-130		1		12/08/16 10:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143087

QC Batch: 243680 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 40143087013

METHOD BLANK: 1443376 Matrix: Water
Associated Lab Samples: 40143087013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cadmium	ug/L	<1.3	5.0	12/09/16 10:22	
Nickel	ug/L	<2.6	10.0	12/09/16 10:22	
Total Hardness by 2340B	ug/L	<150	2000	12/09/16 10:22	
Zinc	ug/L	<9.3	40.0	12/09/16 10:22	

LABORATORY CONTROL SAMPLE: 1443377

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	ug/L	500	474	95	80-120	
Nickel	ug/L	500	477	95	80-120	
Total Hardness by 2340B	ug/L		33100			
Zinc	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1443378 1443379

Parameter	Units	40143037001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	Spike Conc.	Result	MS Result	MSD Result	% Rec	% Rec				
Cadmium	ug/L	<1.3	500	500	492	484	98	97	75-125	2	20		
Nickel	ug/L	<2.6	500	500	483	479	97	96	75-125	1	20		
Total Hardness by 2340B	ug/L	397000			425000	418000				2	20		
Zinc	ug/L	<9.3	500	500	485	479	97	96	75-125	1	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

QC Batch: 244011 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
 Associated Lab Samples: 40143087016, 40143087017, 40143087018, 40143087019, 40143087022, 40143087025, 40143087028

METHOD BLANK: 1445282 Matrix: Water
 Associated Lab Samples: 40143087016, 40143087017, 40143087018, 40143087019, 40143087022, 40143087025, 40143087028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cadmium, Dissolved	ug/L	<1.3	5.0	12/14/16 11:03	

LABORATORY CONTROL SAMPLE: 1445283

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium, Dissolved	ug/L	500	467	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1445284 1445285

Parameter	Units	40143087016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium, Dissolved	ug/L	18.8	500	500	490	493	94	95	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143087

QC Batch: 243576 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40143087001, 40143087002, 40143087003, 40143087004, 40143087005, 40143087006, 40143087007, 40143087008, 40143087009, 40143087010, 40143087011, 40143087012, 40143087013, 40143087014, 40143087015, 40143087018, 40143087019, 40143087020, 40143087021, 40143087022

METHOD BLANK: 1442772 Matrix: Water
Associated Lab Samples: 40143087001, 40143087002, 40143087003, 40143087004, 40143087005, 40143087006, 40143087007, 40143087008, 40143087009, 40143087010, 40143087011, 40143087012, 40143087013, 40143087014, 40143087015, 40143087018, 40143087019, 40143087020, 40143087021, 40143087022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	12/08/16 08:51	
1,1-Dichloroethane	ug/L	<0.24	1.0	12/08/16 08:51	
1,1-Dichloroethene	ug/L	<0.41	1.0	12/08/16 08:51	
Tetrachloroethene	ug/L	<0.50	1.0	12/08/16 08:51	
Trichloroethene	ug/L	<0.33	1.0	12/08/16 08:51	
4-Bromofluorobenzene (S)	%	95	70-130	12/08/16 08:51	
Dibromofluoromethane (S)	%	102	70-130	12/08/16 08:51	
Toluene-d8 (S)	%	93	70-130	12/08/16 08:51	

LABORATORY CONTROL SAMPLE: 1442773

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.7	113	70-131	
1,1-Dichloroethane	ug/L	50	54.5	109	70-133	
1,1-Dichloroethene	ug/L	50	55.3	111	70-130	
Tetrachloroethene	ug/L	50	47.4	95	70-138	
Trichloroethene	ug/L	50	52.6	105	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			103	70-130	
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1442847 1442848

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40143087006 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	57.6	57.3	115	115	70-134	0	20
1,1-Dichloroethane	ug/L	<0.24	50	50	54.5	54.1	109	108	70-134	1	20
1,1-Dichloroethene	ug/L	<0.41	50	50	54.6	54.8	109	110	68-136	0	20
Tetrachloroethene	ug/L	<0.50	50	50	50.8	49.9	102	100	70-148	2	20
Trichloroethene	ug/L	<0.33	50	50	54.1	54.2	108	108	70-131	0	20
4-Bromofluorobenzene (S)	%						98	100	70-130		
Dibromofluoromethane (S)	%						103	102	70-130		
Toluene-d8 (S)	%						93	92	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

QC Batch: 243577 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Associated Lab Samples: 40143087023, 40143087024, 40143087025, 40143087026, 40143087027, 40143087029, 40143087030,
 40143087031, 40143087032, 40143087033, 40143087034, 40143087035, 40143087036

METHOD BLANK: 1442774 Matrix: Water
 Associated Lab Samples: 40143087023, 40143087024, 40143087025, 40143087026, 40143087027, 40143087029, 40143087030,
 40143087031, 40143087032, 40143087033, 40143087034, 40143087035, 40143087036

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	12/08/16 08:23	
1,1-Dichloroethane	ug/L	<0.24	1.0	12/08/16 08:23	
1,1-Dichloroethene	ug/L	<0.41	1.0	12/08/16 08:23	
Tetrachloroethene	ug/L	<0.50	1.0	12/08/16 08:23	
Trichloroethene	ug/L	<0.33	1.0	12/08/16 08:23	
4-Bromofluorobenzene (S)	%	91	70-130	12/08/16 08:23	
Dibromofluoromethane (S)	%	102	70-130	12/08/16 08:23	
Toluene-d8 (S)	%	99	70-130	12/08/16 08:23	

LABORATORY CONTROL SAMPLE: 1442775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.7	107	70-131	
1,1-Dichloroethane	ug/L	50	53.2	106	70-133	
1,1-Dichloroethene	ug/L	50	48.5	97	70-130	
Tetrachloroethene	ug/L	50	50.2	100	70-138	
Trichloroethene	ug/L	50	52.8	106	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1442816 1442817

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40143087024 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	54.3	51.7	109	103	70-134	5	20
1,1-Dichloroethane	ug/L	0.24J	50	50	54.0	51.7	107	103	70-134	4	20
1,1-Dichloroethene	ug/L	<0.41	50	50	51.6	49.3	103	99	68-136	5	20
Tetrachloroethene	ug/L	<0.50	50	50	50.8	49.5	102	99	70-148	3	20
Trichloroethene	ug/L	0.41J	50	50	53.9	50.3	107	100	70-131	7	20
4-Bromofluorobenzene (S)	%						100	103	70-130		
Dibromofluoromethane (S)	%						101	101	70-130		
Toluene-d8 (S)	%						96	97	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143087

QC Batch: 243579 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40143087037

METHOD BLANK: 1442778 Matrix: Water
Associated Lab Samples: 40143087037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	12/08/16 08:49	
1,1-Dichloroethane	ug/L	<0.24	1.0	12/08/16 08:49	
1,1-Dichloroethene	ug/L	<0.41	1.0	12/08/16 08:49	
Tetrachloroethene	ug/L	<0.50	1.0	12/08/16 08:49	
Trichloroethene	ug/L	<0.33	1.0	12/08/16 08:49	
4-Bromofluorobenzene (S)	%	89	70-130	12/08/16 08:49	
Dibromofluoromethane (S)	%	111	70-130	12/08/16 08:49	
Toluene-d8 (S)	%	92	70-130	12/08/16 08:49	

LABORATORY CONTROL SAMPLE: 1442779

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	57.2	114	70-131	
1,1-Dichloroethane	ug/L	50	52.2	104	70-133	
1,1-Dichloroethene	ug/L	50	51.7	103	70-130	
Tetrachloroethene	ug/L	50	51.8	104	70-138	
Trichloroethene	ug/L	50	52.6	105	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			114	70-130	
Toluene-d8 (S)	%			93	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1442849 1442850

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40143087037 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	51.9	54.7	104	109	70-134	5	20
1,1-Dichloroethane	ug/L	<0.24	50	50	47.8	51.0	96	102	70-134	6	20
1,1-Dichloroethene	ug/L	<0.41	50	50	46.7	50.0	93	100	68-136	7	20
Tetrachloroethene	ug/L	<0.50	50	50	53.7	52.2	107	104	70-148	3	20
Trichloroethene	ug/L	<0.33	50	50	53.7	53.2	107	106	70-131	1	20
4-Bromofluorobenzene (S)	%						101	103	70-130		
Dibromofluoromethane (S)	%						102	108	70-130		
Toluene-d8 (S)	%						93	93	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143087

QC Batch: 243604 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 40143087018, 40143087022, 40143087029, 40143087032

METHOD BLANK: 1442839 Matrix: Water
Associated Lab Samples: 40143087018, 40143087022, 40143087029, 40143087032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	<3.0	9.9	12/08/16 15:23	
2,4,6-Tribromophenol (S)	%	76	42-140	12/08/16 15:23	
2-Fluorobiphenyl (S)	%	84	41-130	12/08/16 15:23	
2-Fluorophenol (S)	%	41	27-130	12/08/16 15:23	
Nitrobenzene-d5 (S)	%	72	43-130	12/08/16 15:23	
Phenol-d6 (S)	%	26	15-130	12/08/16 15:23	
Terphenyl-d14 (S)	%	91	49-130	12/08/16 15:23	

LABORATORY CONTROL SAMPLE & LCSD: 1442840

Parameter	Units	1442841		LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result						
2,4,6-Tribromophenol (S)	%			108	113	42-140			
2-Fluorobiphenyl (S)	%			97	91	41-130			
2-Fluorophenol (S)	%			47	60	27-130			
Nitrobenzene-d5 (S)	%			92	86	43-130			
Phenol-d6 (S)	%			37	41	15-130			
Terphenyl-d14 (S)	%			96	95	49-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143087

