



November 14, 2017

Steve Klinke  
Klinke Cleaners  
4518 Monona Drive  
Madison, Wisconsin 53716

**Subject: Groundwater Monitoring Summary Report  
Klinke Cleaners  
4518 Monona Drive  
Madison, Wisconsin  
BRRTS# 02-13-551928**

Dear Mr. Klinke:

EnviroForensics, LLC (EnviroForensics) is pleased to provide this *Groundwater Monitoring Summary Report* for the Klinke Cleaners site located at 4518 Monona Drive in Madison, Wisconsin (Site). Site characterization and remediation activities are being conducted by EnviroForensics as required by the Wisconsin Department of Natural Resources (WDNR) per the NR 700 rule series of the Wisconsin Administrative Code (WAC).

EnviroForensics conducted the groundwater monitoring activities in accordance with the *Long-Term Groundwater Monitoring Plan*, dated August 11, 2017. The objectives of long-term groundwater monitoring are to:

- Evaluate performance of the groundwater remedy; and
- Demonstrate that the groundwater plume is not expanding.

## **BACKGROUND**

The stratigraphy encountered at the Site consists of unconsolidated sediment overlying Cambrian sandstones and dolostones. The unconsolidated sediment encountered at the Site is primarily silt and clay overlying sand and gravel at some locations below 4 feet below ground surface (bgs). Bedrock is encountered at roughly 7 to 11 feet below ground surface (bgs) and is comprised of poorly cemented silty sandstone that transitions into dolomitic siltstone, followed by sandstone with interbedded siltstone and glauconitic attributes. The water table is typically encountered at approximately 50 feet bgs at the Site.

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The contaminants of concern (COCs) at the Site are the dry cleaning solvent tetrachloroethene (PCE) and its associated degradation products. Remedial actions were implemented to address subsurface contamination resulting from the release of PCE. The remedial actions selected for the Site were:

- Soil (and rock) vapor extraction (SVE);
- In-situ sorption and biodegradation using PlumeStop®; and
- Bio-augmented enhanced reductive dechlorination (ERD).

The SVE system has been operating since January 2016, and has removed more than 500 pounds of PCE. The full-scale injection of PlumeStop® and ERD products occurred during July and August 2016, and limited post-injection monitoring indicated consistent reductions in groundwater PCE concentrations.

In addition to the selected remedial actions, contaminant mass was also removed via an interim action excavation completed in 2010 and soil removal that occurred during reconstruction of Monona Drive in 2013. The timing of remedial actions with respect to groundwater concentration trends at select monitoring wells is depicted in the charts in **Attachment 1**.

## **GROUNDWATER MONITORING ACTIVITIES**

Groundwater monitoring activities were performed by EnviroForensics during October 2-3, 2017 and included groundwater elevation measurements and sample collection from the Fall 2017 monitoring well list presented in **Table 1**. The locations of the monitoring wells are shown on **Figure 1** and monitoring well construction details are provided on **Table 2**.

### **Groundwater Elevation Measurements**

Monitoring well covers and caps were removed at least 15 minutes prior to collecting groundwater elevation measurements to allow groundwater in the monitoring wells to equilibrate with atmospheric pressure. The depth to water in each well was measured to the nearest 0.01 feet using an electronic water level indicator and recorded on the Groundwater Field Sampling Forms (**Attachment 2**).

### **Groundwater Sampling**

Groundwater purging and sample collection from the monitoring wells was conducted using standard low-flow methods according to the WDNR Groundwater Sampling Field Manual (PUBL-DG-038). The 2-inch diameter monitoring wells were purged and sampled using a bladder pump. The continuous multi-channel tubing (CMT) well was purged and sampled using a Solinst® Model 408M micro double-valve pump manufactured specifically for CMT sampling applications. Geochemical parameters were measured during purging using a multi-parameter

water quality meter equipped with a flow-through cell apparatus. The parameters measured included pH, oxidation-reduction potential (ORP), specific conductivity, temperature, turbidity, and dissolved oxygen. Water quality parameters were monitored throughout purging to verify stabilization prior to groundwater sample collection. Water quality data was recorded on the Groundwater Field Sampling Forms presented in **Attachment 2**.

Following purging, groundwater samples were discharged directly into laboratory provided containers. Samples were immediately placed into a cooler containing ice pending lab provided courier transport to the laboratory for analysis. Two (2) duplicate samples, two (2) equipment blank samples, and one (1) trip blank sample were analyzed for quality assurance/ quality control (QA/QC) purposes. A total of 16 groundwater samples and the QA/QC samples were submitted to Synergy Environmental Lab, Inc. for analysis of VOCs according to EPA Method 8260.

Purge water was pumped through the existing carbon treatment vessel associated with the SVE System located on site and discharged to the sanitary sewer under a City of Madison permit.

## **INVESTIGATION RESULTS**

### **Groundwater Elevation and Flow Direction**

Groundwater elevation data collected on October 2, 2017 are summarized in **Table 3**. Previous data collected since 2010 are included in **Table 3** for reference. Groundwater elevations have been exhibiting an upward trend since 2015. The elevations measured on October 2, 2017 were the highest recorded since the monitoring wells were installed. Spring and early summer 2017 was particularly wet in southern Wisconsin, and the high water table may be a result of enhanced recharge to the bedrock aquifer. The groundwater flow direction will be re-assessed during the next monitoring event when groundwater elevations are measured across the entire monitoring well network.

### **Groundwater Analytical Results**

Groundwater analytical data are summarized on **Table 4** and **Figure 2**, and the complete laboratory report is provided in **Attachment 3**. Previous analytical data reported since 2010 are included in **Table 4** for reference. VOC concentrations are compared to public health criteria listed in WAC Chapter NR 140.

Compounds that were detected at concentrations exceeding enforcement standards (ESs) in one or more samples were PCE, cis-1,2-Dichloroethene, and vinyl chloride. Trichloroethene (TCE) was detected in a few samples at concentrations above the preventive action limit (PAL) but below the ES. No other compounds were detected at concentrations above public health criteria

with the exception of benzene in MW-1. Benzene is not related to PCE or any dry cleaning operations.

PCE was detected in nine (9) of the 11 samples at concentrations exceeding the ES of 5 micrograms per liter ( $\mu\text{g/L}$ ). The PCE concentrations ranged from 4.1  $\mu\text{g/L}$  in MW-8 (40.6-55.6 feet bgs) to 210  $\mu\text{g/L}$  in MW-9 (55-65 feet bgs). Duplicate and field blank results associated with this monitoring event demonstrate that the sampling and decontamination methods did not affect analytical data quality.

### Concentration Trends

Charts depicting PCE or VOC concentration trends in select monitoring wells are presented in **Attachment 1**. The timing of implementation of remedial actions is shown on the charts for reference. The following trends in the monitoring data have been identified:

- The PCE concentrations in on-Site monitoring wells (MW-1 through MW-4; MW-7; and CMT-3 Port 2) have decreased between 85 and 99% following remedial actions.
- All of the off-Site monitoring wells sampling during October 2017 exhibited a decrease in PCE concentration, including distant wells MW-18 and MW-22.
- The PCE concentration in source area monitoring well MW-1 has decreased more than two orders of magnitude from 8,930  $\mu\text{g/L}$  in 2010 to 43.1  $\mu\text{g/L}$ .
- The detections of PCE daughter compounds cis-1,2-dichloroethene and vinyl chloride in several wells demonstrate that reductive dechlorination is continuing to occur as a result of injection of ERD substrates.

### CONCLUSIONS

The October 2017 groundwater monitoring data demonstrate that the combination of remedial actions implemented at the Site (i.e., SVE, sorption and biodegradation, and ERD) have significantly reduced the concentrations of VOCs in groundwater. The data also indicates that the remediation products injected in 2016 have sustained aquifer conditions that promote contaminant capture and reductive dechlorination processes.

The next monitoring event will be conducted in April 2018. Groundwater samples will be collected from the monitoring wells in the 'Spring 2018' list in **Table 1**. In addition, groundwater elevations will be measured at all monitoring wells to confirm groundwater flow direction.

The SVE system has been operating for nearly two (2) years, and has been very effective in removing contaminant mass. The recent exhaust sampling data shows a decreasing trend in VOC vapor concentrations, indicating that system efficiency is decreasing as less mass is present in the subsurface. Intermittent operation may be prudent in the coming months, followed by system shutdown in 2018.

We appreciate the opportunity to submit this Groundwater Monitoring Summary Report and look forward to continuing to provide services on this project. Please contact us if you have any questions.

Sincerely,  
**EnviroForensics, LLC**



Brian Kappen, PG  
*Project Manager*



Brad Lewis, CHMM  
*Senior Project Manager*

cc: Mike Schmoller, Wisconsin Department of Natural Resources

#### Attachments

#### List of Attachments:

- Table 1: Long-Term Monitoring Well Sample Schedule
- Table 2: Monitoring Well Construction Summary
- Table 3: Groundwater Elevation Summary
- Table 4: Summary of Groundwater Analytical Results
  
- Figure 1: Site Layout Map
- Figure 2: Monitoring Well Groundwater Analytical Results – October 2017
  
- Attachment 1: Groundwater VOC Concentration Trend Charts
- Attachment 2: Groundwater Field Sampling Forms
- Attachment 3: Laboratory Analytical Report

## **TABLES**

**TABLE 1  
LONG-TERM MONITORING WELL SAMPLING SCHEDULE**

Klinke Clothing Care, Inc.  
Madison, Wisconsin

Monitoring Well I.D.	Top of Casing Elevation (feet amsl)	Port #	Total Depth (feet bgs)	Screened Interval (feet bgs)	Fall 2017	Spring 2018	Fall 2018	Spring 2019	Spring 2020	Closure
MW-1	901.59	NA	57.6	47.6 - 57.6	X	X	X	X	X	X
MW-2	901.10	NA	57.6	47.6 - 57.6	X	X	X	X	X	X
MW-3	900.66	NA	57.0	47.0 - 57.0	X	X	X	X	X	X
MW-4	901.03	NA	57.8	47.8 - 57.8	X	X	X	X	X	X
MW-5	900.18	NA	58.5	43.5 - 58.5	X	X	X	X	X	X
MW-6	899.58	NA	57.4	42.4 - 57.4		X		X	X	X
MW-7	899.68	NA	57.3	42.3 - 57.3	X	X	X	X	X	X
MW-8	896.70	NA	55.6	40.6 - 55.6	X	X	X	X	X	X
MW-9	904.25	NA	65.0	50.0 - 65.0	X	X	X	X	X	X
MW-13	898.12	NA	54.9	44.9 - 54.9		X		X	X	X
MW-14	896.52	NA	54.9	44.9 - 54.9		X		X	X	X
MW-15	896.99	NA	81.2	71.2 - 81.2						X
MW-16	897.96	NA	81.2	71.2 - 81.2		X		X	X	X
MW-17	887.59	NA	76.1	66.1 - 76.1						X
MW-18A	889.39	NA	60.0	50.0 - 60.0		X				X
MW-18	889.11	NA	90.9	80.9 - 90.9	X	X	X	X	X	X
MW-18C	889.52	NA	115.0	105.0 - 115.0		X				X
MW-19	876.17	NA	85.2	75.2 - 85.2						X
MW-20	850.92	NA	54.6	44.6 - 54.6						X
MW-21	852.83	NA	52.7	42.7 - 52.7		X		X	X	X
MW-22A	867.65	NA	37.9	27.9 - 37.9		X		X	X	X
MW-22	867.68	NA	63.4	53.4 - 63.4	X	X	X	X	X	X
MW-22C	867.48	NA	89.9	79.9 - 89.9		X		X	X	X
MW-23A	867.60	NA	37.7	27.7 - 37.7		X		X	X	X
MW-23B	867.70	NA	62.3	52.3 - 62.3						X
MW-23C	867.64	NA	93.0	83.0 - 93.0						X
MW-24A	876.28	NA	46.9	36.9 - 46.9						X
MW-24B	876.43	NA	71.7	61.7 - 71.7						X
MW-24C	876.18	NA	101.7	91.7 - 101.7						X
CMT-3	900.29	2	55.4	50.4 - 55.4	X		X			X
		3	75.3	70.3 - 75.3						X
		4	93.5	88.5 - 93.5						
		5	Obstructed							
		6	Obstructed							
		7	167.2	167.1 - 167.2						
CMT-10	891.41	1	65.8	60.8 - 65.8						
		2	87.8	82.8 - 87.8		X		X	X	X
		3	109.6	104.6 - 109.6						
		4	131.5	126.5 - 131.5		X				X
		5	153.6	148.6 - 153.6						
		6	175.0	170.0 - 175.0		X				X
		7	193.6	193.5 - 193.6						
CMT-11	901.72	2	57.8	52.8 - 57.8		X		X	X	X
		3	85.7	80.7 - 85.7						
		4	115.4	110.4 - 115.4		X				X
		5	146.8	141.8 - 146.8						
		6	176.9	171.9 - 176.9		X				X
		7	200.0	199.9 - 200.0						
CMT-12	899.90	2	55.1	50.1 - 55.1		X		X	X	X
		3	84.4	79.4 - 84.4						
		4	117.8	112.8 - 117.8		X				X
		5	143.1	138.1 - 143.1						
		6	172.8	167.8 - 172.8		X				X
		7	200.0	199.9 - 200.0						
<b>Total Samples</b>					<b>11</b>	<b>29</b>	<b>11</b>	<b>21</b>	<b>21</b>	<b>40</b>

**Notes:**

bgs = below ground surface

amsl = feet above mean sea level

X = Sample collected for VOC analysis

**TABLE 2**  
**MONITORING WELL CONSTRUCTION DETAILS**

Klinke Clothing Care, Inc.  
4518 Monona Drive, Madison, Wisconsin

Monitoring Well I.D.	Installation Date	Drilling Method	Drilling Contractor	Northing <sup>1,2</sup>	Easting <sup>1,2</sup>	Well Diameter (inches)	Top of Casing Elevation (feet amsl)	Ground Elevation (feet amsl)	Port #	Total Depth (feet bgs)	Screened Interval (feet bgs)	Screened Interval (feet amsl)
MW-1	10/13/2010	HSA/ Air Rotary	Badger State Drilling	391,099.86	2,148,770.95	2	901.59	901.98	NA	57.6	47.6 - 57.6	854.4 - 844.4
MW-2	10/14/2010	HSA/ Air Rotary	Badger State Drilling	391,051.20	2,148,884.82	2	901.10	901.47	NA	57.6	47.6 - 57.6	853.9 - 843.9
MW-3	10/14/2010	HSA/ Air Rotary	Badger State Drilling	390,994.20	2,148,778.42	2	900.66	900.92	NA	57.0	47.0 - 57.0	853.9 - 843.9
MW-4	10/15/2010	HSA/ Air Rotary	Badger State Drilling	391,047.96	2,148,675.35	2	901.03	901.63	NA	57.8	47.8 - 57.8	853.8 - 843.8
MW-5	6/10/2011	HSA/ Air Rotary	Badger State Drilling	391,244.16	2,148,762.05	2	900.18	900.56	NA	58.5	43.5 - 58.5	857.1 - 842.1
MW-6	6/13/2011	HSA/ Air Rotary	Badger State Drilling	390,955.00	2,148,987.92	2	899.58	899.90	NA	57.4	42.4 - 57.4	857.5 - 842.5
MW-7	6/16/2011	HSA/ Air Rotary	Badger State Drilling	390,880.86	2,148,691.15	2	899.68	899.96	NA	57.3	42.3 - 57.3	857.7 - 842.7
MW-8	6/14/2011	HSA/ Air Rotary	Badger State Drilling	390,807.71	2,148,531.08	2	896.70	897.06	NA	55.6	40.6 - 55.6	856.4 - 841.4
MW-9	6/15/2011	HSA/ Air Rotary	Badger State Drilling	391,194.39	2,148,530.08	2	904.25	904.71	NA	65.0	50.0 - 65.0	854.7 - 839.7
MW-13	11/21/2014	HSA/ Air Rotary	Badger State Drilling	390,624.08	2,148,841.77	2	898.12	898.60	NA	54.9	44.9 - 54.9	853.7 - 843.7
MW-14	12/12/2014	HSA/ Air Rotary	Badger State Drilling	390,799.26	2,149,085.24	2	896.52	896.81	NA	54.9	44.9 - 54.9	852.0 - 842.0
MW-15	11/18/2014	HSA/ Mud Rotary	Badger State Drilling	391,692.09	2,148,662.28	2	896.99	897.32	NA	81.2	71.2 - 81.2	826.1 - 816.1
MW-16	11/13/2014	HSA/ Mud Rotary	Badger State Drilling	391,118.71	2,148,256.75	2	897.96	898.26	NA	81.2	71.2 - 81.2	827.1 - 817.1
MW-17	11/13/2014	HSA/ Mud Rotary	Badger State Drilling	390,951.91	2,147,980.45	2	887.59	887.88	NA	76.1	66.1 - 76.1	821.8 - 811.8
MW-18A	2/12/2015	Mud Rotary	Ground Source	391,746.00	2,148,196.82	1	889.39	889.83	NA	60.0	50.0 - 60.0	839.8 - 829.8
MW-18	11/11/2014	HSA/ Mud Rotary	Badger State Drilling	391,746.13	2,148,191.74	2	889.11	889.65	NA	90.9	80.9 - 90.9	808.8 - 798.8
MW-18C	2/12/2015	Mud Rotary	Ground Source	391,746.00	2,148,196.82	1	889.52	889.83	NA	115.0	105.0 - 115.0	784.9 - 774.9
MW-19	11/26/2014	HSA/ Mud Rotary	Badger State Drilling	391,186.98	2,147,615.60	2	876.17	876.48	NA	85.2	75.2 - 85.2	801.3 - 791.3
MW-20	11/20/2014	HSA/ Mud Rotary	Badger State Drilling	391,494.44	2,147,230.72	2	850.92	851.21	NA	54.6	44.6 - 54.6	806.6 - 796.6
MW-21	11/14/2014	HSA/ Mud Rotary	Badger State Drilling	391,720.95	2,147,457.85	2	852.83	853.27	NA	52.7	42.7 - 52.7	810.5 - 800.5
MW-22A	2/13/2015	Mud Rotary	Ground Source	392,302.62	2,147,903.85	1	867.65	867.89	NA	37.9	27.9 - 37.9	840.0 - 830.0
MW-22	12/9/2014	HSA/ Mud Rotary	Badger State Drilling	392,309.85	2,147,908.95	2	867.68	867.98	NA	63.4	53.4 - 63.4	814.6 - 804.6
MW-22C	2/13/2015	Mud Rotary	Ground Source	392,302.62	2,147,903.85	1	867.48	867.89	NA	89.9	79.9 - 89.9	788.0 - 778.0
MW-23A	2/10/2015	Mud Rotary	Ground Source	392,748.14	2,148,110.38	1	867.60	867.90	NA	37.7	27.7 - 37.7	840.2 - 830.2
MW-23B	2/10/2015	Mud Rotary	Ground Source	392,748.14	2,148,110.38	1	867.70	867.90	NA	62.3	52.3 - 62.3	815.6 - 805.6
MW-23C	2/10/2015	Mud Rotary	Ground Source	392,748.14	2,148,110.38	1	867.64	867.90	NA	93.0	83.0 - 93.0	784.9 - 774.9
MW-24A	2/16/2015	Mud Rotary	Ground Source	392,429.11	2,148,499.41	1	876.28	876.67	NA	46.9	36.9 - 46.9	839.8 - 829.8
MW-24B	2/16/2015	Mud Rotary	Ground Source	392,429.11	2,148,499.41	1	876.43	876.67	NA	71.7	61.7 - 71.7	815.0 - 805.0
MW-24C	2/16/2015	Mud Rotary	Ground Source	392,429.11	2,148,499.41	1	876.18	876.67	NA	101.7	91.7 - 101.7	785.0 - 775.0
CMT-3	10/19/2013	Sonic	Major Drilling	390,958.49	2,148,754.86	0.375	900.29	900.81	2	55.4	50.4 - 55.4	850.5 - 845.5
									3	75.3	70.3 - 75.3	830.5 - 825.5
									4	93.5	88.5 - 93.5	812.4 - 807.4
									5	Obstructed		
									6	Obstructed		
7	167.2	167.1 - 167.2	733.7 - 733.6									
CMT-10	11/3/2013	Sonic	Major Drilling	391,356.83	2,147,958.68	0.375	891.41	892.10	1	65.8	60.8 - 65.8	831.3 - 826.3
									2	87.8	82.8 - 87.8	809.3 - 804.3
									3	109.6	104.6 - 109.6	787.5 - 782.5
									4	131.5	126.5 - 131.5	765.6 - 760.6
									5	153.6	148.6 - 153.6	743.5 - 738.5
									6	175.0	170.0 - 175.0	722.1 - 717.1
									7	193.6	193.5 - 193.6	698.6 - 698.5
CMT-11	12/5/2013	Mud Rotary	North Star Drilling	391,004.06	2,148,955.36	0.375	901.72	901.87	2	57.8	52.8 - 57.8	849.1 - 844.1
									3	85.7	80.7 - 85.7	821.2 - 816.2
									4	115.4	110.4 - 115.4	791.5 - 786.5
									5	146.8	141.8 - 146.8	760.1 - 755.1
									6	176.9	171.9 - 176.9	730.0 - 725.0
									7	200.0	199.9 - 200.0	702.0 - 701.9
									CMT-12	12/11/2013	Mud Rotary	North Star Drilling
3	84.4	79.4 - 84.4	820.8 - 815.8									
4	117.8	112.8 - 117.8	787.4 - 782.4									
5	143.1	138.1 - 143.1	762.1 - 757.1									
6	172.8	167.8 - 172.8	732.4 - 727.4									
7	200.0	199.9 - 200.0	700.3 - 700.2									

**Notes:**

<sup>1</sup> Wisconsin State Plane, Southern Zone, NAD83

<sup>2</sup> The coordinates listed for MW-1 through MW-7 are estimatec

bgs = below ground surface

amsl = feet above mean sea level

HSA = Hollow-stem auger

NA = Not Applicable



**TABLE 3**  
**GROUNDWATER ELEVATION DATA SUMMARY**

Klinke Clothing Care, Inc.  
4518 Monona Drive, Madison, Wisconsin

Monitoring Well I.D.	Screen Depth (feet)	Date	Top of Casing Elevation (amsl)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-1	47.6-57.6	10/15/2010	901.59	49.71	851.88
		1/18/2011		51.27	850.32
		6/22/2011		49.17	852.42
		9/29/2011		52.33	849.26
		4/2/2012		53.53	848.06
		1/13/2014		52.76	848.83
		8/13/2014		49.98	851.61
		1/15/2015		51.61	849.98
		2/20/2015		52.68	848.91
		10/4/2016		49.83	851.76
		3/8/2017		50.74	850.85
10/2/2017	46.77	854.82			
MW-2	47.6-57.6	10/15/2010	901.10	49.14	851.96
		1/18/2011		50.68	850.42
		6/22/2011		49.54	851.56
		9/29/2011		51.72	849.38
		4/2/2012		52.97	848.13
		1/13/2014		52.25	848.85
		8/13/2014		49.35	851.75
		1/15/2015		51.41	849.69
		2/20/2015		52.13	848.97
		10/4/2016		49.88	851.22
		3/7/2017		49.19	851.91
10/2/2017	47.09	854.01			
MW-3	47.0-57.0	10/15/2010	900.66	48.72	851.94
		1/18/2011		50.30	850.36
		6/22/2011		49.11	851.55
		9/29/2011		51.33	849.33
		4/2/2012		52.59	848.07
		1/13/2014		51.85	848.81
		8/13/2014		48.98	851.68
		1/15/2015		51.02	849.64
		2/20/2015		51.76	848.90
		10/4/2016		49.17	851.49
		3/8/2017		48.52	852.14
10/2/2017	46.82	853.84			
MW-4	47.8-57.8	10/15/2010	901.03	49.25	851.78
		1/18/2011		50.73	850.30
		6/22/2011		49.58	851.45
		9/29/2011		51.79	849.24
		4/2/2012		52.97	848.06
		1/13/2014		51.96	849.07
		8/13/2014		49.43	851.60
		1/15/2015		51.45	849.58
		2/20/2015		52.15	848.88
		10/4/2016		49.78	851.25
		3/8/2017		49.18	851.85
10/2/2017	47.31	853.72			
MW-5	43.5-58.5	6/15/2011	900.18	49.02	851.16
		6/22/2011		49.18	851.00
		9/29/2011		51.20	848.98
		4/2/2012		52.39	847.79
		1/13/2014		51.75	848.43
		8/13/2014		48.98	851.20
		1/15/2015		50.56	849.62
		2/20/2015		51.61	848.57
		10/4/2016		49.18	851.00
		3/8/2017		48.52	851.66
		10/2/2017		46.65	853.53
MW-7	42.3-57.3	6/15/2011	899.68	47.99	851.69
		6/22/2011		48.04	851.64
		9/29/2011		50.19	849.49
		4/2/2012		51.44	848.24
		1/13/2014		50.78	848.90
		8/13/2014		47.81	851.87
		1/15/2015		49.61	850.07
		2/20/2015		50.64	849.04
		10/4/2016		48.35	851.33
		3/8/2017		47.67	852.01
		10/2/2017		45.71	853.97

**TABLE 3**  
**GROUNDWATER ELEVATION DATA SUMMARY**

Klinke Clothing Care, Inc.  
4518 Monona Drive, Madison, Wisconsin

Monitoring Well I.D.	Screen Depth (feet)	Date	Top of Casing Elevation (amsl)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-8	40.6-55.6	6/15/2011	896.70	44.75	851.95
		6/22/2011		45.02	851.68
		9/29/2011		45.38	851.32
		4/2/2012		48.55	848.15
		1/13/2014		Not Located	
		8/13/2014		Not Located	
		12/16/2014		45.73	850.97
		1/15/2015		45.97	850.73
		2/20/2015		46.16	850.54
		10/4/2016		44.58	852.12
		3/8/2017		44.36	852.34
		10/2/2017		42.77	853.93
MW-9	50.0-65.0	6/15/2011	904.25	54.70	849.55
		6/22/2011		54.73	849.52
		9/29/2011		56.66	847.59
		4/2/2012		57.66	846.59
		1/13/2014		Not Located	
		8/13/2014		Not Located	
		12/16/2014		55.09	849.16
		1/15/2015		55.33	848.92
		2/20/2015		56.20	848.05
		10/4/2016		53.99	850.26
		3/8/2017		53.18	851.07
		10/2/2017		50.43	853.82
MW-18	80.9-90.9	12/16/2014	889.11	41.31	847.80
		1/15/2015		41.54	847.57
		2/20/2015		42.22	846.89
		10/4/2016		40.31	848.80
		10/2/2017		39.14	849.97
MW-22	53.4-63.4	12/16/2014	867.68	20.49	847.19
		1/15/2015		20.69	846.99
		2/20/2015		21.28	846.40
		10/2/2017		18.27	849.41
CMT-3	2 (50.4-55.4)	1/13/2014	900.29	51.46	848.83
		8/13/2014		48.73	851.56
		12/16/2014		49.57	850.72
		1/15/2015		50.45	849.84
		2/20/2015		51.52	848.77
		10/4/2016		48.99	851.30
		3/7/2017		48.64	851.65
10/2/2017	46.67	853.62			