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: 243712

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143087

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40143087013	MH-18	EPA 3010	243680	EPA 6010	243783
40143087016	MW-10A	EPA 3010	244011	EPA 6010	244125
40143087017	MW-10B	EPA 3010	244011	EPA 6010	244125
40143087018	MW-34A	EPA 3010	244011	EPA 6010	244125
40143087019	MW-34B	EPA 3010	244011	EPA 6010	244125
40143087022	MW-68B	EPA 3010	244011	EPA 6010	244125
40143087025	MW-70B	EPA 3010	244011	EPA 6010	244125
40143087028	MW-75	EPA 3010	244011	EPA 6010	244125
40143087018	MW-34A	EPA 3510	243604	EPA 8270	243712
40143087022	MW-68B	EPA 3510	243604	EPA 8270	243712
40143087029	MW-76A	EPA 3510	243604	EPA 8270	243712
40143087032	MW-77B	EPA 3510	243604	EPA 8270	243712
40143087001	EW-1R-76'	EPA 8260	243576		
40143087002	EW-1R-86'	EPA 8260	243576		
40143087003	EW-1R-96'	EPA 8260	243576		
40143087004	EW-2-81'	EPA 8260	243576		
40143087005	EW-2-91'	EPA 8260	243576		
40143087006	MW-62AR	EPA 8260	243576		
40143087007	MW-62B	EPA 8260	243576		
40143087008	MW-66A	EPA 8260	243576		
40143087009	MW-66B	EPA 8260	243576		
40143087010	MW-66C	EPA 8260	243576		
40143087011	EW-5-78'	EPA 8260	243576		
40143087012	EW-5-88'	EPA 8260	243576		
40143087013	MH-18	EPA 8260	243576		
40143087014	MW-4A	EPA 8260	243576		
40143087015	MW-4B	EPA 8260	243576		
40143087018	MW-34A	EPA 8260	243576		
40143087019	MW-34B	EPA 8260	243576		
40143087020	MW-34C	EPA 8260	243576		
40143087021	MW-68A	EPA 8260	243576		
40143087022	MW-68B	EPA 8260	243576		
40143087023	MW-70A	EPA 8260	243577		
40143087024	MW-70A DUP	EPA 8260	243577		
40143087025	MW-70B	EPA 8260	243577		
40143087026	MW-74A	EPA 8260	243577		
40143087027	MW-74B	EPA 8260	243577		
40143087029	MW-76A	EPA 8260	243577		
40143087030	MW-76B	EPA 8260	243577		
40143087031	MW-77A	EPA 8260	243577		
40143087032	MW-77B	EPA 8260	243577		
40143087033	MW-77C	EPA 8260	243577		
40143087034	MW-77C DUP	EPA 8260	243577		
40143087035	TRIP BLANK	EPA 8260	243577		
40143087036	MW-5A	EPA 8260	243577		
40143087037	MW-5B	EPA 8260	243579		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

(Please Print Clearly)

Company Name: Gannett Fleming
 Branch/Location: Madison, WI
 Project Contact: Dave Olig
 Phone: 608-836-1500
 Project Number: 34283.000
 Project Name: National Presto Ind (NPI)
 Project State: WI
 Sampled By (Print): Chelsea Payne
 Sampled By (Sign): Chelsea Payne
 PO #: _____ Regulatory Program: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRX	Y/N	Pick Letter	ANALYSES REQUESTED
		DATE	TIME				
001	EW-1R-76'	12-5	1130	GW		B	NOES, NPI Short List
002	EW-1R-86'		1135			D	
003	EW-1R-96'		1140			A	
004	EW-2-81'		1115			D	
005	EW-2-91'		1200				1,4-diox. PAH, pentachlor. Total Metals/PAHs + hardness/8270
006	MW-62AR		1125				
007	MW-62B		1120				
008	MW-66A		1105				
009	MW-66B		1115				
010	MW-66C		1110				
011	EW-5-78'	12-6	1005				
012	EW-5-88'		1010				
013	MH-18		955				



CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)
 PRESERVATION (CODE)*

Y/N	Pick Letter	ANALYSES REQUESTED
	B	NOES, NPI Short List
	D	
	A	
	D	1,4-diox. PAH, pentachlor. Total Metals/PAHs + hardness/8270

UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

Page 1 of 3
 40143087
 Page 56 of 60

Quote #: _____
Mail To Contact: Dave Olig
Mail To Company: Gannett Fleming
Mail To Address: 8025 Excelsior Dr
Madison, WI 53717
Invoice To Contact: See mail
Invoice To Company: to
Invoice To Address: _____
Invoice To Phone: 608-836-1500
CLIENT COMMENTS: Saw copy of report to Marcia A Kuehl 3740 Charlevoix Ct Green Bay, WI 54311
LAB COMMENTS (Lab Use Only): 340mls B
Profile #: _____
PH=7.1, 50°F
1-250mlp B

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: _____
 Transmit Prelim Rush Results by (complete what you want): _____
 Email #1: _____
 Email #2: _____
 Telephone: _____
 Fax: _____
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: Mary Muesy (GF) Date/Time: 12-6, 1300
 Relinquished By: Nienham Date/Time: 12-7-16 0730
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____
 Received By: Secret Wife Date/Time: 12-7-16 0730
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No. 40143087
 Receipt Temp = RO I °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present
 Intact / Not Intact

(Please Print Clearly)

UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436



CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	ANALYSES REQUESTED	DATE	TIME	MATRIX
N	B	WCS	12-5	1600	6W
Y	D	NPI short list		1605	
N	A	CD		1400	
		1,4-Dioxane		1405	
				1410	
				1415	
				1420	
				1530	
				1535	
				1400	
				1500	
				1505	
				1515	

Company Name: _____
 Branch/Location: _____
 Project Contact: *See page 1*
 Phone: _____
 Project Number: _____
 Project Name: _____
 Project State: _____
 Sampled By (Print): _____
 Sampled By (Sign): _____

PO #: _____ Regulatory Program: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	DATE	TIME	MATRIX
014	MW-4A	12-5	1600	6W
015	MW-4B		1605	
016	MW-10A		1400	
017	MW-10B		1405	
018	MW-34A		1410	
019	MW-34B		1415	
020	MW-34C		1420	
021	MW-68A		1530	
022	MW-68B		1535	
023	MW-70A		1400	
024	MW-70A Dup		1500	
025	MW-70B		1505	
026	MW-74A		1515	

Quote #: _____
 Mail To Contact: _____
 Mail To Company: _____
 Mail To Address: _____
 Invoice To Contact: _____
 Invoice To Company: _____
 Invoice To Address: _____
 Invoice To Phone: _____

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	3-40mlVB	
	↓	
	1-250mlp	
2-1LagA	3-40mlVB	
	↓	
2-1LagB	1-250mlp	
	↓	
	2-40mlVB 1-250mlp	
	3-40mlVB	

Rush Turnaround Time Requested - Prelims
 (Rush TAT subject to approval/surcharge)
 Date Needed: _____

Transmit Prelim Rush Results by (complete what you want):
 Email #1: _____
 Email #2: _____
 Telephone: _____
 Fax: _____

Samples on HOLD are subject to special pricing and release of liability

Relinquished By: _____ Date/Time: _____
 Relinquished By: *Dunham* Date/Time: *12-7-16 0730*
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____
 Received By: *Susan Wyle* Date/Time: *12-7-16 0730*
 Received By: *Jace* Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No. **40143087**
 Receipt Temp = **20.1** °C
 Sample Receipt pH **OK/Adjusted**
 Cooler Custody Seal **Present/Not Present**
 Intact / Not Intact

(Please Print Clearly)

Company Name:
 Branch/Location: *See Page 1*
 Project Contact:
 Phone:
 Project Number:
 Project Name:
 Project State:
 Sampled By (Print):
 Sampled By (Sign):

PO #:
 Regulatory Program:
 Data Package Options (billable)
 EPA Level III
 EPA Level IV
 MS/MSD
 On your sample (billable)
 NOT needed on your sample
 Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
027	MW-74B	12-5	1520	GW
028	MW-75	"	1455	"
029	MW-76A	12-6	1110	"
030	MW-76B	"	1115	"
031	MW-77A	"	1030	"
032	MW-77B	"	1035	"
033	MW-77C	"	1040	"
034	MW-77C Dup	"	1040	"
035	TRIP BLANK			
036	MW-5A	12-5	1150	GW
037	MW-5B	"	1145	"



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)
 PRESERVATION (CODE)*

Y/N	N	Y	N																
Pick Letter	B	D	A																
Analyses Requested	VOCs	NP	SL																
		CD																	
		1,4 diox.																	

Quote #:
 Mail To Contact:
 Mail To Company:
 Mail To Address:
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address:
 Invoice To Phone:
 CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

3-40mlVB
1-250mlp
2-1lag^A
3-40mlVB
2-1lag^A
2-40mlVB

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By:	Date/Time:	Received By:	Date/Time:	PACE Project No. 40143087
	Transmit Prelim Rush Results by (complete what you want):	<i>Runkham</i>	<i>12-7-16 0730</i>	<i>Susant Njue</i>	
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Receipt Temp = <i>ROT</i> °C
Email #2:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Sample Receipt pH <i>OK / Adjusted</i>
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Cooler Custody <i>Seal</i>
Fax:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Present / Not Present <i>Intact / Not Intact</i>
Samples on HOLD are subject to special pricing and release of liability					



Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Condition Upon Receipt

Client Name: Garrett Fleming Project # 40143087

Additional Comments/Resolution:

004 - Collect time on samples 1155

005 - Last digit of FD matched out.

029 - Collect time on 3-40ml v^B is 1010.

12-7-10 SKW

023 collect time "1500" BU 12/7/10

023 - 1 vial frozen with raised septa:

031 - " " " "

12-7-10
SKW

Project Manager Review: _____

Date: _____

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302



Client Name: Gannett Fleming
 Courier: Fed Ex UPS Client Pace Other: Dunham
 Tracking #: 1239526

Project # **WO# : 40143087**



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no
 Custody Seal on Samples Present: yes no Seals intact: yes no
 Packing Material: Bubble Wrap Bubble Bags None Other
 Thermometer Used: N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun
 Cooler Temperature: Uncorr: ROI /Corr: _____ Biological Tissue is Frozen: yes no

Temp Blank Present: yes no

Temp should be above freezing to 6°C for all sample except Biota.
 Frozen Biota Samples should be received ≤ 0°C.