**Notes:**

ft bgs = feet below ground surface  
amsl = feet above mean sea level

**TABLE 4**  
**SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS**

Klinke Clothing Care, Inc.  
4518 Monona Drive, Madison, Wisconsin

Monitoring Well Sample ID	Screen Depth (feet)	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Acetone	Benzene	Bromodichloromethane	Bromoform	Chloroform	Cyclohexane	Dibromochloromethane	1,2-Dibromoethane	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	4-Methyl-2-pentanone	Methylene Chloride	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Toluene	Total Xylenes	
<b>Public Health Enforcement Standard (ug/l)</b>			<b>5</b>	<b>5</b>	<b>70</b>	<b>100</b>	<b>0.2</b>	<b>9,000</b>	<b>5</b>	<b>0.6</b>	<b>4.4</b>	<b>6</b>	<b>NE</b>	<b>60</b>	<b>0.05</b>	<b>5</b>	<b>700</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>5</b>	<b>200</b>	<b>480</b>	<b>1,000</b>	<b>2,000</b>	
<b>Public Health Preventive Action Limit (ug/l)</b>			<b>0.5</b>	<b>0.5</b>	<b>7</b>	<b>20</b>	<b>0.02</b>	<b>1,800</b>	<b>0.5</b>	<b>0.06</b>	<b>0.44</b>	<b>0.6</b>	<b>NE</b>	<b>6</b>	<b>0.005</b>	<b>0.5</b>	<b>140</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>0.5</b>	<b>40</b>	<b>96</b>	<b>200</b>	<b>400</b>	
6243-MW-1	47.1-57.1	10/15/2010	8,930	<96.0	<166	<178	<36.0	ND	<82	ND	ND	<260	ND	ND	ND	<72	<108	ND	ND	ND	<86.0	<180	<194	ND	<360	
		1/25/2011	5,790	ND	<104	ND	ND	ND	<51.2	ND	ND	ND	ND	ND	ND	ND	<93.8	<67.5	ND	ND	ND	<53.8	ND	<121	ND	<225
		6/22/2011	6,400	ND	<41.5	ND	ND	ND	<20.5	ND	ND	ND	ND	ND	ND	ND	<18	<27	ND	ND	ND	257	ND	<48.5	ND	<90
		9/29/2011	5,130	ND	<41.5	ND	ND	ND	<20.5	ND	ND	ND	ND	ND	ND	ND	<18	<20.5	ND	ND	ND	<21.5	ND	<48.5	ND	<90
		4/4/2012	3,180	2.51	4.15	<0.500	<0.500	ND	ND	ND	ND	<0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.23	ND	ND	ND
		1/22/2014	3,200	<16.5	<19	<17.5	<9	ND	<12	ND	ND	ND	<14	ND	ND	ND	<20.5	<27.5	ND	ND	ND	<25	<16.5	<110	ND	<66
		8/13/2014	4,600	<3.3	ND	ND	<1.8	ND	<2.4	ND	ND	ND	<2.8	ND	ND	ND	<4.1	<5.5	ND	ND	ND	<5	<3.3	<22	<6.9	<13.2
		2/17/2015	4,000	27	4.5	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	<1.0	ND	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<2.0
		11/11/2015	3,000	5.2	1.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<1.0	ND	<1.0	NA	<5.0	<1.0	<1.0	<1.0	<3.0
		4/7/2016	2,530	9.7	4.7	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<1.0	1.47 J	<1.0	NA	<5.0	<1.0	<1.0	<1.0	<3.0
		7/12/2016	880	<23.5	<22.5	<27	<8.5	ND	<22	<23	<23	<21.5	ND	<22.5	ND	<24	<35.5	<41	<55	ND	ND	<65	<42	<80	<22	<155
		10/5/2016	169	7.9 J	4.6 J	<2.6	<1.8	NA	<5.0	<5.0	<5.0	<25.0	NA	<5.0	<1.8	<1.7	<5.0	<1.4	<5.0	NA	NA	<2.3	<5.0	<5.0	<5.0	<15
3/8/2017	79.1	0.40 J	0.32 J	<0.26	<0.18	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.18	<0.17	<0.50	<0.14	<0.50	NA	NA	<0.23	<0.50	<0.50	<0.50	<1.5		
10/3/2017	43.1	3.2	41.7	<0.26	11.4	NA	2.0	<0.50	<0.50	<2.5	NA	<0.50	<0.18	<0.17	<0.50	<0.14	<0.50	NA	NA	<0.23	<0.50	<0.50	<0.50	<0.50		
6243-MW-2	47.0-57.0	10/15/2010	931	<4.8	<8.3	<8.9	<1.8	ND	<4.1	ND	ND	<13.0	ND	ND	ND	<3.6	<5.4	ND	ND	ND	<4.8	<9.0	<9.7	ND	<18	
		1/25/2011	472	ND	<4.2	ND	ND	ND	<2.0	ND	ND	ND	ND	ND	ND	ND	<1.8	<2.7	ND	ND	ND	2.9J	ND	<4.8	ND	<9.0
		6/22/2011	1,110	ND	<4.2	ND	ND	ND	<2.0	ND	ND	ND	ND	ND	ND	ND	<1.8	<2.7	ND	ND	ND	18.2	ND	<4.8	ND	<9.0
		9/29/2011	521	ND	<8.3	ND	ND	ND	<4.1	ND	ND	ND	ND	ND	ND	ND	<3.6	<5.4	ND	ND	ND	<4.3	ND	<9.7	ND	<18
		4/4/2012	220	<0.500	1.54	<0.500	<0.500	ND	ND	ND	ND	0.650 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.500	ND	ND	ND
		1/20/2014	420	<3.3	<3.8	<3.5	<1.8	ND	<2.4	ND	ND	ND	<2.8	ND	ND	ND	<4.1	<5.5	ND	ND	ND	<5	<3.3	<22	ND	<13.2
		8/14/2014	242	<3.3	<3.8	<3.5	<1.8	ND	<2.4	ND	ND	ND	<2.8	ND	ND	ND	<4.1	<5.5	ND	ND	ND	<5	<3.3	<22	<6.9	<13.2
		2/16/2015	380	<0.50	1.0	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	<1.0	ND	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<2.0
		11/12/2015	1,300	1.5	3.4	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<1.0	ND	<1.0	NA	<5.0	<1.0	<1.0	<1.0	<3.0
		10/4/2016	1,000	8.5 J	3.5 J	<2.6	<1.8	NA	<5.0	<5.0	<5.0	<25.0	NA	<5.0	<1.8	<1.7	<5.0	<1.4	<5.0	NA	NA	<2.3	<5.0	<5.0	<5.0	<15
		3/7/2017	331	267	744	<2.6	<1.8	NA	<5.0	<5.0	<5.0	<25.0	NA	<5.0	<1.8	<1.7	<5.0	<1.4	<5.0	NA	NA	<2.3	<5.0	<5.0	<5.0	<15
		10/2/2017	56.9	1.1	1.5	<0.26	0.20 J	NA	<5.0	<0.50	<0.50	<2.50	NA	<0.50	<0.18	<0.17	<0.50	<0.14	<0.50	NA	NA	<0.23	<0.50	<0.50	<0.50	<0.50

**TABLE 4**  
**SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS**

Klinke Clothing Care, Inc.  
4518 Monona Drive, Madison, Wisconsin

Monitoring Well Sample ID	Screen Depth (feet)	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Acetone	Benzene	Bromodichloromethane	Bromoform	Chloroform	Cyclohexane	Dibromochloromethane	1,2-Dibromoethane	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	4-Methyl-2-pentanone	Methylene Chloride	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Toluene	Total Xylenes		
<b>Public Health Enforcement Standard (ug/l)</b>			<b>5</b>	<b>5</b>	<b>70</b>	<b>100</b>	<b>0.2</b>	<b>9,000</b>	<b>5</b>	<b>0.6</b>	<b>4.4</b>	<b>6</b>	<b>NE</b>	<b>60</b>	<b>0.05</b>	<b>5</b>	<b>700</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>5</b>	<b>200</b>	<b>480</b>	<b>1,000</b>	<b>2,000</b>		
<b>Public Health Preventive Action Limit (ug/l)</b>			<b>0.5</b>	<b>0.5</b>	<b>7</b>	<b>20</b>	<b>0.02</b>	<b>1,800</b>	<b>0.5</b>	<b>0.06</b>	<b>0.44</b>	<b>0.6</b>	<b>NE</b>	<b>6</b>	<b>0.005</b>	<b>0.5</b>	<b>140</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>0.5</b>	<b>40</b>	<b>96</b>	<b>200</b>	<b>400</b>		
6243-MW-3	46.6-56.6	10/15/2010	197	<0.48	<0.83	<0.89	<0.18	ND	<0.41	ND	ND	<1.3	ND	ND	ND	<0.36	<0.54	ND	ND	ND	<0.43	<0.90	<0.97	ND	<1.8		
		1/25/2011	855	ND	<8.3	ND	ND	ND	ND	<4.1	ND	ND	ND	ND	ND	ND	<3.6	<5.4	ND	ND	ND	<4.3	ND	<9.7	ND	<18	
		6/22/2011	569	ND	<8.3	ND	ND	ND	ND	<4.1	ND	ND	ND	ND	ND	ND	<3.6	<5.4	ND	ND	ND	18.8	ND	<9.7	ND	<18	
		9/29/2011	873	ND	<4.2	ND	ND	ND	ND	<2.0	ND	ND	ND	ND	ND	ND	<1.8	<2.7	ND	ND	ND	<2.2	ND	<4.8	ND	<9.0	
		4/3/2012	713	0.630 J	0.920 J	<0.500	<0.500	ND	ND	ND	ND	ND	0.560 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.500	ND	ND	ND	ND
		1/22/2014	690	<3.3	<3.8	<3.5	<1.8	ND	<2.4	ND	ND	ND	<2.8	ND	ND	ND	<4.1	<5.5	ND	ND	ND	<5	<3.3	<22	ND	<13.2	
		8/14/2014	222	<3.3	<3.8	<3.5	<1.8	ND	<2.4	ND	ND	ND	<2.8	ND	ND	ND	<4.1	<5.5	ND	ND	ND	<5	<3.3	<22	<6.9	<13.2	
		2/16/2015	950	0.77	<0.50	<0.50	<0.50	<10	<1.0	1.7	<1.0	1.3	ND	1.7	ND	ND	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0
		11/12/2015	150	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<1.0	ND	<1.0	NA	<5.0	<1.0	<1.0	<1.0	<3.0	
		1/7/2016	281	<4.7	<4.5	<5.4	<1.7	NA	<4.4	<4.6	<4.6	<4.3	NA	<4.5	NA	<4.8	<7.1	<8.2	<11	NA	<13	<8.4	<16	<4.4	<31		
		2/5/2016	174	<2.35	<2.25	<2.7	<0.85	NA	<2.2	<2.3	<2.3	<2.15	NA	<2.25	NA	<2.4	<3.55	<4.1	<5.5	NA	<6.5	<4.2	<8	<2.2	<15.5		
		3/7/2016	182	2.86	<0.45	<0.54	<0.17	NA	<0.44	<0.46	<0.46	<0.43	NA	<0.45	NA	<0.48	<0.71	<0.82	<1.1	NA	<1.3	<0.84	<1.6	<0.44	<3.1		
		4/7/2016	580	1.7	0.53 J	<0.54	<0.17	NA	<0.44	<0.46	<0.46	<0.43	NA	<0.45	NA	<0.48	<0.71	<0.82	<1.1	NA	<1.3	<0.84	<1.6	<0.44	<3.1		
		7/12/2016	159	<4.7	<4.5	<5.4	<1.7	NA	<4.4	<4.6	<4.6	<4.3	NA	<4.5	NA	<4.8	<7.1	<8.2	<11	NA	<13	<8.4	<16	<4.4	<31		
		10/5/2016	83.9	9.3	196	2.4	1.1	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.18	<0.17	<0.50	<0.14	<0.50	NA	<0.23	<0.50	<0.50	<0.50	<0.50	<1.5	
		3/8/2017	45	0.83 J	0.76 J	<0.26	1.1	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.18	<0.17	<0.50	<0.14	<0.50	NA	<0.23	<0.50	<0.50	<0.50	<0.50	<1.5	
10/2/2017	30.8	0.43 J	1.4	<0.26	<0.18	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.18	<0.17	<0.50	<0.14	<0.50	NA	<0.23	<0.50	<0.50	<0.50	<0.50	<1.5			
6243-MW-4	47.1-57.1	10/15/2010	1,490	<9.6	<16.6	<17.8	<3.6	ND	<8.2	ND	ND	<26.0	ND	ND	ND	<7.2	<10.8	ND	ND	ND	<8.6	<18.0	<19.4	ND	<36		
		1/25/2011	1,940	ND	<33.2	ND	ND	ND	<16.4	ND	ND	ND	ND	ND	ND	ND	<14.4	<21.6	ND	ND	ND	<17.2	ND	<38.8	ND	<72	
		6/22/2011	3,160	ND	<16.6	ND	ND	ND	<8.2	ND	ND	ND	ND	ND	ND	ND	<7.2	<10.8	ND	ND	ND	10.1 J	ND	<19.4	ND	<36	
		9/29/2011	2,320	ND	<16.6	ND	ND	ND	<8.2	ND	ND	ND	ND	ND	ND	ND	<7.2	<10.8	ND	ND	ND	<8.6	ND	<19.4	ND	<36	
		4/4/2012	1,010	1.38	1.26	<0.500	<0.500	ND	ND	ND	ND	<0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.500	ND	ND	ND	
		1/22/2014	730	<3.3	<3.8	<3.5	<1.8	ND	<2.4	ND	ND	<2.8	ND	ND	ND	ND	<4.1	<5.5	ND	ND	ND	<5	<3.3	<22	ND	<13.2	
		8/14/2014	340	<3.3	<3.8	<3.5	<1.8	ND	<2.4	ND	ND	<2.8	ND	ND	ND	ND	<4.1	<5.5	ND	ND	ND	<5	<3.3	<22	<6.9	<13.2	
		2/17/2015	2,100	4.8	4.0	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<2.0	
		11/12/2015	600	1.7	1.2	<10	<1.0	<10	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<1.0	ND	NA	<1.0	<5.0	<1.0	<1.0	<1.0	<3.0		
		2/5/2016	760	<4.7	<4.5	<5.4	<1.7	NA	<4.4	<4.6	<4.6	<4.3	NA	<4.5	NA	<4.8	<7.1	<8.2	<11	NA	<13	<8.4	<16	<4.4	<31		
		7/12/2016	540	<4.7	<4.5	<5.4	<1.7	NA	<4.4	<4.6	<4.6	<4.3	NA	<4.5	NA	<4.8	<7.1	<8.2	<11	NA	<13	<8.4	<16	<4.4	<31		
		10/4/2016	121	296	1,070	<2.6	2.9 J	NA	<5.0	NA	<5.0	<25.0	NA	<5.0	<1.8	<2.4	<5.0	<1.4	<5.0	NA	<2.3	<5.0	<5.0	<5.0	<5.0	<15	
		3/8/2017	327	75.4	498	2.4 J	18.5	NA	<1.2	<1.2	<1.2	<6.2	NA	<1.2	<0.44	<0.42	<1.2	NA	<1.2	<1.2	<1.2	<1.2	<6.3	NA	<1.3	<0.40	
10/2/2017	8.0	2.9	117	1.1 J	26.5	NA	<1.2	<1.2	<1.2	<6.2	NA	<1.2	<0.44	<0.42	<1.2	<0.36	<1.2	NA	<0.58	<1.2	<1.2	<1.2	<1.2	<1.2			

**TABLE 4**  
**SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS**

Klinke Clothing Care, Inc.  
4518 Monona Drive, Madison, Wisconsin

Monitoring Well Sample ID	Screen Depth (feet)	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Acetone	Benzene	Bromodichloromethane	Bromoform	Chloroform	Cyclohexane	Dibromochloromethane	1,2-Dibromoethane	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	4-Methyl-2-pentanone	Methylene Chloride	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Toluene	Total Xylenes	
<b>Public Health Enforcement Standard (ug/l)</b>			<b>5</b>	<b>5</b>	<b>70</b>	<b>100</b>	<b>0.2</b>	<b>9,000</b>	<b>5</b>	<b>0.6</b>	<b>4.4</b>	<b>6</b>	<b>NE</b>	<b>60</b>	<b>0.05</b>	<b>5</b>	<b>700</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>5</b>	<b>200</b>	<b>480</b>	<b>1,000</b>	<b>2,000</b>	
<b>Public Health Preventive Action Limit (ug/l)</b>			<b>0.5</b>	<b>0.5</b>	<b>7</b>	<b>20</b>	<b>0.02</b>	<b>1,800</b>	<b>0.5</b>	<b>0.06</b>	<b>0.44</b>	<b>0.6</b>	<b>NE</b>	<b>6</b>	<b>0.005</b>	<b>0.5</b>	<b>140</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>0.5</b>	<b>40</b>	<b>96</b>	<b>200</b>	<b>400</b>	
6243-MW-5	43.0-58.0	6/22/2011	366	ND	<2.1	ND	ND	ND	<1.0	ND	ND	ND	ND	ND	ND	<0.9	<1.4	ND	ND	ND	<1.1	ND	<2.4	ND	<4.5	
		9/29/2011	255	ND	<2.1	ND	ND	ND	ND	<1.0	ND	ND	ND	ND	ND	ND	<0.9	<1.4	ND	ND	ND	<1.1	ND	<2.4	ND	<4.5
		4/3/2012	193	<0.500	<0.500	<0.500	<0.500	ND	ND	ND	ND	0.650 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.500	ND	ND	ND
		1/20/2014	191	<3.3	<3.8	<3.5	<1.8	ND	<2.4	ND	ND	ND	<2.8	ND	ND	ND	<4.1	<5.5	ND	ND	ND	<5	<3.3	<22	ND	<13.2
		8/13/2014	126	<0.33	<0.38	<0.35	<0.18	ND	<0.24	ND	ND	<0.28	ND	ND	ND	ND	<0.41	<0.55	ND	ND	ND	<0.5	<0.33	<0.2	<0.69	<01.32
		2/16/2015	110	<0.50	1.2	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.0
		10/6/2016	18	<0.33	<0.26	<0.26	<0.18	NA	<0.50	NA	<0.50	<2.5	NA	<0.50	<0.18	<0.17	<0.50	NA	<0.50	<0.18	0.31 J	<0.50	<0.50	<0.50	<0.50	<1.5
		3/8/2017	76.7	0.50 J	<0.26	<0.26	<0.18	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.18	<0.17	<0.50	NA	<0.50	<0.18	<0.23	<0.50	<0.50	<0.50	<0.50	<1.5
10/3/2017	35.9	<0.33	0.38 J	<0.26	<0.18	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.18	<0.17	<0.50	<0.14	<0.50	NA	<0.23	<0.50	<0.50	<0.50	<0.50	<0.50		
6243-MW-7	41.6-56.6	6/22/2011	368	ND	6.2	ND	ND	ND	<1.0	ND	ND	ND	ND	ND	ND	<0.90	<1.4	ND	ND	ND	<1.1	ND	<2.4	ND	<4.5	
		9/29/2011	382	ND	12.5	ND	ND	ND	<1.0	ND	ND	ND	ND	ND	ND	<0.90	<1.4	ND	ND	ND	<1.1	ND	<2.4	ND	<4.5	
		4/3/2012	306	1.09	9.27	<0.500	<0.500	ND	ND	ND	ND	<0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.500	ND	ND	ND	
		1/22/2014	720	<3.3	11.7 J	<3.5	<1.8	ND	<2.4	ND	ND	<2.8	ND	ND	ND	ND	<4.1	<5.5	ND	ND	ND	<5	<3.3	<22	ND	<13.2
		8/14/2014	3,500	<3.3	<3.8	<3.5	<1.8	ND	<2.4	ND	ND	<2.8	ND	ND	ND	ND	<4.1	<5.5	ND	ND	ND	<5	<3.3	<22	<6.9	<13.2
		2/17/2015	1,700	<5.0	22	<5.0	<5.0	<100	<10	<10	<10	<10	ND	<10	ND	<10	<10	ND	<10	<10	<10	<50	<10	<10	<10	<20
		11/12/2015	450	1.0	4.9	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<1.0	ND	NA	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<3.0
		10/5/2016	191	<3.3	3.3 J	<2.6	<1.8	NA	<5.0	<5.0	<5.0	<25.0	NA	<5.0	<1.8	<1.7	<5.0	<1.4	<5.0	NA	<2.3	<1.8	<5.0	<5.0	<5.0	<15
3/8/2017	304	182	149	<0.64	1.9 J	NA	<1.2	<1.2	<1.2	<6.2	NA	<1.2	<0.44	<0.42	<1.2	<0.36	<1.2	NA	<0.58	<1.2	<1.2	<1.2	<1.2	<3.7		
10/3/2017	9.5	0.37 J	34.7	<0.26	8.2	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.43	<0.17	<0.50	<0.14	<0.50	NA	<0.23	<0.50	<0.50	<0.50	<0.50	<0.50		
6243-MW-8	40.6-55.6	6/22/2011	368	ND	<2.1	<0.500	<0.500	ND	7.6	ND	ND	<0.500	ND	ND	ND	1.7J	3.2	ND	ND	ND	<1.1	<0.500	5	ND	4.9J	
		9/29/2011	342	ND	<2.1	ND	ND	ND	<1.0	ND	ND	ND	ND	ND	ND	<0.9	<1.4	ND	ND	ND	<1.1	ND	<2.4	ND	<4.5	
		4/3/2012	193	<0.500	<0.500	<0.500	<0.500	ND	ND	ND	ND	<0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.500	ND	ND	ND	
		12/17/2014	2,400	<5.0	<5.0	<5.0	<5.0	ND	<10	<10	<10	<10	ND	<10	ND	<10	<10	ND	ND	ND	<50	<10	<10	<10	<20	
		2/17/2015	1,400	<5.0	18	<5.0	<5.0	<100	<10	<10	<10	<10	ND	<10	ND	<10	<10	ND	<10	<10	<50	<10	<10	<10	<20	
		11/11/2015	71	<1.0	<1.0	<1.0	<1.0	<10	62	<1.0	<1.0	<1.0	<1.0	8.2	<1.0	7.1	11	7.0	2.0	NA	<1.0	<5.0	<1.0	<1.0	<1.0	37
		10/6/2016	2.4	<0.33	<0.26	<0.26	<0.18	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.43	<0.17	<0.50	<0.14	<0.50	NA	0.26 J	<0.50	<0.50	<0.50	<0.50	<1.50
		3/8/2017	18.4	<0.33	<0.26	<0.26	<0.18	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.18	0.47 J	<0.50	<0.14	<0.50	NA	<0.23	<0.50	<0.50	<0.50	<0.50	<1.50
10/2/2017	4.1	<0.33	<0.26	<0.26	<0.18	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.18	<0.17	<0.50	<0.14	<0.50	NA	<0.23	<0.50	<0.50	<0.50	<0.50	<0.50		

**TABLE 4**  
**SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS**

Klinke Clothing Care, Inc.  
 4518 Monona Drive, Madison, Wisconsin

Monitoring Well Sample ID	Screen Depth (feet)	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Acetone	Benzene	Bromodichloromethane	Bromoform	Chloroform	Cyclohexane	Dibromochloromethane	1,2-Dibromoethane	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	4-Methyl-2-pentanone	Methylene Chloride	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Toluene	Total Xylenes	
<b>Public Health Enforcement Standard (ug/l)</b>			<b>5</b>	<b>5</b>	<b>70</b>	<b>100</b>	<b>0.2</b>	<b>9,000</b>	<b>5</b>	<b>0.6</b>	<b>4.4</b>	<b>6</b>	<b>NE</b>	<b>60</b>	<b>0.05</b>	<b>5</b>	<b>700</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>5</b>	<b>200</b>	<b>480</b>	<b>1,000</b>	<b>2,000</b>	
<b>Public Health Preventive Action Limit (ug/l)</b>			<b>0.5</b>	<b>0.5</b>	<b>7</b>	<b>20</b>	<b>0.02</b>	<b>1,800</b>	<b>0.5</b>	<b>0.06</b>	<b>0.44</b>	<b>0.6</b>	<b>NE</b>	<b>6</b>	<b>0.005</b>	<b>0.5</b>	<b>140</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>0.5</b>	<b>40</b>	<b>96</b>	<b>200</b>	<b>400</b>	
6243-MW-9	50.0-65.0	6/22/2011	1,340	ND	<8.3	<0.500	<0.500	ND	<4.1	ND	ND	<0.500	ND	ND	ND	<3.6	<5.4	ND	ND	ND	57.9	<0.500	<9.7	ND	<18	
		9/29/2011	1,780	ND	<8.3	ND	ND	ND	<4.1	ND	ND	ND	ND	ND	ND	ND	<3.6	<5.4	ND	ND	ND	<4.3	ND	<9.7	ND	<18
		4/4/2012	1,180	1.38	1.45	<0.500	<0.500	ND	ND	ND	ND	<0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.500	ND	ND	ND
		12/17/2014	1,800	<2.5	<2.5	<2.5	<2.5	ND	<5.0	<5.0	<5.0	<5.0	ND	<5.0	ND	<5.0	<5.0	ND	ND	ND	ND	<25	<5.0	<5.0	<5.0	<10
		2/17/2015	830	<2.5	11	<2.5	<2.5	<50	<5.0	<5.0	<5.0	<5.0	ND	<5.0	ND	<5.0	<5.0	ND	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	<10
		11/11/2015	730	2.4	1.8	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<1.0	<1.0	ND	NA	<1.0	<5.0	<1.0	<1.0	<1.0	<3.0
		3/7/2016	550	2.8	3.11	<0.54	<0.17	NA	<0.44	<0.46	<0.46	<0.43	NA	<0.45	NA	<0.48	<0.71	<0.82	<1.1	NA	<1.3	<0.84	<1.6	<0.44	<3.1	
		5/10/2016	241	0.80 J	0.98 J	<0.54	<0.17	NA	<0.44	<0.46	<0.46	<0.43	NA	<0.45	NA	<0.48	<0.71	<0.82	<1.1	NA	<1.3	<0.84	<1.6	<0.44	<3.1	
		7/12/2016	600	<4.7	<4.5	<5.4	<1.7	NA	<4.4	<4.6	<4.6	<4.3	NA	<4.5	NA	<4.8	<7.1	<8.2	<11	NA	<13	<8.4	<16	<4.4	<31	
		10/4/2016	468	2.3 J	<1.3	<1.3	<0.88	NA	<2.5	<2.5	<2.5	<12.5	NA	<2.5	NA	<0.84	<2.5	<0.72	<2.5	NA	<1.2	<2.5	<2.5	<2.5	<2.5	<7.5
		3/8/2017	800	4.3 J	11.5	<1.3	<0.88	NA	<2.5	<2.5	<2.5	<12.5	NA	<2.5	<0.89	<0.84	<2.5	<0.72	<2.5	NA	<1.2	<2.5	<2.5	<2.5	<2.5	<7.5
10/2/2017	210	2.2	7.1	<0.26	0.70 J	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.18	<0.17	<0.50	<0.14	<0.50	NA	<0.23	<0.50	<0.50	<0.50	<0.50	<0.50		
MW-18	80.9-90.9	12/17/2014	130	<0.5	<0.5	<0.5	<0.5	ND	<1.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	<1.0	ND	ND	ND	<5.0	<1.0	<1.0	<1.0	<2.0	
		2/17/2015	110	<0.50	1.1	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<2.0
		10/3/2017	26.3	<0.33	0.72 J	<0.26	<0.18	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.18	<1.0	<0.50	<0.14	<0.50	NA	<0.23	<0.50	<0.50	<0.50	<0.50	<0.50
MW-22	53.4-63.4	12/16/2014	430	<0.5	<0.5	<0.5	<0.5	ND	<1.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	<1.0	ND	ND	ND	<5.0	<1.0	<1.0	<1.0	<2.0	
		1/13/2015	410	<0.5	<0.5	<0.5	<0.5	ND	<1.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	<1.0	ND	ND	ND	<5.0	<1.0	<1.0	<1.0	<2.0	
		2/17/2015	360	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<2.0
		10/3/2017	97.2	<0.66	<0.51	<0.51	<0.35	NA	<1.0	<1.0	<1.0	<5.0	ND	<1.0	<0.36	<0.34	<1.0	<0.29	<1.0	NA	<0.47	<1.0	<1.0	<1.0	<1.0	

**TABLE 4**  
**SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS**

Klinke Clothing Care, Inc.  
 4518 Monona Drive, Madison, Wisconsin

Monitoring Well Sample ID	Screen Depth (feet)	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Acetone	Benzene	Bromodichloromethane	Bromoform	Chloroform	Cyclohexane	Dibromochloromethane	1,2-Dibromoethane	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	4-Methyl-2-pentanone	Methylene Chloride	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Toluene	Total Xylenes	
<b>Public Health Enforcement Standard (ug/l)</b>			<b>5</b>	<b>5</b>	<b>70</b>	<b>100</b>	<b>0.2</b>	<b>9,000</b>	<b>5</b>	<b>0.6</b>	<b>4.4</b>	<b>6</b>	<b>NE</b>	<b>60</b>	<b>0.05</b>	<b>5</b>	<b>700</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>5</b>	<b>200</b>	<b>480</b>	<b>1,000</b>	<b>2,000</b>	
<b>Public Health Preventive Action Limit (ug/l)</b>			<b>0.5</b>	<b>0.5</b>	<b>7</b>	<b>20</b>	<b>0.02</b>	<b>1,800</b>	<b>0.5</b>	<b>0.06</b>	<b>0.44</b>	<b>0.6</b>	<b>NE</b>	<b>6</b>	<b>0.005</b>	<b>0.5</b>	<b>140</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>0.5</b>	<b>40</b>	<b>96</b>	<b>200</b>	<b>400</b>	
6243-CMT-3	2 (50.4-55.4)	1/13/2014	<b>440</b>	<3.3	<3.8	<3.5	<1.8	ND	<2.4	ND	ND	<2.8	ND	ND	ND	<4.1	<5.5	ND	ND	ND	<5	<3.3	<22	<6.9	<13.2	
		8/18/2014	<b>88</b>	<0.33	<0.38	<0.35	<0.18	ND	<0.24	<b>1.27</b>	ND	<b>0.60 J</b>	ND	ND	ND	<0.41	<0.55	ND	ND	ND	<0.5	<0.33	<2.2	<0.69	<1.32	
		3/12/2015	<b>340</b>	<1.0	<1.0	<1.0	<1.0	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	<1.0	ND	NA	<1.0	<5.0	<1.0	<1.0	<1.0	<3.0
		11/12/2015	<b>160</b>	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<1.0	<1.0	<1.0	ND	NA	<1.0	<5.0	<1.0	<1.0	<1.0	<3.0
		1/7/2016	<b>26.5</b>	<0.47	<0.45	<0.54	<0.17	NA	<0.44	<0.46	<0.46	<0.43	NA	<0.45	NA	<0.48	<0.71	<0.82	<1.1	NA	<1.3	<0.84	<1.6	<0.44	<3.1	
		3/7/2016	<b>159</b>	<0.47	<0.45	<0.54	<0.17	NA	<0.44	<0.46	<0.46	<0.43	NA	<0.45	NA	<0.48	<0.71	<0.82	<1.1	NA	<1.3	<0.84	<1.6	<0.44	<3.1	
		10/4/2016	<b>43.5</b>	<0.33	<0.26	<0.26	<0.18	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.18	<0.17	<0.50	<0.14	<0.50	NA	<0.23	<0.50	<0.50	<0.50	<0.50	<1.5
		3/7/2017	<b>16.2</b>	<b>0.84 J</b>	<b>58.5</b>	<0.26	<0.18	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.18	<0.17	<0.50	<0.14	<0.50	NA	<0.23	<0.50	<0.50	<0.50	<0.50	<1.5
		10/2/2017	<b>4.8</b>	<b>0.70 J</b>	<b>35.9</b>	<0.26	<b>6.1</b>	NA	<0.50	<0.50	<0.50	<2.5	NA	<0.50	<0.18	<0.17	<0.50	<0.14	<0.50	NA	<0.23	<0.50	<0.50	<0.50	<0.50	<0.50