Person examining contents:
 Date: 12-7-16
 Initials: SW

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>See attached form</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>12-7-16 SW</u>
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <input checked="" type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3: H2SO4 ≤ 2, NaOH+ZnAct ≥ 9, NaOH ≥ 12)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA: coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed: <u>SW</u> Lab Std #ID of preservative: _____ Date/Time: _____
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>372</u>	<u>12-7-16</u>	

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

Project Manager Review: SK/for DM Date: 12-7-16

Project #34283.000
NPI Q4 GW
Reviewed by CCW
12/15/16

December 15, 2016

Dave Olig
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717

RE: Project: 34283.000 NATIONAL PRESTO IND.
Pace Project No.: 40143142

Dear Dave Olig:

Enclosed are the analytical results for sample(s) received by the laboratory on December 08, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Marcia Kuehl, MAKuehl Co.
Clifford Wright, Gannett Fleming



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 34283.000 NATIONAL PRESTO IND.
Pace Project No.: 40143142

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40143142001	EW-6	Water	12/06/16 14:20	12/08/16 07:30
40143142002	EW-6 DUP	Water	12/06/16 14:20	12/08/16 07:30
40143142003	MW-23A	Water	12/06/16 15:00	12/08/16 07:30
40143142004	MW-23A DUP	Water	12/06/16 15:00	12/08/16 07:30
40143142005	MW-23B	Water	12/06/16 15:05	12/08/16 07:30
40143142006	MW-38B	Water	12/06/16 15:45	12/08/16 07:30
40143142007	RW-2A	Water	12/06/16 14:45	12/08/16 07:30
40143142008	RW-2B	Water	12/06/16 14:50	12/08/16 07:30
40143142009	RW-2C	Water	12/06/16 14:55	12/08/16 07:30
40143142010	RW-15	Water	12/06/16 15:30	12/08/16 07:30
40143142011	MW-65B	Water	12/06/16 16:10	12/08/16 07:30
40143142012	MW-65C	Water	12/06/16 16:15	12/08/16 07:30
40143142013	EW-5-78'	Water	12/06/16 10:05	12/08/16 07:30
40143142014	EW-5-88'	Water	12/06/16 10:10	12/08/16 07:30
40143142015	TRIP BLANK	Water	12/06/16 00:00	12/08/16 07:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 34283.000 NATIONAL PRESTO IND.
Pace Project No.: 40143142

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40143142001	EW-6	EPA 6010	DLB	1	PASI-G
		EPA 8260	LAP	8	PASI-G
40143142002	EW-6 DUP	EPA 8260	LAP	8	PASI-G
40143142003	MW-23A	EPA 8260	LAP	8	PASI-G
40143142004	MW-23A DUP	EPA 8260	LAP	8	PASI-G
40143142005	MW-23B	EPA 8260	LAP	8	PASI-G
40143142006	MW-38B	EPA 8270	RJN	7	PASI-G
		EPA 8260	LAP	8	PASI-G
40143142007	RW-2A	EPA 8260	LAP	8	PASI-G
40143142008	RW-2B	EPA 8260	LAP	8	PASI-G
40143142009	RW-2C	EPA 8260	LAP	8	PASI-G
40143142010	RW-15	EPA 8260	LAP	8	PASI-G
40143142011	MW-65B	EPA 8260	LAP	8	PASI-G
40143142012	MW-65C	EPA 8260	LAP	8	PASI-G
40143142013	EW-5-78'	EPA 6010	DLB	1	PASI-G
40143142014	EW-5-88'	EPA 6010	DLB	1	PASI-G
40143142015	TRIP BLANK	EPA 8260	LAP	8	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40143142001	EW-6					
EPA 8260	1,1,1-Trichloroethane	1.2	ug/L	1.0	12/09/16 15:25	
EPA 8260	Trichloroethene	0.69J	ug/L	1.0	12/09/16 15:25	
40143142002	EW-6 DUP					
EPA 8260	1,1,1-Trichloroethane	1.2	ug/L	1.0	12/09/16 15:47	
EPA 8260	Trichloroethene	0.70J	ug/L	1.0	12/09/16 15:47	
40143142003	MW-23A					
EPA 8260	Trichloroethene	0.98J	ug/L	1.0	12/09/16 16:08	
40143142004	MW-23A DUP					
EPA 8260	Trichloroethene	1.1	ug/L	1.0	12/09/16 16:30	
40143142005	MW-23B					
EPA 8260	Trichloroethene	1.9	ug/L	1.0	12/09/16 16:52	
40143142006	MW-38B					
EPA 8260	1,1,1-Trichloroethane	0.65J	ug/L	1.0	12/09/16 17:14	
EPA 8260	Trichloroethene	3.2	ug/L	1.0	12/09/16 17:14	
40143142007	RW-2A					
EPA 8260	Trichloroethene	0.77J	ug/L	1.0	12/09/16 17:36	
40143142008	RW-2B					
EPA 8260	1,1,1-Trichloroethane	0.64J	ug/L	1.0	12/09/16 17:57	
EPA 8260	Trichloroethene	2.0	ug/L	1.0	12/09/16 17:57	
40143142009	RW-2C					
EPA 8260	1,1,1-Trichloroethane	0.52J	ug/L	1.0	12/09/16 18:19	
EPA 8260	Trichloroethene	1.6	ug/L	1.0	12/09/16 18:19	
40143142010	RW-15					
EPA 8260	Trichloroethene	3.1	ug/L	1.0	12/09/16 18:41	
40143142011	MW-65B					
EPA 8260	Trichloroethene	0.55J	ug/L	1.0	12/09/16 19:03	
40143142012	MW-65C					
EPA 8260	Trichloroethene	0.68J	ug/L	1.0	12/09/16 19:24	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 34283.000 NATIONAL PRESTO IND.
Pace Project No.: 40143142

Method: EPA 6010
Description: 6010 MET ICP, Dissolved
Client: Gannett Fleming Inc.
Date: December 15, 2016

General Information:

3 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Method: EPA 8270

Description: 8270 MSSV Semivolatile Organic

Client: Gannett Fleming Inc.

Date: December 15, 2016

General Information:

1 sample was analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Batch Comments:

Many compounds failed low in the LCS, The MS/MSD met all LCS limits for accuracy and precision.

- QC Batch: 243828

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Method: EPA 8260

Description: 8260 MSV

Client: Gannett Fleming Inc.

Date: December 15, 2016

General Information:

13 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: EW-6 **Lab ID: 40143142001** Collected: 12/06/16 14:20 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Cadmium, Dissolved	<1.3	ug/L	5.0	1.3	1	12/13/16 09:00	12/14/16 11:38	7440-43-9	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	1.2	ug/L	1.0	0.50	1		12/09/16 15:25	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 15:25	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 15:25	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 15:25	127-18-4	
Trichloroethene	0.69J	ug/L	1.0	0.33	1		12/09/16 15:25	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		12/09/16 15:25	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		12/09/16 15:25	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/09/16 15:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: EW-6 DUP **Lab ID: 40143142002** Collected: 12/06/16 14:20 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	1.2	ug/L	1.0	0.50	1		12/09/16 15:47	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 15:47	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 15:47	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 15:47	127-18-4	
Trichloroethene	0.70J	ug/L	1.0	0.33	1		12/09/16 15:47	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		12/09/16 15:47	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		12/09/16 15:47	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/09/16 15:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: MW-23A **Lab ID: 40143142003** Collected: 12/06/16 15:00 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 16:08	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 16:08	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 16:08	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 16:08	127-18-4	
Trichloroethene	0.98J	ug/L	1.0	0.33	1		12/09/16 16:08	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		12/09/16 16:08	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		12/09/16 16:08	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/09/16 16:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: MW-23A DUP **Lab ID: 40143142004** Collected: 12/06/16 15:00 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 16:30	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 16:30	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 16:30	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 16:30	127-18-4	
Trichloroethene	1.1	ug/L	1.0	0.33	1		12/09/16 16:30	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		12/09/16 16:30	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		12/09/16 16:30	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/09/16 16:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: MW-23B **Lab ID: 40143142005** Collected: 12/06/16 15:05 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 16:52	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 16:52	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 16:52	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 16:52	127-18-4	
Trichloroethene	1.9	ug/L	1.0	0.33	1		12/09/16 16:52	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		12/09/16 16:52	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		12/09/16 16:52	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/09/16 16:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: MW-38B **Lab ID: 40143142006** Collected: 12/06/16 15:45 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,4-Dioxane (p-Dioxane)	<2.9	ug/L	9.8	2.9	1	12/09/16 08:03	12/13/16 11:46	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	76	%	43-130		1	12/09/16 08:03	12/13/16 11:46	4165-60-0	
2-Fluorobiphenyl (S)	82	%	41-130		1	12/09/16 08:03	12/13/16 11:46	321-60-8	
Terphenyl-d14 (S)	91	%	49-130		1	12/09/16 08:03	12/13/16 11:46	1718-51-0	
Phenol-d6 (S)	23	%	15-130		1	12/09/16 08:03	12/13/16 11:46	13127-88-3	
2-Fluorophenol (S)	38	%	27-130		1	12/09/16 08:03	12/13/16 11:46	367-12-4	
2,4,6-Tribromophenol (S)	92	%	42-140		1	12/09/16 08:03	12/13/16 11:46	118-79-6	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	0.65J	ug/L	1.0	0.50	1		12/09/16 17:14	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 17:14	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 17:14	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 17:14	127-18-4	
Trichloroethene	3.2	ug/L	1.0	0.33	1		12/09/16 17:14	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		12/09/16 17:14	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		12/09/16 17:14	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/09/16 17:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: RW-2A **Lab ID:** 40143142007 Collected: 12/06/16 14:45 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 17:36	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 17:36	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 17:36	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 17:36	127-18-4	
Trichloroethene	0.77J	ug/L	1.0	0.33	1		12/09/16 17:36	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		12/09/16 17:36	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		12/09/16 17:36	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/09/16 17:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: RW-2B **Lab ID: 40143142008** Collected: 12/06/16 14:50 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	0.64J	ug/L	1.0	0.50	1		12/09/16 17:57	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 17:57	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 17:57	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 17:57	127-18-4	
Trichloroethene	2.0	ug/L	1.0	0.33	1		12/09/16 17:57	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		12/09/16 17:57	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		12/09/16 17:57	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/09/16 17:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: RW-2C **Lab ID: 40143142009** Collected: 12/06/16 14:55 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	0.52J	ug/L	1.0	0.50	1		12/09/16 18:19	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 18:19	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 18:19	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 18:19	127-18-4	
Trichloroethene	1.6	ug/L	1.0	0.33	1		12/09/16 18:19	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		12/09/16 18:19	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		12/09/16 18:19	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/09/16 18:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: RW-15 **Lab ID: 40143142010** Collected: 12/06/16 15:30 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 18:41	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 18:41	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 18:41	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 18:41	127-18-4	
Trichloroethene	3.1	ug/L	1.0	0.33	1		12/09/16 18:41	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		12/09/16 18:41	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		12/09/16 18:41	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/09/16 18:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: MW-65B **Lab ID: 40143142011** Collected: 12/06/16 16:10 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 19:03	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 19:03	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 19:03	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 19:03	127-18-4	
Trichloroethene	0.55J	ug/L	1.0	0.33	1		12/09/16 19:03	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		12/09/16 19:03	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		12/09/16 19:03	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/09/16 19:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: MW-65C **Lab ID: 40143142012** Collected: 12/06/16 16:15 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 19:24	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 19:24	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 19:24	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 19:24	127-18-4	
Trichloroethene	0.68J	ug/L	1.0	0.33	1		12/09/16 19:24	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		12/09/16 19:24	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		12/09/16 19:24	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/09/16 19:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: EW-5-78' **Lab ID: 40143142013** Collected: 12/06/16 10:05 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Cadmium, Dissolved	<1.3	ug/L	5.0	1.3	1	12/13/16 09:00	12/14/16 11:41	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: EW-5-88' **Lab ID: 40143142014** Collected: 12/06/16 10:10 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Cadmium, Dissolved	<1.3	ug/L	5.0	1.3	1	12/13/16 09:00	12/14/16 11:43	7440-43-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Sample: TRIP BLANK **Lab ID: 40143142015** Collected: 12/06/16 00:00 Received: 12/08/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/09/16 15:03	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/09/16 15:03	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/09/16 15:03	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/09/16 15:03	127-18-4	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/09/16 15:03	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		12/09/16 15:03	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		12/09/16 15:03	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/09/16 15:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