**Notes:**

ug/l = micrograms per liter

Samples analyzed using EPA SW-846 Method 8260B

Organic

**Bolded** and shaded blue values are above Public Health Enforcement Standards

**Bolded** and shaded orange values are above Public Health Preventive Action Limits

**Bolded** values are above detection limits

NA = Not Analyzed

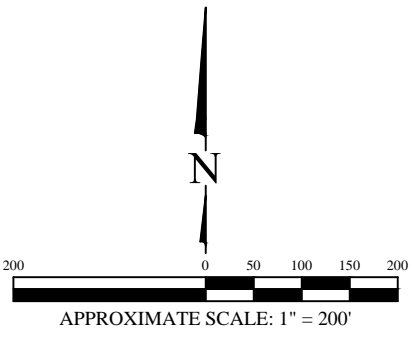
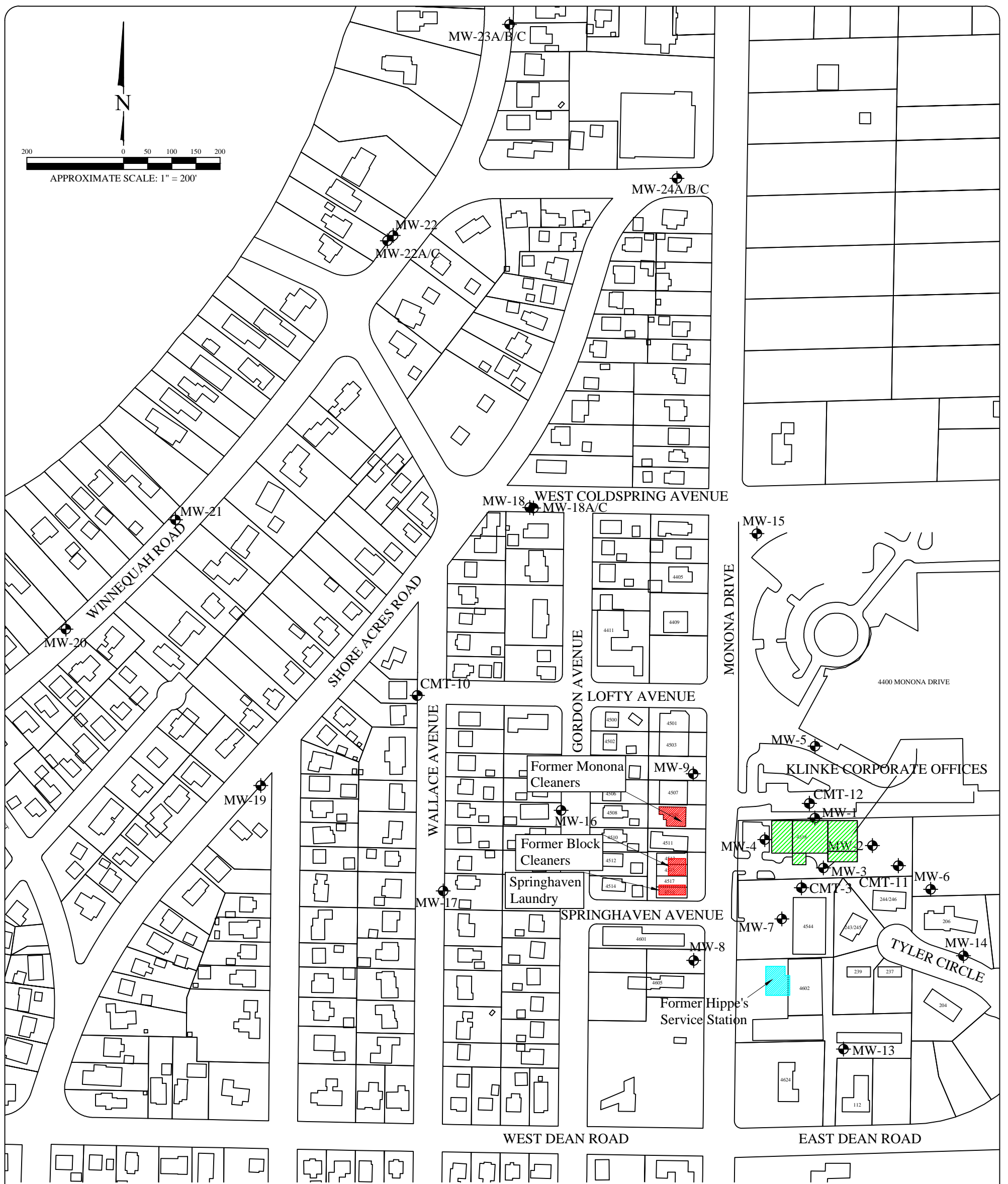
NE = Not Established

J = Analyte concentration between the laboratory Reporting Limit and laboratory Method Detection Limit

ND = Not detected above laboratory detection limit

**FIGURES**





**Legend**

- MW-1 Monitoring Well Location
- Historical Laundries
- Klinke Cleaners Facility
- Potential Past PCE usage

No.	Date	Revision	Approved

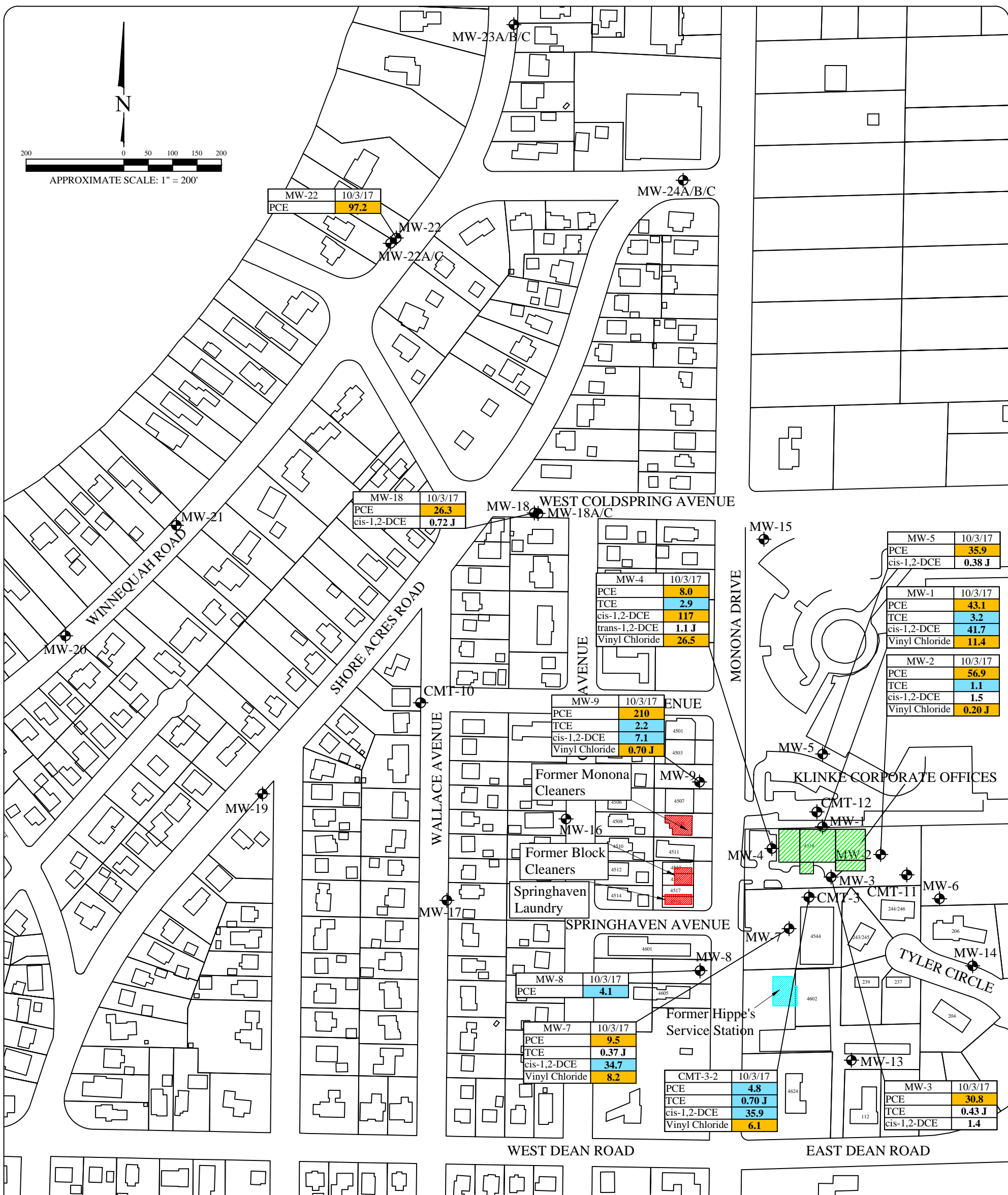
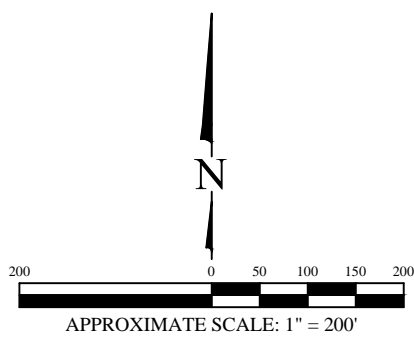
825 North Capitol Avenue • Indianapolis, IN 46204  
 EnviroForensics.com

Date:	9/21/15
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	6404-0193

**MONITORING WELL LOCATION MAP**

Klinke Cleaners  
 4518 Monona Dr.  
 Madison, WI

Figure	1
Project	6404



**Legend**

MW-1 Monitoring Well Location

Historical Laundries

Klinke Cleaners Facility

Potential Past PCE usage

Analyte	Public Health Preventive Action Limit	Public Health Enforcement Standard
PCE	0.5	5
TCE	0.5	5
cis-1,2-DCE	7	70
trans-1,2-DCE	20	100
Vinyl Chloride	0.02	0.2

**Note:**

1. Bolded and orange shaded values exceed the Public Health Enforcement Standard
2. Bolded and blue shaded values exceed the Public Health Preventive Action Limit
3. Bolded values are above detection limits
4. J = Analyte concentration less than laboratory detection limits
5. Samples analyzed using EPA SW-846 Method 8260
6. All results reported in units of micrograms per liter (µg/L)
7. PCE = Tetrachloroethene
8. TCE = Trichloroethene
9. cis-1,2-DCE = cis-1,2-Dichloroethene
10. trans-1,2-DCE = trans-1,2-Dichloroethene
11. Monitoring wells without analytical results were not sampled.
12. Only PCE and related compounds are shown on this figure; see Table 3 for a complete summary of results

No.	Date	Revision	Approved

825 North Capitol Avenue • Indianapolis, IN 46204  
EnviroForensics.com

Date: 11/2/17  
Designed: EB  
Drawn: EB  
Checked: BK  
DWG file: 6404-0914

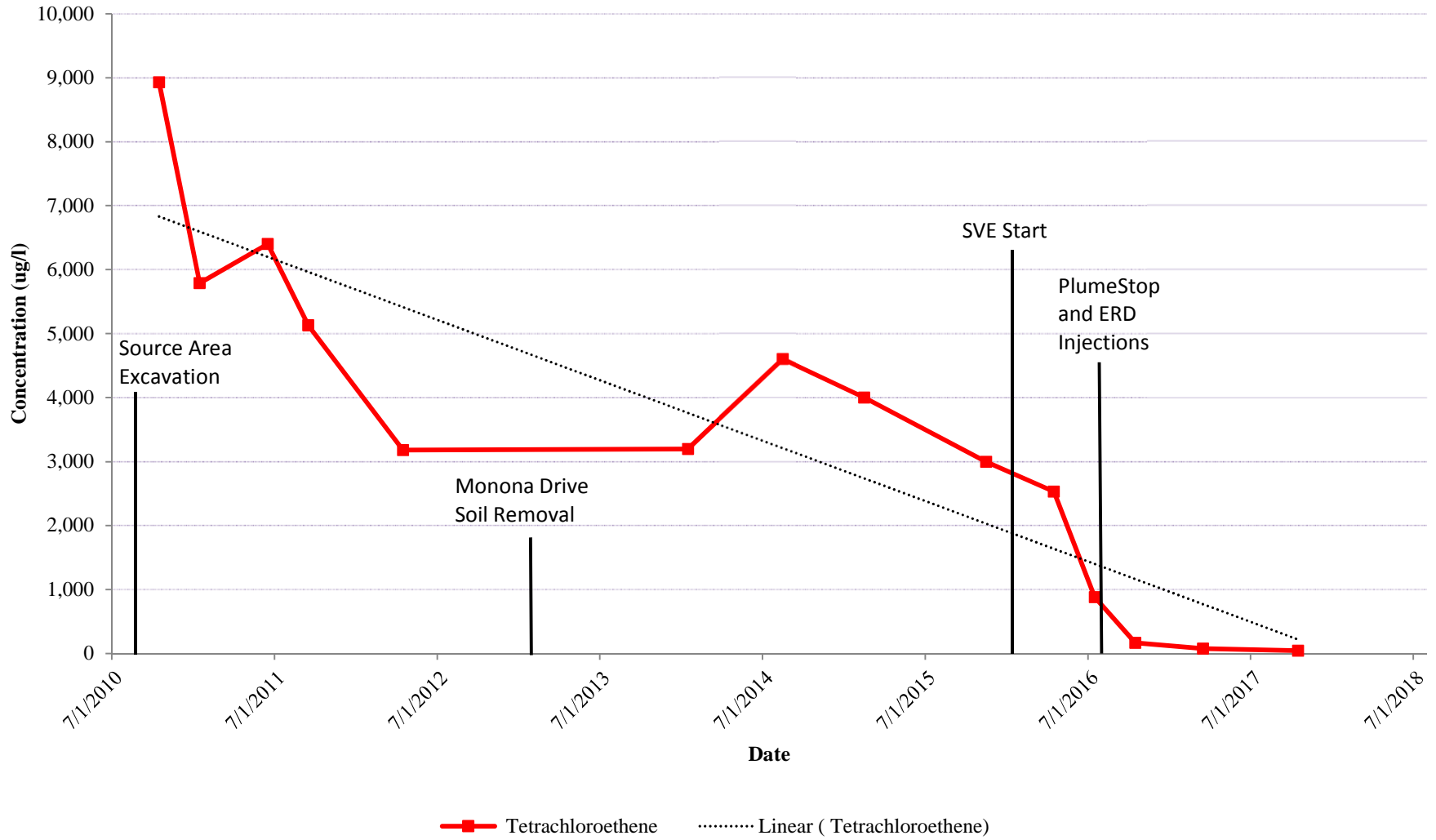
**MONITORING WELL GROUNDWATER ANALYTICAL RESULTS - OCTOBER 2017**  
  
Klinke Cleaners  
4518 Monona Dr.  
Madison, WI

Figure	2
Project	6404

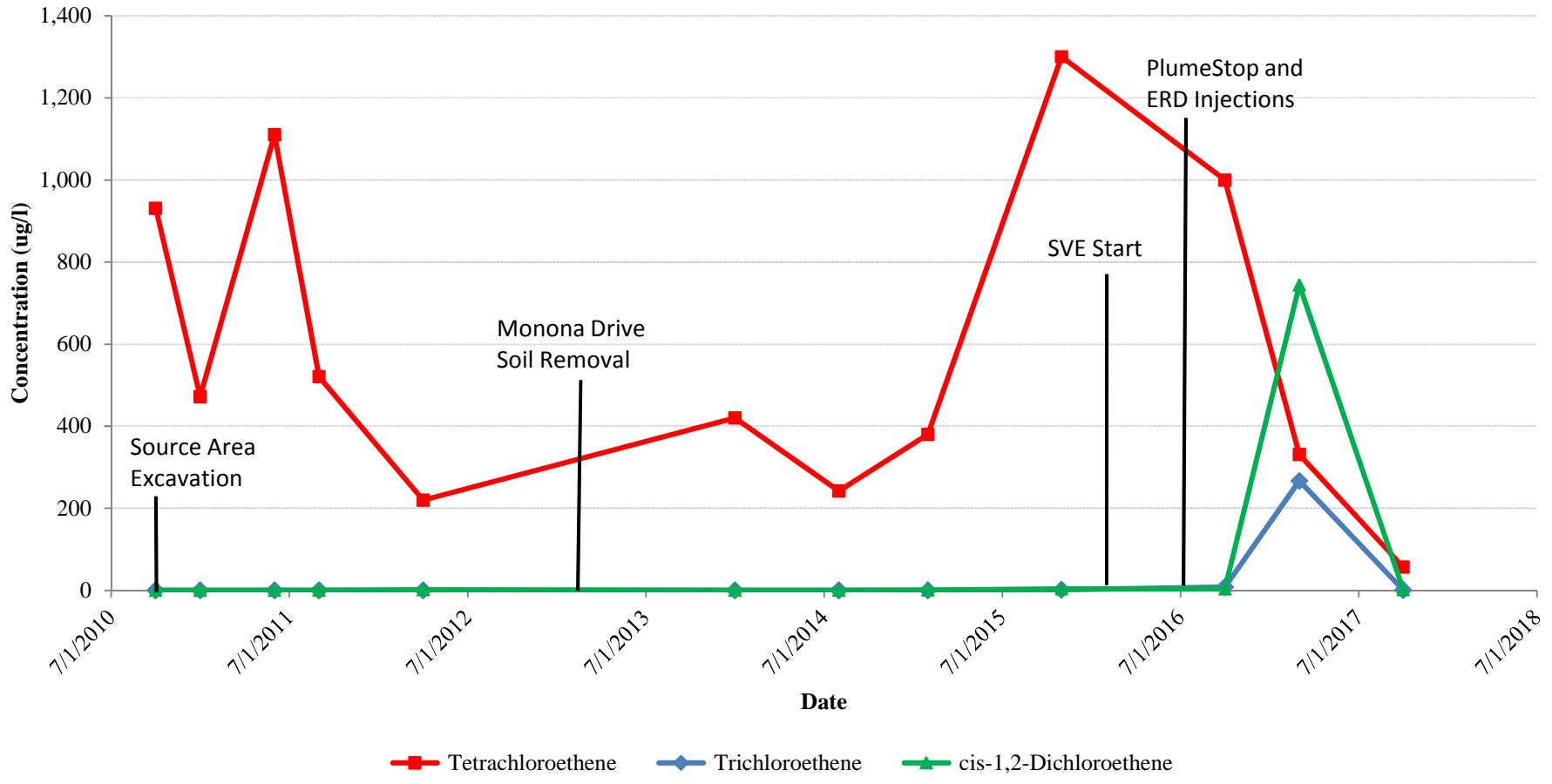
**ATTACHMENT 1**

**GROUNDWATER VOC CONCENTRATION TREND CHARTS**

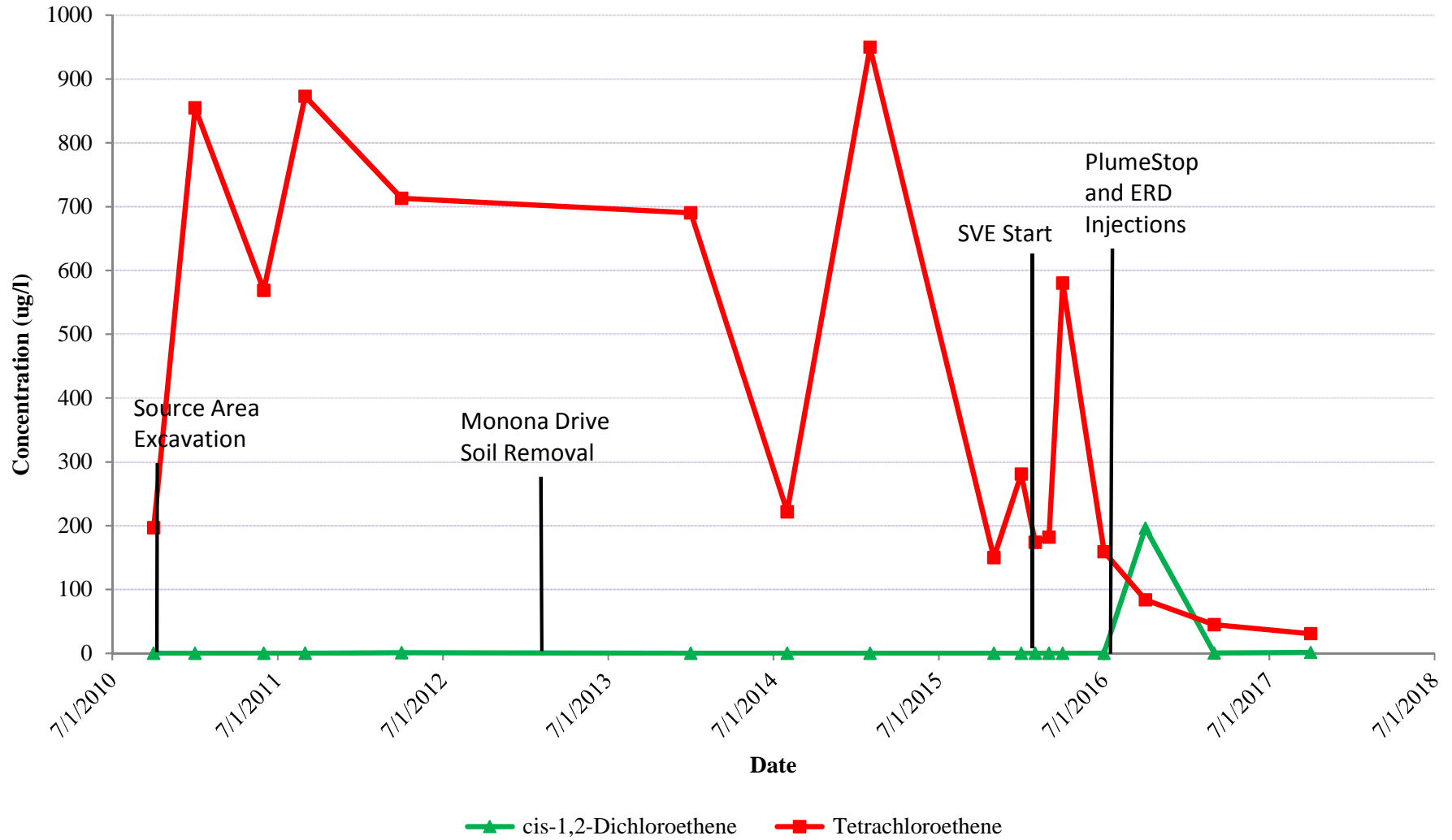
### MW-1 PCE Concentration Trend



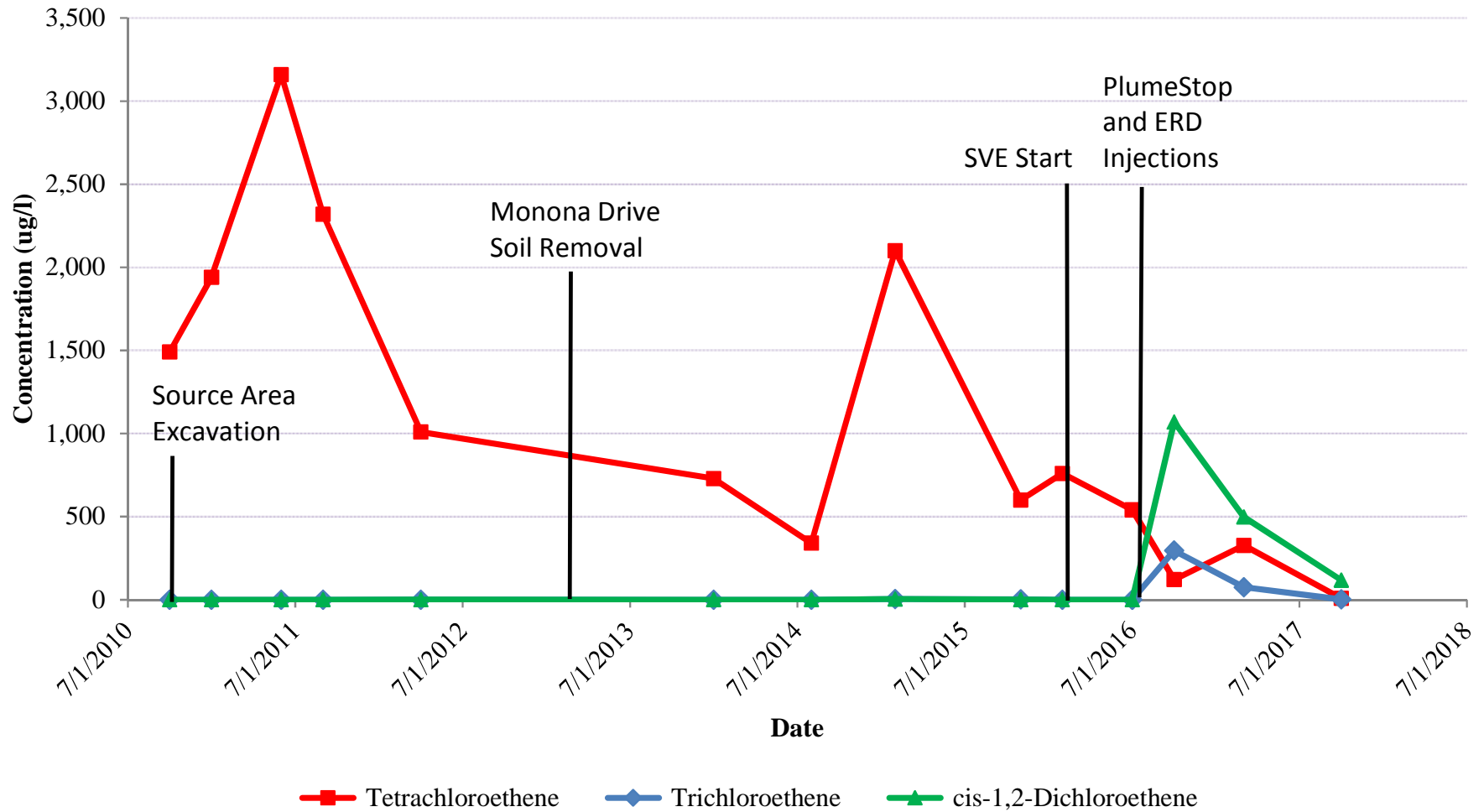
### MW-2 VOC Concentration Trends



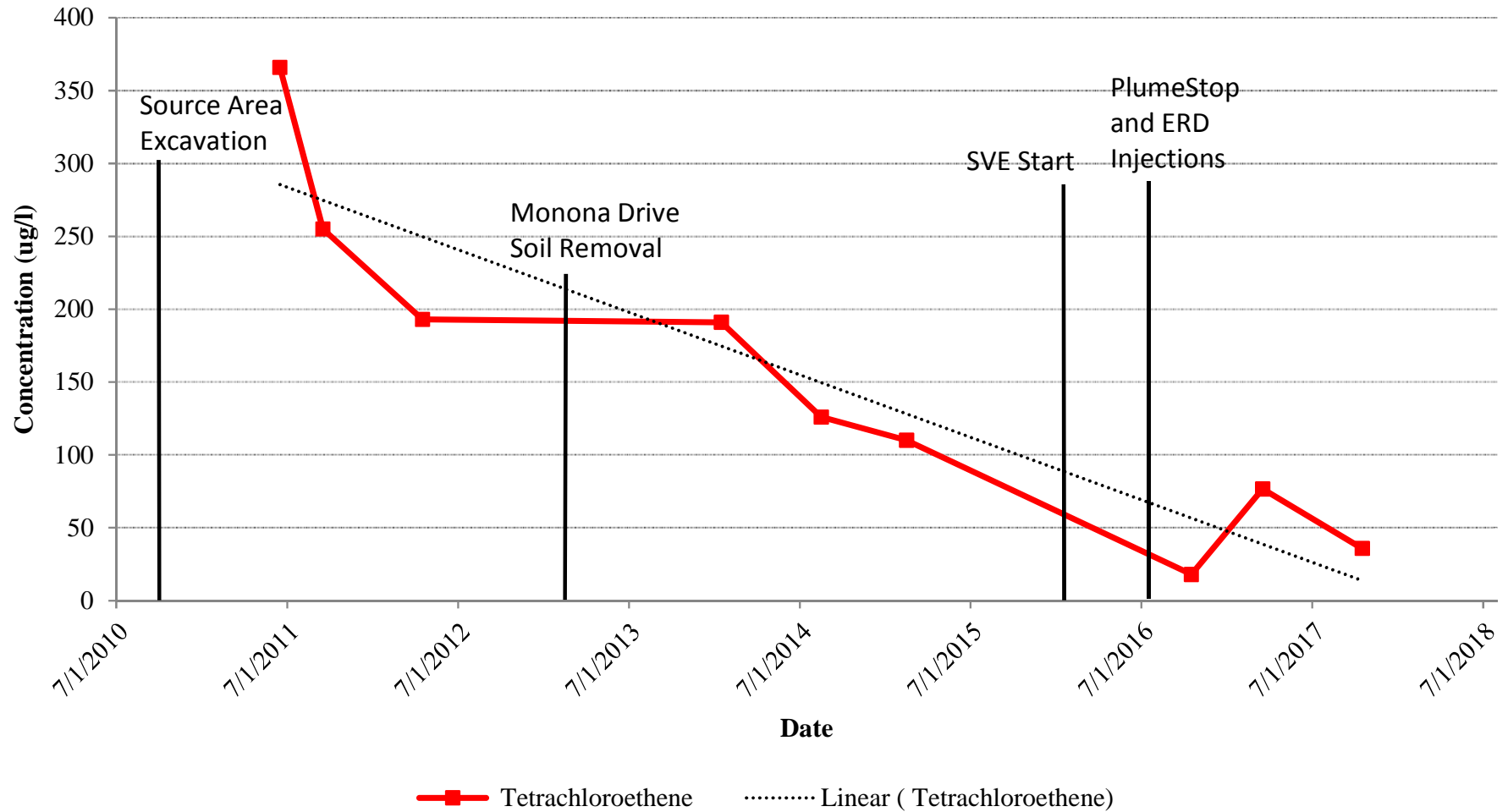
### MW-3 VOC Concentration Trends



## MW-4 VOC Concentration Trends

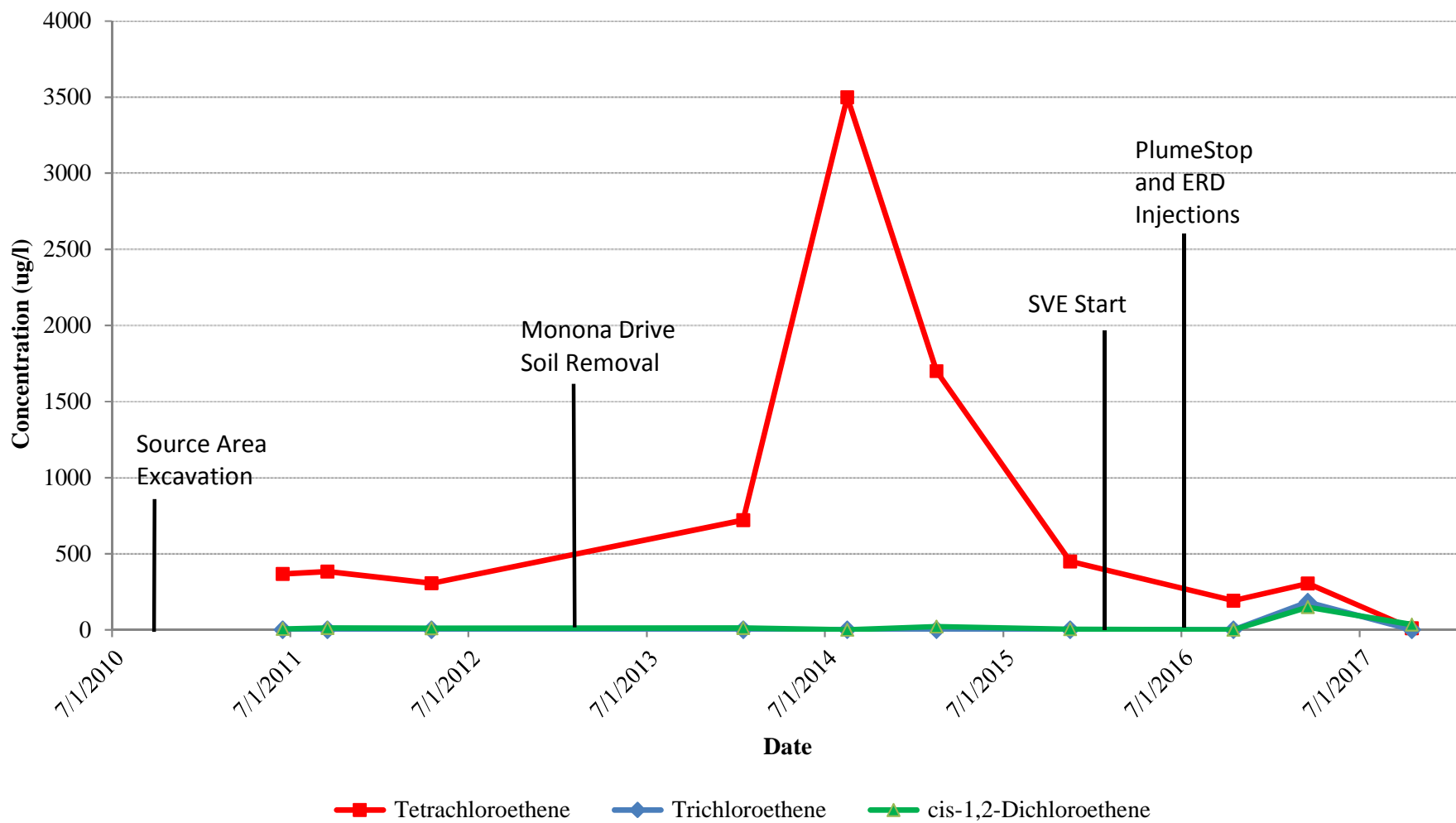