QC Batch: 244011 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 40143142001, 40143142013, 40143142014

METHOD BLANK: 1445282 Matrix: Water
Associated Lab Samples: 40143142001, 40143142013, 40143142014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cadmium, Dissolved	ug/L	<1.3	5.0	12/14/16 11:03	

LABORATORY CONTROL SAMPLE: 1445283

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium, Dissolved	ug/L	500	467	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1445284 1445285

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40143087016 Result	Spike Conc.	Spike Conc.	Result						
Cadmium, Dissolved	ug/L	18.8	500	500	490	493	94	95	75-125	1	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

QC Batch:	243650	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	40143142001, 40143142002, 40143142003, 40143142004, 40143142005, 40143142006, 40143142007, 40143142008, 40143142009, 40143142010, 40143142011, 40143142012, 40143142015		

METHOD BLANK:	1443142	Matrix:	Water
Associated Lab Samples:	40143142001, 40143142002, 40143142003, 40143142004, 40143142005, 40143142006, 40143142007, 40143142008, 40143142009, 40143142010, 40143142011, 40143142012, 40143142015		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	12/09/16 12:51	
1,1-Dichloroethane	ug/L	<0.24	1.0	12/09/16 12:51	
1,1-Dichloroethene	ug/L	<0.41	1.0	12/09/16 12:51	
Tetrachloroethene	ug/L	<0.50	1.0	12/09/16 12:51	
Trichloroethene	ug/L	<0.33	1.0	12/09/16 12:51	
4-Bromofluorobenzene (S)	%	88	70-130	12/09/16 12:51	
Dibromofluoromethane (S)	%	106	70-130	12/09/16 12:51	
Toluene-d8 (S)	%	96	70-130	12/09/16 12:51	

LABORATORY CONTROL SAMPLE: 1443143

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	57.9	116	70-131	
1,1-Dichloroethane	ug/L	50	60.3	121	70-133	
1,1-Dichloroethene	ug/L	50	55.7	111	70-130	
Tetrachloroethene	ug/L	50	50.7	101	70-138	
Trichloroethene	ug/L	50	55.5	111	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Dibromofluoromethane (S)	%			108	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1443445 1443446

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40143136001 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	56.7	56.1	113	112	70-134	1	20
1,1-Dichloroethane	ug/L	<0.24	50	50	58.5	57.9	117	116	70-134	1	20
1,1-Dichloroethene	ug/L	<0.41	50	50	56.4	56.7	113	113	68-136	1	20
Tetrachloroethene	ug/L	<0.50	50	50	50.5	49.3	101	99	70-148	2	20
Trichloroethene	ug/L	<0.33	50	50	54.5	54.4	109	109	70-131	0	20
4-Bromofluorobenzene (S)	%						105	104	70-130		
Dibromofluoromethane (S)	%						105	107	70-130		
Toluene-d8 (S)	%						94	97	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND.
Pace Project No.: 40143142

QC Batch: 243753 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 40143142006

METHOD BLANK: 1443667 Matrix: Water
Associated Lab Samples: 40143142006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	<3.0	9.9	12/12/16 14:11	
2,4,6-Tribromophenol (S)	%	94	42-140	12/12/16 14:11	
2-Fluorobiphenyl (S)	%	77	41-130	12/12/16 14:11	
2-Fluorophenol (S)	%	42	27-130	12/12/16 14:11	
Nitrobenzene-d5 (S)	%	75	43-130	12/12/16 14:11	
Phenol-d6 (S)	%	29	15-130	12/12/16 14:11	
Terphenyl-d14 (S)	%	91	49-130	12/12/16 14:11	

LABORATORY CONTROL SAMPLE: 1443668

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,6-Tribromophenol (S)	%			78	42-140	
2-Fluorobiphenyl (S)	%			65	41-130	
2-Fluorophenol (S)	%			32	27-130	
Nitrobenzene-d5 (S)	%			60	43-130	
Phenol-d6 (S)	%			23	15-130	
Terphenyl-d14 (S)	%			62	49-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1443669 1443670

Parameter	Units	40143102008		1443670		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result					
2,4,6-Tribromophenol (S)	%					113	117	42-140		
2-Fluorobiphenyl (S)	%					94	98	41-130		
2-Fluorophenol (S)	%					48	42	27-130		
Nitrobenzene-d5 (S)	%					91	92	43-130		
Phenol-d6 (S)	%					32	30	15-130		
Terphenyl-d14 (S)	%					93	90	49-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: 243828

[1] Many compounds failed low in the LCS, The MS/MSD met all LCS limits for accuracy and precision.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 34283.000 NATIONAL PRESTO IND.

Pace Project No.: 40143142

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40143142001	EW-6	EPA 3010	244011	EPA 6010	244125
40143142013	EW-5-78'	EPA 3010	244011	EPA 6010	244125
40143142014	EW-5-88'	EPA 3010	244011	EPA 6010	244125
40143142006	MW-38B	EPA 3510	243753	EPA 8270	243828
40143142001	EW-6	EPA 8260	243650		
40143142002	EW-6 DUP	EPA 8260	243650		
40143142003	MW-23A	EPA 8260	243650		
40143142004	MW-23A DUP	EPA 8260	243650		
40143142005	MW-23B	EPA 8260	243650		
40143142006	MW-38B	EPA 8260	243650		
40143142007	RW-2A	EPA 8260	243650		
40143142008	RW-2B	EPA 8260	243650		
40143142009	RW-2C	EPA 8260	243650		
40143142010	RW-15	EPA 8260	243650		
40143142011	MW-65B	EPA 8260	243650		
40143142012	MW-65C	EPA 8260	243650		
40143142015	TRIP BLANK	EPA 8260	243650		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

(Please Print Clearly)

Company Name: Gannett Fleming
 Branch/Location: Madison, WI
 Project Contact: Dave Olig
 Phone: 608-836-1500
 Project Number: 34283.000
 Project Name: National Presto Ind.
 Project State: ~~Wisconsin~~ WI
 Sampled By (Print): Chelsea Payne
 Sampled By (Sign): Chelsea Payne



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

40143142

Page 29 of 31

CHAIN OF CUSTODY

Preservation Codes

A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)
 PRESERVATION (CODE)*

Y/N	Z	Y	N																
	B	D	A																
Analyses Requested	NOCS NPI Short List																		
	CJ																		
	14-610X																		

Quote #:
 Mail To Contact: Dave Olig
 Mail To Company: Gannett Fleming
 Mail To Address: 8025 Excelsior Dr, Madison, WI 53717
 Invoice To Contact: See mail
 Invoice To Company: See mail
 Invoice To Address: to
 Invoice To Phone: 608-836-1500

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
Send copy of report to Marcia A Kuehl	3-40 ml vials, 1-250 ml p	
8740 Charlevoix Ct Green Bay, WI 54311	2-lag A	

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	EW-6	12-6	1420	GW
002	EW-6 Dup		1420	
003	MW-23A		1500	
004	MW-23A Dup		1500	
005	MW-23B		1505	
006	MW-38B		1545	
007	RW-2A		1445	
	RW-2A Dup		1445	
008	RW-2B		1450	
009	RW-2C		1455	
010	RW-15		1530	
011	MW-65B		1610	
012	MW-65C		1615	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: Marcus Mussey	Date/Time: 12-7, 1300	Received By:	Date/Time:	PACE Project No. 40143142
	Relinquished By: Nathan	Date/Time: 12-8-16 0730	Received By: Susank Wlye	Date/Time: 12-8-16 0730	
Transmit Prelim Rush Results by (complete what you want):	Relinquished By:	Date/Time:	Received By:	Date/Time:	Receipt Temp = 60.7 °C
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Sample Receipt pH OK/Adjusted
Email #2:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Cooler Custody Seal Present/Not Present
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Intact / Not Intact
Fax:	Relinquished By:	Date/Time:	Received By:	Date/Time:	

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302



Client Name: Gannett Heming

Project #:

WO#: **40143142**

Courier: Fed Ex UPS Client Pace Other: Durham
Tracking #: 123 9527



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used: N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature: Uncorr: RGT /Corr: _____ Biological Tissue is Frozen: yes no

Temp Blank Present: yes no

Person examining contents:

Date: 12-8-14

Initials: SKW

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <input checked="" type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
(HNO3, H2SO4, <input checked="" type="checkbox"/> NaOH + ZnAct ≥9, NaOH ≥12)		
exceptions: (VOA) coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed: <u>SKW</u> Lab Std #ID of preservative: _____ Date/Time: _____
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>369</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AMH - BDM

Date: 12/8/14

December 20, 2016

Project #34283.000
NPI Q4 GW
Reviewed by CCW
12/20/16

Dave Olig
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717


RE: Project: B4283.000 NATIONAL PRESTO IND
Pace Project No.: 40143295

Dear Dave Olig:

Enclosed are the analytical results for sample(s) received by the laboratory on December 09, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Marcia Kuehl, MAKuehl Co.
Clifford Wright, Gannett Fleming



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

Alaska Certification UST-107

525 N 8th Street, Salina, KS 67401

A2LA Certification #: 2926.01

Alaska Certification #: UST-078

Alaska Certification #MN00064

Alabama Certification #40770

Arizona Certification #: AZ-0014

Arkansas Certification #: 88-0680

California Certification #: 01155CA

Colorado Certification #Pace

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida/NELAP Certification #: E87605

Guam Certification #:14-008r

Georgia Certification #: 959

Georgia EPD #: Pace

Idaho Certification #: MN00064

Hawaii Certification #MN00064

Illinois Certification #: 200011

Indiana Certification#C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky Dept of Envi. Protection - DW #90062

Kentucky Dept of Envi. Protection - WW #:90062

Louisiana DEQ Certification #: 3086

Louisiana DHH #: LA140001

Maine Certification #: 2013011

Maryland Certification #: 322

Michigan DEPH Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: Pace

Montana Certification #: MT0092

Nevada Certification #: MN_00064

Nebraska Certification #: Pace

New Jersey Certification #: MN-002

New York Certification #: 11647

North Carolina Certification #: 530

North Carolina State Public Health #: 27700

North Dakota Certification #: R-036

Ohio EPA #: 4150

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Certification #: MN200001

Oregon Certification #: MN300001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification

Saipan (CNMI) #:MP0003

South Carolina #:74003001

Texas Certification #: T104704192

Tennessee Certification #: 02818

Utah Certification #: MN000642013-4

Virginia DGS Certification #: 251

Virginia/VELAP Certification #: Pace

Washington Certification #: C486

West Virginia Certification #: 382

West Virginia DHHR #:9952C

Wisconsin Certification #: 999407970

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40143295001	CW-11	Water	12/07/16 09:20	12/09/16 09:55
40143295002	CW-15	Water	12/07/16 09:25	12/09/16 09:55
40143295003	CW-16	Water	12/07/16 09:10	12/09/16 09:55
40143295004	CW-17	Water	12/07/16 09:45	12/09/16 09:55
40143295005	CW-19	Water	12/07/16 09:30	12/09/16 09:55
40143295006	RAW	Water	12/07/16 09:00	12/09/16 09:55
40143295007	TOWER A	Water	12/07/16 09:05	12/09/16 09:55
40143295008	TOWER B	Water	12/07/16 09:07	12/09/16 09:55
40143295009	FINISHED PRODUCT	Water	12/07/16 08:50	12/09/16 09:55
40143295010	CW-19 DUP	Water	12/07/16 09:30	12/09/16 09:55

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40143295001	CW-11	EPA 524.2	DJB	8	PASI-M
40143295002	CW-15	EPA 524.2	DJB	8	PASI-M
40143295003	CW-16	EPA 524.2	DJB	8	PASI-M
40143295004	CW-17	EPA 524.2	DJB	8	PASI-M
40143295005	CW-19	EPA 8270	RJN	3	PASI-G
		EPA 524.2	DJB	8	PASI-M
40143295006	RAW	EPA 524.2	DJB	8	PASI-M
40143295007	TOWER A	EPA 524.2	DJB	8	PASI-M
40143295008	TOWER B	EPA 524.2	DJB	8	PASI-M
40143295009	FINISHED PRODUCT	EPA 524.2	DJB	8	PASI-M
40143295010	CW-19 DUP	EPA 8270	RJN	3	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40143295002	CW-15					
EPA 524.2	Trichloroethene	0.18J	ug/L	0.40	12/13/16 18:34	
40143295005	CW-19					
EPA 524.2	1,1,1-Trichloroethane	0.27J	ug/L	0.50	12/13/16 19:41	
EPA 524.2	Trichloroethene	2.1	ug/L	0.40	12/13/16 19:41	
40143295006	RAW					
EPA 524.2	Trichloroethene	0.60	ug/L	0.40	12/13/16 20:03	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Method: EPA 8270

Description: 8270 MSSV Semivolatile Organic

Client: Gannett Fleming Inc.

Date: December 20, 2016

General Information:

2 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 244127

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

Batch Comments:

Requested compound is not in the spike mix, nearest compound had acceptable spike recoveries

- QC Batch: 244144

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: B4283.000 NATIONAL PRESTO IND
Pace Project No.: 40143295

Method: EPA 524.2
Description: 524.2 MSV
Client: Gannett Fleming Inc.
Date: December 20, 2016

General Information:

9 samples were analyzed for EPA 524.2. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 451487

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Sample: CW-11 **Lab ID: 40143295001** Collected: 12/07/16 09:20 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		12/13/16 18:12	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		12/13/16 18:12	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		12/13/16 18:12	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		12/13/16 18:12	71-55-6	
Trichloroethene	<0.044	ug/L	0.40	0.044	1		12/13/16 18:12	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	75-125		1		12/13/16 18:12	460-00-4	
Toluene-d8 (S)	99	%	75-125		1		12/13/16 18:12	2037-26-5	
1,2-Dichloroethane-d4 (S)	116	%	75-125		1		12/13/16 18:12	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Sample: CW-15 **Lab ID: 40143295002** Collected: 12/07/16 09:25 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		12/13/16 18:34	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		12/13/16 18:34	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		12/13/16 18:34	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		12/13/16 18:34	71-55-6	
Trichloroethene	0.18J	ug/L	0.40	0.044	1		12/13/16 18:34	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	75-125		1		12/13/16 18:34	460-00-4	
Toluene-d8 (S)	102	%	75-125		1		12/13/16 18:34	2037-26-5	
1,2-Dichloroethane-d4 (S)	116	%	75-125		1		12/13/16 18:34	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Sample: CW-16 **Lab ID: 40143295003** Collected: 12/07/16 09:10 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		12/13/16 18:57	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		12/13/16 18:57	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		12/13/16 18:57	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		12/13/16 18:57	71-55-6	
Trichloroethene	<0.044	ug/L	0.40	0.044	1		12/13/16 18:57	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	75-125		1		12/13/16 18:57	460-00-4	
Toluene-d8 (S)	102	%	75-125		1		12/13/16 18:57	2037-26-5	
1,2-Dichloroethane-d4 (S)	116	%	75-125		1		12/13/16 18:57	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Sample: CW-17 **Lab ID: 40143295004** Collected: 12/07/16 09:45 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		12/13/16 19:19	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		12/13/16 19:19	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		12/13/16 19:19	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		12/13/16 19:19	71-55-6	
Trichloroethene	<0.044	ug/L	0.40	0.044	1		12/13/16 19:19	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	75-125		1		12/13/16 19:19	460-00-4	
Toluene-d8 (S)	101	%	75-125		1		12/13/16 19:19	2037-26-5	
1,2-Dichloroethane-d4 (S)	115	%	75-125		1		12/13/16 19:19	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Sample: CW-19 **Lab ID: 40143295005** Collected: 12/07/16 09:30 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.5	2.8	1	12/14/16 07:29	12/14/16 20:11	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	44	%	43-130		1	12/14/16 07:29	12/14/16 20:11	4165-60-0	
2-Fluorobiphenyl (S)	61	%	41-130		1	12/14/16 07:29	12/14/16 20:11	321-60-8	
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		12/13/16 19:41	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		12/13/16 19:41	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		12/13/16 19:41	127-18-4	
1,1,1-Trichloroethane	0.27J	ug/L	0.50	0.10	1		12/13/16 19:41	71-55-6	
Trichloroethene	2.1	ug/L	0.40	0.044	1		12/13/16 19:41	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	75-125		1		12/13/16 19:41	460-00-4	
Toluene-d8 (S)	100	%	75-125		1		12/13/16 19:41	2037-26-5	
1,2-Dichloroethane-d4 (S)	116	%	75-125		1		12/13/16 19:41	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Sample: RAW **Lab ID: 40143295006** Collected: 12/07/16 09:00 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		12/13/16 20:03	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		12/13/16 20:03	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		12/13/16 20:03	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		12/13/16 20:03	71-55-6	
Trichloroethene	0.60	ug/L	0.40	0.044	1		12/13/16 20:03	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	75-125		1		12/13/16 20:03	460-00-4	
Toluene-d8 (S)	99	%	75-125		1		12/13/16 20:03	2037-26-5	
1,2-Dichloroethane-d4 (S)	120	%	75-125		1		12/13/16 20:03	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Sample: TOWER A **Lab ID: 40143295007** Collected: 12/07/16 09:05 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		12/13/16 20:25	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		12/13/16 20:25	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		12/13/16 20:25	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		12/13/16 20:25	71-55-6	
Trichloroethene	<0.044	ug/L	0.40	0.044	1		12/13/16 20:25	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	75-125		1		12/13/16 20:25	460-00-4	
Toluene-d8 (S)	102	%	75-125		1		12/13/16 20:25	2037-26-5	
1,2-Dichloroethane-d4 (S)	117	%	75-125		1		12/13/16 20:25	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Sample: TOWER B **Lab ID: 40143295008** Collected: 12/07/16 09:07 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		12/13/16 20:47	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		12/13/16 20:47	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		12/13/16 20:47	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		12/13/16 20:47	71-55-6	
Trichloroethene	<0.044	ug/L	0.40	0.044	1		12/13/16 20:47	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	75-125		1		12/13/16 20:47	460-00-4	
Toluene-d8 (S)	101	%	75-125		1		12/13/16 20:47	2037-26-5	
1,2-Dichloroethane-d4 (S)	118	%	75-125		1		12/13/16 20:47	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Sample: FINISHED PRODUCT **Lab ID: 40143295009** Collected: 12/07/16 08:50 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2							
1,1-Dichloroethane	<0.088	ug/L	0.50	0.088	1		12/17/16 00:16	75-34-3	
1,1-Dichloroethene	<0.089	ug/L	0.50	0.089	1		12/17/16 00:16	75-35-4	
Tetrachloroethene	<0.12	ug/L	0.50	0.12	1		12/17/16 00:16	127-18-4	
1,1,1-Trichloroethane	<0.10	ug/L	0.50	0.10	1		12/17/16 00:16	71-55-6	
Trichloroethene	<0.044	ug/L	0.40	0.044	1		12/17/16 00:16	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	75-125		1		12/17/16 00:16	460-00-4	
Toluene-d8 (S)	99	%	75-125		1		12/17/16 00:16	2037-26-5	
1,2-Dichloroethane-d4 (S)	95	%	75-125		1		12/17/16 00:16	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