# MW-5 PCE Concentration Trend

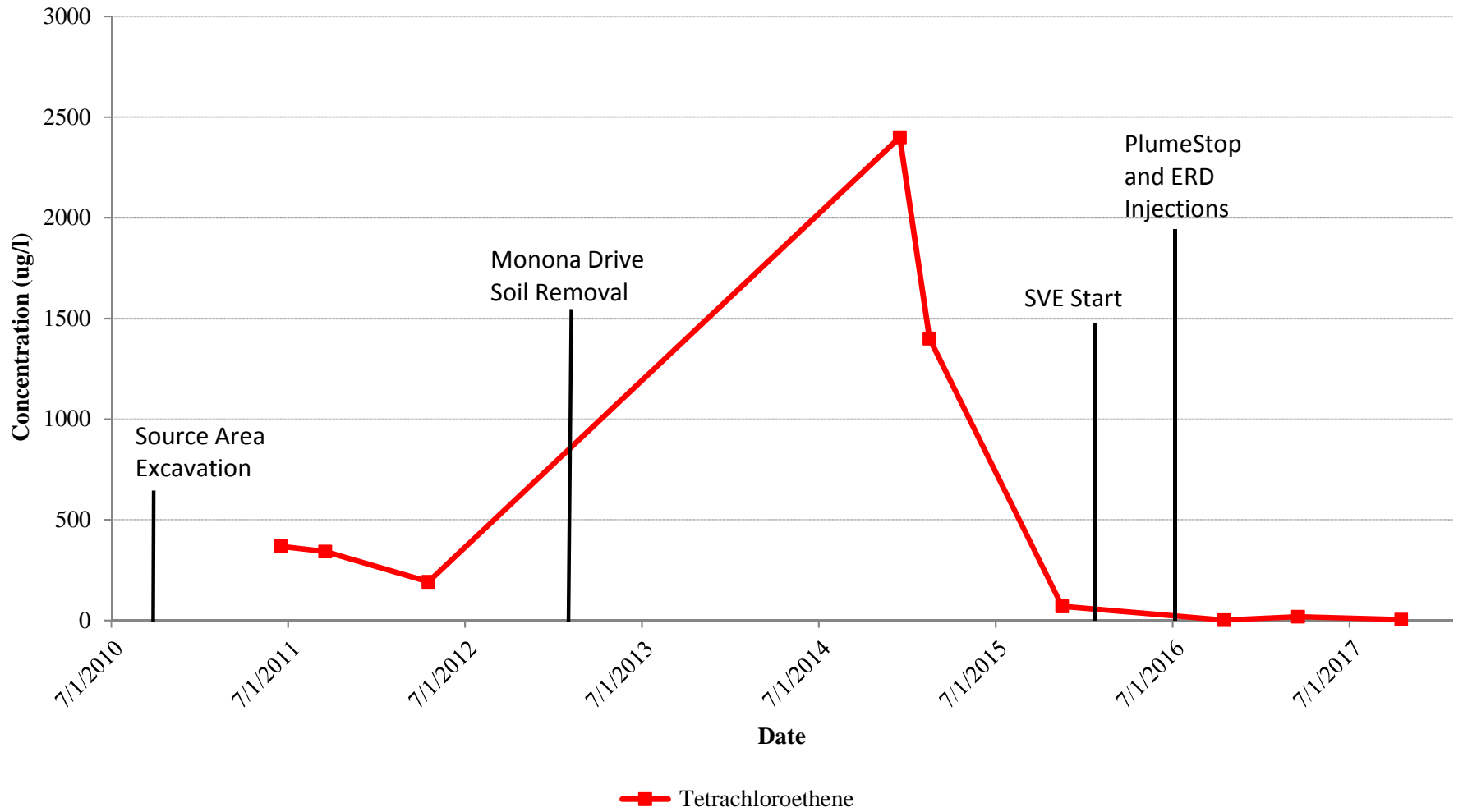




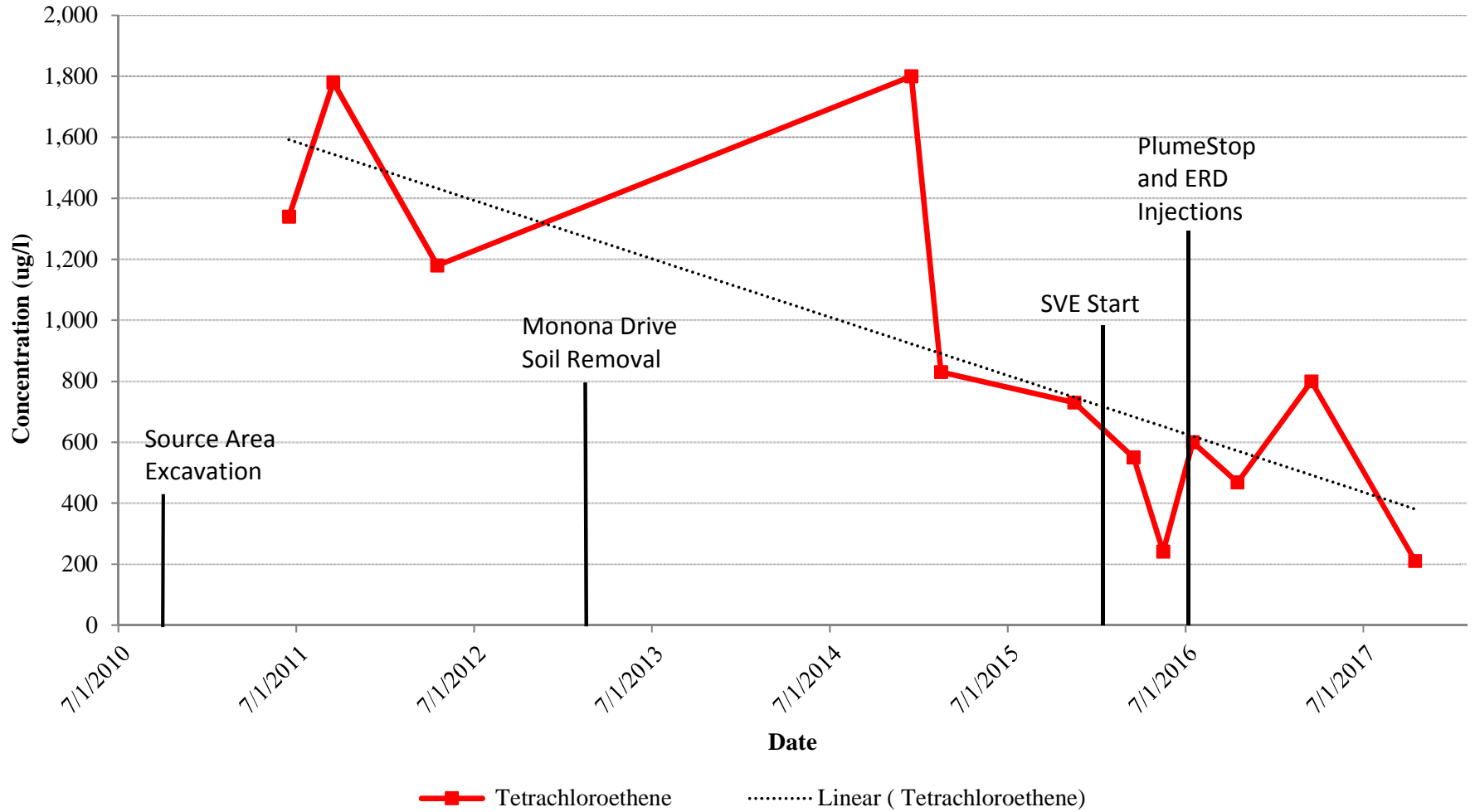
### MW-7 VOC Concentration Trends



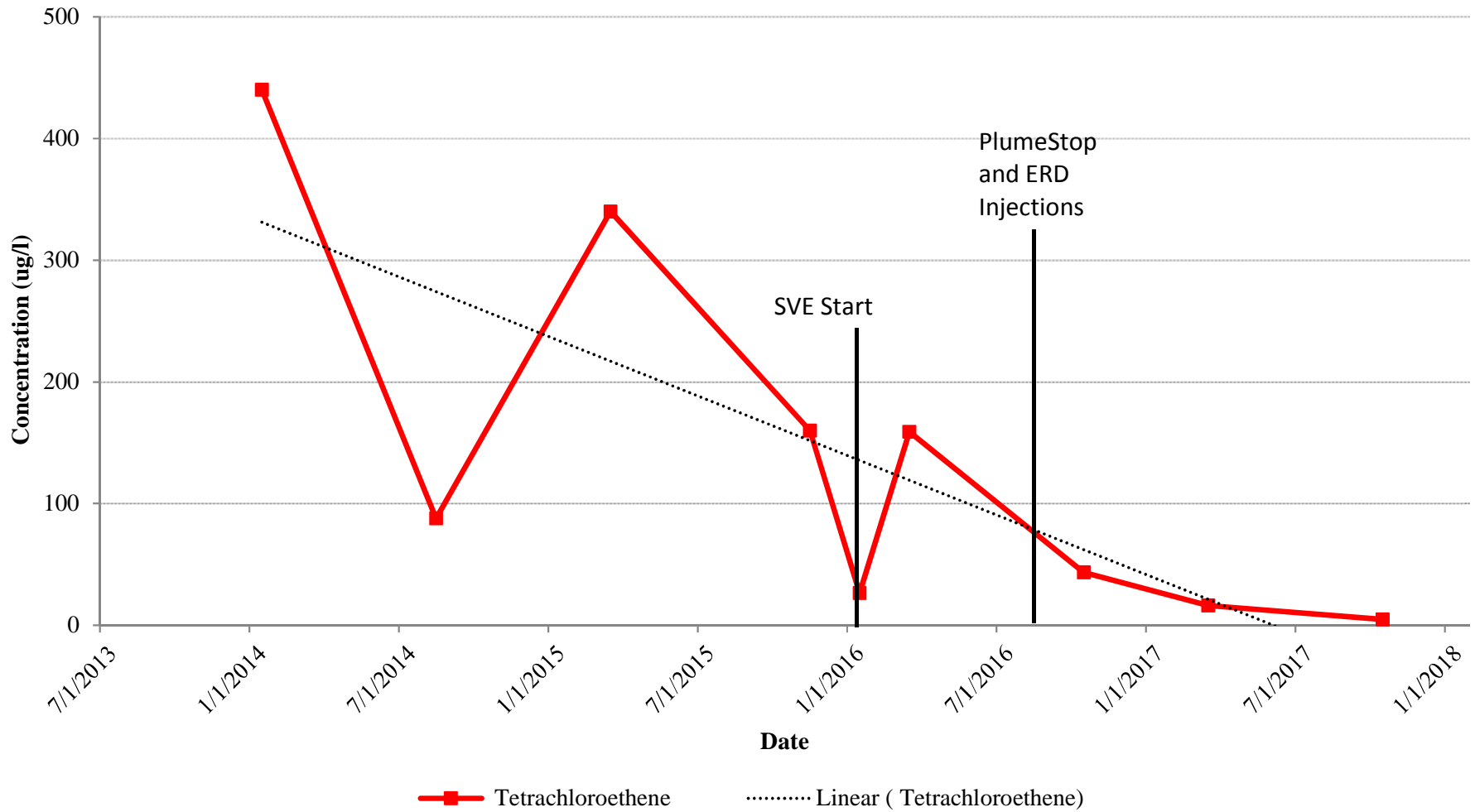
### MW-8 PCE Concentration Trend



### MW-9 PCE Concentration Trend



### CMT-3 Port 2 PCE Concentration Trend



**ATTACHMENT 2**

**GROUNDWATER FIELD SAMPLING FORMS**



PROJECT NAME Klinke Cleaners  
LOCATION/ADDRESS 4518 Monona Drive  
Madison, WI  
PROJECT NO. 6404  
CLIENT/CONTACT Rich and Steve Klinke

Well ID MW-2  
Sample ID 6404 - MW-2  
Screened Interval 47.6-57.6  
Sampler (print) N. Duda

Pump Placement:  
- If water level is above top of well screen, place pump in middle of well screen.  
- If water level is below top of well screen, place pump in middle of water column.