Sample: CW-19 DUP **Lab ID: 40143295010** Collected: 12/07/16 09:30 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.4	2.8	1	12/14/16 07:29	12/14/16 19:50	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	59	%	43-130		1	12/14/16 07:29	12/14/16 19:50	4165-60-0	
2-Fluorobiphenyl (S)	78	%	41-130		1	12/14/16 07:29	12/14/16 19:50	321-60-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

QC Batch: 451487 Analysis Method: EPA 524.2
 QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
 Associated Lab Samples: 40143295001, 40143295002, 40143295003, 40143295004, 40143295005, 40143295006, 40143295007, 40143295008

METHOD BLANK: 2472071 Matrix: Water
 Associated Lab Samples: 40143295001, 40143295002, 40143295003, 40143295004, 40143295005, 40143295006, 40143295007, 40143295008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.10	0.50	12/13/16 12:20	
1,1-Dichloroethane	ug/L	<0.088	0.50	12/13/16 12:20	
1,1-Dichloroethene	ug/L	<0.089	0.50	12/13/16 12:20	
Tetrachloroethene	ug/L	<0.12	0.50	12/13/16 12:20	
Trichloroethene	ug/L	<0.044	0.40	12/13/16 12:20	
1,2-Dichloroethane-d4 (S)	%	114	75-125	12/13/16 12:20	
4-Bromofluorobenzene (S)	%	103	75-125	12/13/16 12:20	
Toluene-d8 (S)	%	101	75-125	12/13/16 12:20	

LABORATORY CONTROL SAMPLE & LCSD: 2472072 2472073

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	20	22.0	21.5	110	107	70-130	3	20	
1,1-Dichloroethane	ug/L	20	20.4	20.0	102	100	70-130	2	20	
1,1-Dichloroethene	ug/L	20	21.0	20.5	105	103	70-130	2	20	
Tetrachloroethene	ug/L	20	21.0	20.1	105	101	70-130	4	20	
Trichloroethene	ug/L	20	20.7	20.2	104	101	70-130	2	20	
1,2-Dichloroethane-d4 (S)	%				106	108	75-125			
4-Bromofluorobenzene (S)	%				101	101	75-125			
Toluene-d8 (S)	%				103	102	75-125			

MATRIX SPIKE SAMPLE: 2472074

Parameter	Units	40143141009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.10	20	22.5	112	70-130	
1,1-Dichloroethane	ug/L	<0.088	20	19.9	99	70-130	
1,1-Dichloroethene	ug/L	<0.089	20	21.8	109	70-130	
Tetrachloroethene	ug/L	<0.12	20	20.0	100	70-130	
Trichloroethene	ug/L	<0.044	20	19.2	96	70-130	
1,2-Dichloroethane-d4 (S)	%				108	75-125	
4-Bromofluorobenzene (S)	%				98	75-125	
Toluene-d8 (S)	%				100	75-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

SAMPLE DUPLICATE: 2472075

Parameter	Units	40143141011 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.10	<0.10		20	
1,1-Dichloroethane	ug/L	<0.088	<0.088		20	
1,1-Dichloroethene	ug/L	<0.089	<0.089		20	
Tetrachloroethene	ug/L	<0.12	<0.12		20	
Trichloroethene	ug/L	<0.044	<0.044		20	
1,2-Dichloroethane-d4 (S)	%	117	116	2		
4-Bromofluorobenzene (S)	%	102	99	2		
Toluene-d8 (S)	%	100	99	0		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: B4283.000 NATIONAL PRESTO IND
Pace Project No.: 40143295

QC Batch: 452191 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 40143295009

METHOD BLANK: 2475523 Matrix: Water
Associated Lab Samples: 40143295009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.10	0.50	12/16/16 22:03	
1,1-Dichloroethane	ug/L	<0.088	0.50	12/16/16 22:03	
1,1-Dichloroethene	ug/L	<0.089	0.50	12/16/16 22:03	
Tetrachloroethene	ug/L	<0.12	0.50	12/16/16 22:03	
Trichloroethene	ug/L	<0.044	0.40	12/16/16 22:03	
1,2-Dichloroethane-d4 (S)	%	98	75-125	12/16/16 22:03	
4-Bromofluorobenzene (S)	%	99	75-125	12/16/16 22:03	
Toluene-d8 (S)	%	99	75-125	12/16/16 22:03	

LABORATORY CONTROL SAMPLE & LCSD: 2475524

Parameter	Units	2475525								Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	
1,1,1-Trichloroethane	ug/L	50	49.1	48.0	98	96	70-130	2	20	
1,1-Dichloroethane	ug/L	50	48.9	48.7	98	97	70-130	0	20	
1,1-Dichloroethene	ug/L	50	49.5	49.1	99	98	70-130	1	20	
Tetrachloroethene	ug/L	50	51.4	51.2	103	102	70-130	0	20	
Trichloroethene	ug/L	50	50.3	50.5	101	101	70-130	0	20	
1,2-Dichloroethane-d4 (S)	%				97	97	75-125			
4-Bromofluorobenzene (S)	%				99	98	75-125			
Toluene-d8 (S)	%				101	100	75-125			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2475526

Parameter	Units	2475527										
		60234089001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	18.5	17.7	93	89	70-130	4	20	
1,1-Dichloroethane	ug/L	ND	20	20	19.1	18.3	95	91	70-130	4	20	
1,1-Dichloroethene	ug/L	ND	20	20	20.1	19.3	101	97	70-130	4	20	
Tetrachloroethene	ug/L	ND	20	20	18.3	16.9	91	85	70-130	8	20	
Trichloroethene	ug/L	ND	20	20	19.0	18.3	95	91	70-130	4	20	
1,2-Dichloroethane-d4 (S)	%						95	95	75-125			
4-Bromofluorobenzene (S)	%						98	100	75-125			
Toluene-d8 (S)	%						98	98	75-125			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: B4283.000 NATIONAL PRESTO IND
Pace Project No.: 40143295

QC Batch: 244127 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 40143295005, 40143295010

METHOD BLANK: 1445791 Matrix: Water
Associated Lab Samples: 40143295005, 40143295010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	<3.0	9.9	12/14/16 17:43	
2-Fluorobiphenyl (S)	%	70	41-130	12/14/16 17:43	
Nitrobenzene-d5 (S)	%	75	43-130	12/14/16 17:43	

LABORATORY CONTROL SAMPLE & LCSD: 1445792

Parameter	Units	1445793							Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD		
1,4-Dioxane (p-Dioxane)	ug/L		<3.0	<3.0					20	
2-Fluorobiphenyl (S)	%				93	96	41-130			
Nitrobenzene-d5 (S)	%				87	84	43-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: B4283.000 NATIONAL PRESTO IND

Pace Project No.: 40143295

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

PASI-M Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: 244144

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

[1] Requested compound is not in the spike mix, nearest compound had acceptable spike recoveries

Batch: 451487

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: B4283.000 NATIONAL PRESTO IND
Pace Project No.: 40143295

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40143295005	CW-19	EPA 3510	244127	EPA 8270	244144
40143295010	CW-19 DUP	EPA 3510	244127	EPA 8270	244144
40143295001	CW-11	EPA 524.2	451487		
40143295002	CW-15	EPA 524.2	451487		
40143295003	CW-16	EPA 524.2	451487		
40143295004	CW-17	EPA 524.2	451487		
40143295005	CW-19	EPA 524.2	451487		
40143295006	RAW	EPA 524.2	451487		
40143295007	TOWER A	EPA 524.2	451487		
40143295008	TOWER B	EPA 524.2	451487		
40143295009	FINISHED PRODUCT	EPA 524.2	452191		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302



Project #:

WO#: 40143295

Client Name: Gannett Fleming

Courier: Fed Ex UPS Client Pace Other: _____

Tracking #: 795126716 1



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used NA Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROT /Corr: _____ Biological Tissue is Frozen: yes no

Temp Blank Present: yes no no

Person examining contents:

Date: 12/9/16

Initials: BJ

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. collect date for all samples is 12/7 or 12/9/16
Chain of Custody Relinquished:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. <u>006 1 vial</u> <u>BT 12/9/16</u>
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: Tracking # for 2nd cooler damaged during shipping BT 12/9/16

Project Manager Review:

AMH for DM

Date:

12/9/16

December 15, 2016

Project #34283.000
NPI Q4 GW
Reviewed by CCW
12/15/16

Dave Olig
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717

RE: Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143284

Dear Dave Olig:

Enclosed are the analytical results for sample(s) received by the laboratory on December 09, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

cc: Marcia Kuehl, MAKuehl Co.
Clifford Wright, Gannett Fleming



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143284

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150

Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40143284001	EC-1	Water	12/07/16 09:40	12/09/16 09:55
40143284002	RW-3A	Water	12/07/16 10:10	12/09/16 09:55
40143284003	RW-3B	Water	12/07/16 10:15	12/09/16 09:55
40143284004	RW-3C	Water	12/07/16 10:20	12/09/16 09:55
40143284005	MW-45B	Water	12/07/16 10:35	12/09/16 09:55
40143284006	MW-45B DUP	Water	12/07/16 10:35	12/09/16 09:55
40143284007	MW-45C	Water	12/07/16 10:40	12/09/16 09:55
40143284008	MW-26B	Water	12/07/16 11:20	12/09/16 09:55
40143284009	RW-16	Water	12/07/16 11:00	12/09/16 09:55
40143284010	MW-52B	Water	12/07/16 08:20	12/09/16 09:55
40143284011	MH-18	Water	12/07/16 11:30	12/09/16 09:55

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40143284001	EC-1	EPA 8260	HNW	8	PASI-G
40143284002	RW-3A	EPA 8260	HNW	8	PASI-G
40143284003	RW-3B	EPA 8260	HNW	8	PASI-G
40143284004	RW-3C	EPA 8270	RJN	3	PASI-G
		EPA 8260	HNW	8	PASI-G
40143284005	MW-45B	EPA 8260	HNW	8	PASI-G
40143284006	MW-45B DUP	EPA 8260	HNW	8	PASI-G
40143284007	MW-45C	EPA 8260	HNW	8	PASI-G
40143284008	MW-26B	EPA 8260	HNW	8	PASI-G
40143284009	RW-16	EPA 8270	RJN	3	PASI-G
40143284010	MW-52B	EPA 8270	RJN	3	PASI-G
40143284011	MH-18	EPA 8270 by HVI	TPO	20	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40143284001	EC-1					
EPA 8260	Trichloroethene	1.5	ug/L	1.0	12/14/16 19:52	
40143284002	RW-3A					
EPA 8260	Trichloroethene	2.0	ug/L	1.0	12/14/16 12:53	
40143284003	RW-3B					
EPA 8260	Trichloroethene	2.5	ug/L	1.0	12/14/16 16:56	
40143284004	RW-3C					
EPA 8260	1,1,1-Trichloroethane	0.52J	ug/L	1.0	12/14/16 17:18	
EPA 8260	Trichloroethene	4.3	ug/L	1.0	12/14/16 17:18	
40143284005	MW-45B					
EPA 8260	Trichloroethene	2.5	ug/L	1.0	12/14/16 17:40	
40143284006	MW-45B DUP					
EPA 8260	Trichloroethene	2.5	ug/L	1.0	12/14/16 18:02	
40143284007	MW-45C					
EPA 8260	Trichloroethene	2.8	ug/L	1.0	12/14/16 18:24	
40143284008	MW-26B					
EPA 8260	Trichloroethene	0.35J	ug/L	1.0	12/14/16 18:46	
40143284011	MH-18					
EPA 8270 by HVI	Acenaphthene	0.040	ug/L	0.030	12/14/16 14:35	
EPA 8270 by HVI	Fluorene	0.018J	ug/L	0.040	12/14/16 14:35	
EPA 8270 by HVI	1-Methylnaphthalene	0.012J	ug/L	0.030	12/14/16 14:35	
EPA 8270 by HVI	2-Methylnaphthalene	0.0074J	ug/L	0.024	12/14/16 14:35	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Method: EPA 8270

Description: 8270 MSSV Semivolatile Organic

Client: Gannett Fleming Inc.

Date: December 15, 2016

General Information:

3 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 244127

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

Batch Comments:

Requested compound is not in the spike mix, nearest compound had acceptable spike recoveries

- QC Batch: 244144

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Method: EPA 8270 by HVI

Description: 8270 MSSV PAH by HVI

Client: Gannett Fleming Inc.

Date: December 15, 2016

General Information:

1 sample was analyzed for EPA 8270 by HVI. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Method: EPA 8260

Description: 8260 MSV

Client: Gannett Fleming Inc.

Date: December 15, 2016

General Information:

8 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 243877

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 1444884)
- 1,1-Dichloroethane

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Sample: EC-1 **Lab ID: 40143284001** Collected: 12/07/16 09:40 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/14/16 19:52	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/16 19:52	75-34-3	L3
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/14/16 19:52	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/14/16 19:52	127-18-4	
Trichloroethene	1.5	ug/L	1.0	0.33	1		12/14/16 19:52	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		12/14/16 19:52	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		12/14/16 19:52	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/14/16 19:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Sample: RW-3A **Lab ID: 40143284002** Collected: 12/07/16 10:10 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/14/16 12:53	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/16 12:53	75-34-3	L3
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/14/16 12:53	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/14/16 12:53	127-18-4	
Trichloroethene	2.0	ug/L	1.0	0.33	1		12/14/16 12:53	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/14/16 12:53	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		12/14/16 12:53	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/14/16 12:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Sample: RW-3B **Lab ID: 40143284003** Collected: 12/07/16 10:15 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/14/16 16:56	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/16 16:56	75-34-3	L3
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/14/16 16:56	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/14/16 16:56	127-18-4	
Trichloroethene	2.5	ug/L	1.0	0.33	1		12/14/16 16:56	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/14/16 16:56	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		12/14/16 16:56	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/14/16 16:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Sample: RW-3C **Lab ID: 40143284004** Collected: 12/07/16 10:20 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.5	2.8	1	12/14/16 07:29	12/14/16 18:47	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	63	%	43-130		1	12/14/16 07:29	12/14/16 18:47	4165-60-0	
2-Fluorobiphenyl (S)	76	%	41-130		1	12/14/16 07:29	12/14/16 18:47	321-60-8	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	0.52J	ug/L	1.0	0.50	1		12/14/16 17:18	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/16 17:18	75-34-3	L3
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/14/16 17:18	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/14/16 17:18	127-18-4	
Trichloroethene	4.3	ug/L	1.0	0.33	1		12/14/16 17:18	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/14/16 17:18	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		12/14/16 17:18	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/14/16 17:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Sample: MW-45B **Lab ID: 40143284005** Collected: 12/07/16 10:35 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/14/16 17:40	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/16 17:40	75-34-3	L3
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/14/16 17:40	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/14/16 17:40	127-18-4	
Trichloroethene	2.5	ug/L	1.0	0.33	1		12/14/16 17:40	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/14/16 17:40	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		12/14/16 17:40	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/14/16 17:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Sample: MW-45B DUP **Lab ID: 40143284006** Collected: 12/07/16 10:35 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/14/16 18:02	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/16 18:02	75-34-3	L3
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/14/16 18:02	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/14/16 18:02	127-18-4	
Trichloroethene	2.5	ug/L	1.0	0.33	1		12/14/16 18:02	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/14/16 18:02	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		12/14/16 18:02	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/14/16 18:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143284

Sample: MW-45C **Lab ID: 40143284007** Collected: 12/07/16 10:40 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/14/16 18:24	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/16 18:24	75-34-3	L3
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/14/16 18:24	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/14/16 18:24	127-18-4	
Trichloroethene	2.8	ug/L	1.0	0.33	1		12/14/16 18:24	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/14/16 18:24	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		12/14/16 18:24	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/14/16 18:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Sample: MW-26B **Lab ID: 40143284008** Collected: 12/07/16 11:20 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/14/16 18:46	71-55-6	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/16 18:46	75-34-3	L3
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/14/16 18:46	75-35-4	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/14/16 18:46	127-18-4	
Trichloroethene	0.35J	ug/L	1.0	0.33	1		12/14/16 18:46	79-01-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/14/16 18:46	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		12/14/16 18:46	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/14/16 18:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Sample: RW-16 **Lab ID: 40143284009** Collected: 12/07/16 11:00 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.4	2.8	1	12/14/16 07:29	12/14/16 19:08	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	49	%	43-130		1	12/14/16 07:29	12/14/16 19:08	4165-60-0	
2-Fluorobiphenyl (S)	72	%	41-130		1	12/14/16 07:29	12/14/16 19:08	321-60-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Sample: MW-52B **Lab ID: 40143284010** Collected: 12/07/16 08:20 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
1,4-Dioxane (p-Dioxane)	<2.8	ug/L	9.4	2.8	1	12/14/16 07:29	12/14/16 19:29	123-91-1	
Surrogates									
Nitrobenzene-d5 (S)	71	%	43-130		1	12/14/16 07:29	12/14/16 19:29	4165-60-0	
2-Fluorobiphenyl (S)	77	%	41-130		1	12/14/16 07:29	12/14/16 19:29	321-60-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Sample: MH-18 **Lab ID: 40143284011** Collected: 12/07/16 11:30 Received: 12/09/16 09:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by HVI		Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510							
Acenaphthene	0.040	ug/L	0.030	0.0061	1	12/14/16 08:18	12/14/16 14:35	83-32-9	
Acenaphthylene	<0.0050	ug/L	0.025	0.0050	1	12/14/16 08:18	12/14/16 14:35	208-96-8	
Anthracene	<0.010	ug/L	0.052	0.010	1	12/14/16 08:18	12/14/16 14:35	120-12-7	
Benzo(a)anthracene	<0.0076	ug/L	0.038	0.0076	1	12/14/16 08:18	12/14/16 14:35	56-55-3	
Benzo(a)pyrene	<0.011	ug/L	0.053	0.011	1	12/14/16 08:18	12/14/16 14:35	50-32-8	
Benzo(b)fluoranthene	<0.0057	ug/L	0.029	0.0057	1	12/14/16 08:18	12/14/16 14:35	205-99-2	
Benzo(g,h,i)perylene	<0.0068	ug/L	0.034	0.0068	1	12/14/16 08:18	12/14/16 14:35	191-24-2	
Benzo(k)fluoranthene	<0.0076	ug/L	0.038	0.0076	1	12/14/16 08:18	12/14/16 14:35	207-08-9	
Chrysene	<0.013	ug/L	0.065	0.013	1	12/14/16 08:18	12/14/16 14:35	218-01-9	
Dibenz(a,h)anthracene	<0.010	ug/L	0.050	0.010	1	12/14/16 08:18	12/14/16 14:35	53-70-3	
Fluoranthene	<0.011	ug/L	0.053	0.011	1	12/14/16 08:18	12/14/16 14:35	206-44-0	
Fluorene	0.018J	ug/L	0.040	0.0080	1	12/14/16 08:18	12/14/16 14:35	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.018	ug/L	0.088	0.018	1	12/14/16 08:18	12/14/16 14:35	193-39-5	
1-Methylnaphthalene	0.012J	ug/L	0.030	0.0059	1	12/14/16 08:18	12/14/16 14:35	90-12-0	
2-Methylnaphthalene	0.0074J	ug/L	0.024	0.0049	1	12/14/16 08:18	12/14/16 14:35	91-57-6	
Naphthalene	<0.018	ug/L	0.092	0.018	1	12/14/16 08:18	12/14/16 14:35	91-20-3	
Phenanthrene	<0.014	ug/L	0.069	0.014	1	12/14/16 08:18	12/14/16 14:35	85-01-8	
Pyrene	<0.0076	ug/L	0.038	0.0076	1	12/14/16 08:18	12/14/16 14:35	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	25-130		1	12/14/16 08:18	12/14/16 14:35	321-60-8	
Terphenyl-d14 (S)	108	%	13-158		1	12/14/16 08:18	12/14/16 14:35	1718-51-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

QC Batch:	243877	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	40143284001, 40143284002, 40143284003, 40143284004, 40143284005, 40143284006, 40143284007, 40143284008		

METHOD BLANK: 1444883 Matrix: Water
Associated Lab Samples: 40143284001, 40143284002, 40143284003, 40143284004, 40143284005, 40143284006, 40143284007, 40143284008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	12/14/16 10:46	
1,1-Dichloroethane	ug/L	<0.24	1.0	12/14/16 10:46	
1,1-Dichloroethene	ug/L	<0.41	1.0	12/14/16 10:46	
Tetrachloroethene	ug/L	<0.50	1.0	12/14/16 10:46	
Trichloroethene	ug/L	<0.33	1.0	12/14/16 10:46	
4-Bromofluorobenzene (S)	%	93	70-130	12/14/16 10:46	
Dibromofluoromethane (S)	%	104	70-130	12/14/16 10:46	
Toluene-d8 (S)	%	94	70-130	12/14/16 10:46	

LABORATORY CONTROL SAMPLE: 1444884

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.9	114	70-131	
1,1-Dichloroethane	ug/L	50	70.9	142	70-133 L0	
1,1-Dichloroethene	ug/L	50	57.3	115	70-130	
Tetrachloroethene	ug/L	50	43.0	86	70-138	
Trichloroethene	ug/L	50	49.2	98	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			107	70-130	
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1445848 1445849

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40143284002 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	58.8	63.2	118	126	70-134	7	20
1,1-Dichloroethane	ug/L	<0.24	50	50	58.5	61.5	117	123	70-134	5	20
1,1-Dichloroethene	ug/L	<0.41	50	50	58.6	65.0	117	130	68-136	10	20
Tetrachloroethene	ug/L	<0.50	50	50	45.7	48.0	91	96	70-148	5	20
Trichloroethene	ug/L	2.0	50	50	53.8	58.8	104	114	70-131	9	20
4-Bromofluorobenzene (S)	%						98	96	70-130		
Dibromofluoromethane (S)	%						110	111	70-130		
Toluene-d8 (S)	%						95	92	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND
Pace Project No.: 40143284

QC Batch: 244133 Analysis Method: EPA 8270 by HVI
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH by HVI
Associated Lab Samples: 40143284011

METHOD BLANK: 1445810 Matrix: Water
Associated Lab Samples: 40143284011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	12/14/16 11:36	
2-Methylnaphthalene	ug/L	<0.0049	0.024	12/14/16 11:36	
Acenaphthene	ug/L	<0.0061	0.030	12/14/16 11:36	
Acenaphthylene	ug/L	<0.0050	0.025	12/14/16 11:36	
Anthracene	ug/L	<0.010	0.052	12/14/16 11:36	
Benzo(a)anthracene	ug/L	<0.0076	0.038	12/14/16 11:36	
Benzo(a)pyrene	ug/L	<0.011	0.053	12/14/16 11:36	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	12/14/16 11:36	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	12/14/16 11:36	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	12/14/16 11:36	
Chrysene	ug/L	<0.013	0.065	12/14/16 11:36	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	12/14/16 11:36	
Fluoranthene	ug/L	<0.011	0.053	12/14/16 11:36	
Fluorene	ug/L	<0.0080	0.040	12/14/16 11:36	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	12/14/16 11:36	
Naphthalene	ug/L	<0.018	0.092	12/14/16 11:36	
Phenanthrene	ug/L	<0.014	0.069	12/14/16 11:36	
Pyrene	ug/L	<0.0076	0.038	12/14/16 11:36	
2-Fluorobiphenyl (S)	%	69	25-130	12/14/16 11:36	
Terphenyl-d14 (S)	%	119	13-158	12/14/16 11:36	

LABORATORY CONTROL SAMPLE: 1445811

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.2	62	35-130	
2-Methylnaphthalene	ug/L	2	1.3	65	36-130	
Acenaphthene	ug/L	2	1.4	69	41-130	
Acenaphthylene	ug/L	2	1.2	61	41-130	
Anthracene	ug/L	2	1.8	91	38-130	
Benzo(a)anthracene	ug/L	2	1.6	79	49-130	
Benzo(a)pyrene	ug/L	2	1.8	89	69-143	
Benzo(b)fluoranthene	ug/L	2	2.2	111	63-146	
Benzo(g,h,i)perylene	ug/L	2	1.0	50	10-145	
Benzo(k)fluoranthene	ug/L	2	2.2	108	64-152	
Chrysene	ug/L	2	2.4	118	64-156	
Dibenz(a,h)anthracene	ug/L	2	0.80	40	10-143	
Fluoranthene	ug/L	2	2.0	101	54-134	
Fluorene	ug/L	2	1.4	72	44-130	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.6	79	39-140	
Naphthalene	ug/L	2	1.3	63	35-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

LABORATORY CONTROL SAMPLE: 1445811

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	2	2.0	99	51-130	
Pyrene	ug/L	2	2.0	98	61-140	
2-Fluorobiphenyl (S)	%			72	25-130	
Terphenyl-d14 (S)	%			122	13-158	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1445812 1445813

Parameter	Units	40143284011		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
1-Methylnaphthalene	ug/L	0.012J	2	2	1.3	1.1	62	56	16-130	10	30		
2-Methylnaphthalene	ug/L	0.0074J	2	2	1.3	1.2	63	60	33-130	5	30		
Acenaphthene	ug/L	0.040	2	2	1.4	1.2	66	57	29-130	14	27		
Acenaphthylene	ug/L	<0.0050	2	2	1.1	1.0	56	50	33-130	12	27		
Anthracene	ug/L	<0.010	2	2	1.4	1.1	70	55	26-130	24	31		
Benzo(a)anthracene	ug/L	<0.0076	2	2	1.4	1.3	70	65	27-130	8	36		
Benzo(a)pyrene	ug/L	<0.011	2	2	1.2	1.1	60	57	16-151	5	44		
Benzo(b)fluoranthene	ug/L	<0.0057	2	2	1.4	1.4	71	72	30-142	1	41		
Benzo(g,h,i)perylene	ug/L	<0.0068	2	2	0.56	0.53	28	27	10-130	4	50		
Benzo(k)fluoranthene	ug/L	<0.0076	2	2	1.2	1.2	60	60	24-152	0	41		
Chrysene	ug/L	<0.013	2	2	1.7	1.7	87	83	40-152	5	33		
Dibenz(a,h)anthracene	ug/L	<0.010	2	2	0.49	0.46	24	23	10-130	6	50		
Fluoranthene	ug/L	<0.011	2	2	1.5	1.4	75	70	39-140	8	30		
Fluorene	ug/L	0.018J	2	2	1.4	1.2	68	58	35-130	16	26		
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	2	2	0.75	0.66	37	33	10-130	12	50		
Naphthalene	ug/L	<0.018	2	2	1.2	1.2	61	59	29-130	3	31		
Phenanthrene	ug/L	<0.014	2	2	1.6	1.3	78	66	48-130	16	25		
Pyrene	ug/L	<0.0076	2	2	1.7	1.5	86	77	42-143	11	25		
2-Fluorobiphenyl (S)	%						69	60	25-130				
Terphenyl-d14 (S)	%						94	91	13-158				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: 244144

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

[1] Requested compound is not in the spike mix, nearest compound had acceptable spike recoveries

ANALYTE QUALIFIERS

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 34283.000 NATIONAL PRESTO IND

Pace Project No.: 40143284

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40143284004	RW-3C	EPA 3510	244127	EPA 8270	244144
40143284009	RW-16	EPA 3510	244127	EPA 8270	244144
40143284010	MW-52B	EPA 3510	244127	EPA 8270	244144
40143284011	MH-18	EPA 3510	244133	EPA 8270 by HVI	244191
40143284001	EC-1	EPA 8260	243877		
40143284002	RW-3A	EPA 8260	243877		
40143284003	RW-3B	EPA 8260	243877		
40143284004	RW-3C	EPA 8260	243877		
40143284005	MW-45B	EPA 8260	243877		
40143284006	MW-45B DUP	EPA 8260	243877		
40143284007	MW-45C	EPA 8260	243877		
40143284008	MW-26B	EPA 8260	243877		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

(Please Print Clearly)

Company Name: **Gannett Fleming**
 Branch/Location: **MADISON, WI**
 Project Contact: **Dave Orig**
 Phone: **608-836-1500**
 Project Number: **34283.000**
 Project Name: **National Presto Ind**
 Project State: **WI**
 Sampled By (Print): **Marcus Mussey**
 Sampled By (Sign): *[Signature]*



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

40143284

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	N	N	N																	
Pick Letter	B	A	A																	
Analyses Requested	VOCs	NPI Short List	1,4-Dioxane	PAH	8270															

PO #: _____ Regulatory Program: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	EC-1	12-7	940	GW
002	RW-3A		1010	
003	RW-3B		1015	
004	RW-3C		1020	
005	MW-45B		1035	
006	MW-45B Dup		1035	
007	MW-45C		1040	
008	MW-26B		1120	
009	RW-16		1100	
010	MW-52B		820	
011	MH-18		1130	

Quote #: _____
 Mail To Contact: _____
 Mail To Company: _____
 Mail To Address: _____
 Invoice To Contact: _____
 Invoice To Company: _____
 Invoice To Address: _____
 Invoice To Phone: _____

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	3-40ml ^B	
	2-1Lag ^A	
	2-1Lag ^A	
	2-300mlag ^A	

Rush Turnaround Time Requested - Prelims
 (Rush TAT subject to approval/surcharge)
 Date Needed: _____

Transmit Prelim Rush Results by (complete what you want): _____

Email #1: _____
 Email #2: _____
 Telephone: _____
 Fax: _____

Samples on HOLD are subject to special pricing and release of liability

Relinquished By: *[Signature]* Date/Time: 12-8, 1200
 Relinquished By: CS Logistics Date/Time: 12/9/16 0955
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____
 Received By: *[Signature]* Date/Time: 12/9/16 0955
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No. 40143284
 Receipt Temp = 80.2 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Intact / Not Intact

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Project #

WO#: 40143284

Client Name: Gannett Fleming

Courier: Fed Ex UPS Client Pace Other: CS Logistics

Tracking #: 795120716



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used: NA Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature: Uncorr: ROJ /Corr: Biological Tissue is Frozen: yes no

Temp Blank Present: yes no

Person examining contents:
Date: 12/19/16
Initials: BB

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. all collect dates are 12/7 BH 12/19/16
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. 004 1-40ml vials no ID matched by pairing in shipping BH 12/19/16
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤ 2; NaOH + ZnAct ≥ 9, NaOH ≥ 12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions (VOA coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: Date/Time:

Comments/ Resolution: (1) and tracking # damaged during shipping, unreadable BH 12/19/16

Project Manager Review:

AMH for DM

Date:

12/19/16