**WATER LEVEL MEASUREMENTS DURING GAUGING:**

Well Depth 57.58 feet  
Depth to Water 47.09 feet  
Well Diameter 2 inches  
Casing Volume 1.71 gallons  
Volume Removed 0.65 gallons  
Total No. of Casing Volumes Removed 0.38  
Date 10-2-17

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well

**SAMPLING METHOD:**

Low-Flow x  
Grab/No-purge \_\_\_\_\_  
Bailer<sup>1</sup> \_\_\_\_\_  
Peristaltic pump \_\_\_\_\_  
Submersible Pump x  
Passive Diffusion Bag<sup>2</sup> \_\_\_\_\_  
Other \_\_\_\_\_  
Pump Depth (ft below TOC) (if applicable) \_\_\_\_\_

**Stability Readings:** Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

Time	MUST BE STABLE			AT LEAST ONE MUST BE STABLE			Sampling DTW (ft)	Flow Rate (ml/min)	mL Removed
	Temperature (Celsius) +/- 3%	pH (S.U.) +/- 0.1	Specific Conductance (umSi/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxygen (mg/L) +/- 10%			
<del>10071016</del>							<u>47.10</u>		
<u>1621</u>	<u>19.40</u>	<u>7.09</u>	<u>4.72</u>	<u>-56</u>	<u>0.0</u>	<u>2.12</u>	<u>47.11</u>	<u>108</u>	<u>540</u>
<u>1026</u>	<u>18.73</u>	<u>7.09</u>	<u>4.74</u>	<u>-38</u>	<u>0.0</u>	<u>3.06</u>	<u>47.11</u>	<u>112</u>	<u>1000</u>
<u>1031</u>	<u>17.89</u>	<u>7.10</u>	<u>4.75</u>	<u>-6</u>	<u>1000+</u>	<u>4.06</u>	<u>47.12</u>	<u>104</u>	<u>1520</u>
<u>1036</u>	<u>17.78</u>	<u>7.10</u>	<u>4.76</u>	<u>13</u>	<u>697</u>	<u>4.36</u>	<u>47.12</u>	<u>96</u>	<u>2000</u>
<u>1041</u>	<u>17.91</u>	<u>7.10</u>	<u>4.77</u>	<u>24</u>	<u>555</u>	<u>4.65</u>	<u>47.13</u>	<u>96</u>	<u>2480</u>

**PURGE:** START Date 10-2-17 Time 1007  
**SAMPLING:** FINISH Date 10-2-17 Time 1045

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	<u>3</u>		NA	<u>-</u>	NA

NOTES:

**Sampler Signature:** N. Duda **Date:** 10-2-17

1. Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery of water in the well. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

2. Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

PROJECT NAME Klinke Cleaners  
LOCATION/ADDRESS 4518 Monona Drive  
Madison, WI  
PROJECT NO. 6404  
CLIENT/CONTACT Rich and Steve Klinke

Well ID CMT-3  
Sample ID 6404 - CMT-3  
Screened Interval 50.4-55.4  
Sampler (print) N. Duda

Pump Placement:  
- If water level is above top of well screen, place pump in middle of well screen.  
- If water level is below top of well screen, place pump in middle of water column.

**WATER LEVEL MEASUREMENTS DURING GAUGING:**

Well Depth 55.24 feet  
Depth to Water 46.67 feet  
Well Diameter 2 inches  
Casing Volume 1.40 gallons  
Volume Removed 0.48 gallons  
Total No. of Casing Volumes Removed 0.35  
Date 10-2-17

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well

**SAMPLING METHOD:**

Low-Flow x  
Grab/No-purge \_\_\_\_\_  
Bailer<sup>1</sup> \_\_\_\_\_  
Peristaltic pump \_\_\_\_\_  
Submersible Pump x  
Passive Diffusion Bag<sup>2</sup> \_\_\_\_\_  
Other \_\_\_\_\_  
Pump Depth (ft below TOC) (if applicable) \_\_\_\_\_

**Stability Readings:** Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

Time	MUST BE STABLE			AT LEAST ONE MUST BE STABLE			Sampling DTW (ft)	Flow Rate (ml/min)	Dissolved Oxygen (mg/L)	mL Removed
	Temperature (Celsius) +/- 3%	pH (S.U.) +/- 0.1	Specific Conductance (umSi/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxygen (mg/L) +/- 10%				
<u>1346</u>										
<u>1351</u>	<u>25.87</u>	<u>7.78</u>	<u>2.15</u>	<u>-132</u>	<u>296</u>	<u>8.28</u>	<u>-</u>	<u>75</u>	<u>375</u>	<u>x 5 min</u>
<u>1356</u>	<u>25.55</u>	<u>7.76</u>	<u>2.15</u>	<u>-136</u>	<u>237</u>	<u>8.26</u>	<u>-</u>	<u>75</u>	<u>750</u>	
<u>1401</u>	<u>24.91</u>	<u>7.76</u>	<u>2.13</u>	<u>-138</u>	<u>210</u>	<u>8.23</u>	<u>-</u>	<u>75</u>	<u>1125</u>	
<u>1406</u>	<u>24.95</u>	<u>7.76</u>	<u>2.13</u>	<u>-137</u>	<u>207</u>	<u>10.39</u>	<u>-</u>	<u>75</u>	<u>1500</u>	
<u>1411</u>	<u>24.98</u>	<u>7.75</u>	<u>2.13</u>	<u>-137</u>	<u>182</u>	<u>8.25</u>	<u>-</u>	<u>75</u>	<u>1875</u>	

PURGE: START Date 10-2-17 Time 1333  
SAMPLING: FINISH Date 10-2-17 Time 1411

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	<u>3</u>	<u>N</u>	NA	<u>-</u>	NA

NOTES:

Sampler Signature: N. Duda Date: 10-2-17

1. Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery of water in the well. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

2. Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.



PROJECT NAME Klinke Cleaners  
LOCATION/ADDRESS 4518 Monona Drive  
Madison, WI  
PROJECT NO. 6404  
CLIENT/CONTACT Rich and Steve Klinke

Well ID MW-83  
Sample ID 6404 - MW83  
Screened Interval 47-57  
Sampler (print) N. Duda

Pump Placement:  
- If water level is above top of well screen, place pump in middle of well screen.  
- If water level is below top of well screen, place pump in middle of water column.

**WATER LEVEL MEASUREMENTS DURING GAUGING:**

Well Depth ~~55.35~~ feet 56.61  
Depth to Water ~~92.77~~ feet 46.83  
Well Diameter 2 inches 2  
Casing Volume ~~1.72~~ gallons 1.59  
Volume Removed ~~1.59~~ gallons 0.73  
Total No. of Casing Volumes Removed 0.45  
Date 10-2-17

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well

**SAMPLING METHOD:**

Low-Flow x  
Grab/No-purge \_\_\_\_\_  
Bailer<sup>1</sup> \_\_\_\_\_  
Peristaltic pump \_\_\_\_\_  
Submersible Pump x  
Passive Diffusion Bag<sup>2</sup> \_\_\_\_\_  
Other \_\_\_\_\_  
Pump Depth (ft below TOC) (if applicable) \_\_\_\_\_

**Stability Readings:** Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

Time	MUST BE STABLE			AT LEAST ONE MUST BE STABLE			Sampling DTW (ft)	Flow Rate (ml/min)	mL Removed
	Temperature (Celsius) +/- 3%	pH (S.U.) +/- 0.1	Specific Conductance (umSi/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxygen (mg/L) +/- 10%			
<u>1452</u>							<u>46.83</u>		
<u>1457</u>	<u>23.79</u>	<u>7.25</u>	<u>13.1</u>	<u>-6</u>	<u>667</u>	<u>1.59</u>	<u>46.83</u>	<u>140</u>	<u>700</u>
<u>1502</u>	<u>22.95</u>	<u>7.23</u>	<u>13.6</u>	<u>-9</u>	<u>471</u>	<u>2.09</u>	<u>46.83</u>	<u>140</u>	<u>1,400</u>
<u>1507</u>	<u>23.51</u>	<u>7.20</u>	<u>13.7</u>	<u>-7</u>	<u>356</u>	<u>3.84</u>	<u>46.81</u>	<u>80</u>	<u>1,800</u>
<u>1512</u>	<u>23.98</u>	<u>7.21</u>	<u>12.8</u>	<u>-23</u>	<u>205</u>	<u>1.45</u>	<u>46.81</u>	<u>100</u>	<u>2,300</u>
<u>1517</u>	<u>24.08</u>	<u>7.22</u>	<u>12.1</u>	<u>-25</u>	<u>176</u>	<u>1.18</u>	<u>46.81</u>	<u>100</u>	<u>2,800</u>

PURGE: START Date 10-2-17 Time 12:39 - 1448  
SAMPLING: FINISH Date 10-2-17 Time 1520

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC 8260</u>	<u>40mL</u>	<u>VOA</u>	<u>6</u>	<u>N</u>	<u>NA</u>	<u>DUP-1</u>	<u>NA</u>

NOTES:

DUP 1

- Sampler Signature: N. Duda Date: 10-2-17
- Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery of water in the well. Record the time of purging and the time of sampling on the Groundwater Sampling Form.
  - Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

PROJECT NAME Klinke Cleaners  
LOCATION/ADDRESS 4518 Monona Drive  
Madison, WI  
PROJECT NO 6404  
CLIENT/CONTACT Rich and Steve Klinke

Well ID MW-4  
Sample ID 6404 - MW-4  
Screened Interval 47.8-57.8  
Sampler (print) N. Duda

Pump Placement:  
- If water level is above top of well screen, place pump in middle of well screen.  
- If water level is below top of well screen, place pump in middle of water column.

**WATER LEVEL MEASUREMENTS DURING GAUGING:**

Well Depth 57.63 feet  
Depth to Water 47.31 feet  
Well Diameter 2 inches  
Casing Volume 1.66 gallons  
Volume Removed 0.71 gallons  
Total No. of Casing Volumes Removed 0.42  
Date 10-2-17

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well

**SAMPLING METHOD:**

Low-Flow x  
Grab/No-purge \_\_\_\_\_  
Bailer<sup>1</sup> \_\_\_\_\_  
Peristaltic pump \_\_\_\_\_  
Submersible Pump x  
Passive Diffusion Bag<sup>2</sup> \_\_\_\_\_  
Other \_\_\_\_\_  
Pump Depth (ft below TOC) (if applicable) \_\_\_\_\_

**Stability Readings:** Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

Time	MUST BE STABLE			AT LEAST ONE MUST BE STABLE			Sampling DTW (ft)	Flow Rate (ml/min)	mL Removed
	Temperature (Celsius) +/- 3%	pH (S.U.) +/- 0.1	Specific Conductance (umSi/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxygen (mg/L) +/- 10%			
<u>851</u>									
<u>855</u>	<u>17.17</u>	<u>7.93</u>	<u>0.778</u>	<u>-137</u>	<u>610</u>	<u>3.73</u>	<u>47.33</u>	<u>92</u>	<u>460</u>
<u>900</u>	<u>17.03</u>	<u>7.30</u>	<u>0.761</u>	<u>-127</u>	<u>187</u>	<u>3.02</u>	<u>47.33</u>	<u>108</u>	<u>1,000</u>
<u>905</u>	<u>17.65</u>	<u>6.99</u>	<u>0.823</u>	<u>-135</u>	<u>769</u>	<u>3.75</u>	<u>47.49</u>	<u>116</u>	<u>1,580</u>
<u>910</u>	<u>17.28</u>	<u>6.99</u>	<u>0.895</u>	<u>-146</u>	<u>321</u>	<u>4.26</u>	<u>47.35</u>	<u>112</u>	<u>2,148</u>
<u>915</u>	<u>17.24</u>	<u>6.99</u>	<u>0.857</u>	<u>-153</u>	<u>221</u>	<u>4.18</u>	<u>47.33</u>	<u>112</u>	<u>2,700</u>

PURGE: START Date 10-2-17 Time 851  
SAMPLING: FINISH Date 10-2-17 Time 920

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC 8260</u>	<u>40mL</u>	<u>VOA</u>	<u>7</u>	<u>N</u>	<u>NA</u>	<u>-</u>	<u>NA</u>

NOTES:

Sampler Signature: [Signature] Date: 10-2-17

1. Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery of water in the well. Record the time of purging and the time of sampling on the Groundwater Sampling Form.  
2. Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

PROJECT NAME Klinke Cleaners  
LOCATION/ADDRESS 4518 Monona Drive  
Madison, WI  
PROJECT NO. 6404  
CLIENT/CONTACT Rich and Steve Klinke

Well ID MW-5  
Sample ID 6404 - MW-5  
Screened Interval 43.5-58.5  
Sampler (print) N. Duda

Pump Placement:  
- If water level is above top of well screen, place pump in middle of well screen.  
- If water level is below top of well screen, place pump in middle of water column.

**WATER LEVEL MEASUREMENTS DURING GAUGING:**

Well Depth 59.92 feet  
Depth to Water 46.65 feet  
Well Diameter 2 inches  
Casing Volume 2.16 gallons  
Volume Removed 0.96 gallons  
Total No. of Casing Volumes Removed 0.44  
Date 10-3-17

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well

**SAMPLING METHOD:**

Low-Flow x  
Grab/No-purge \_\_\_\_\_  
Bailer<sup>1</sup> \_\_\_\_\_  
Peristaltic pump \_\_\_\_\_  
Submersible Pump x  
Passive Diffusion Bag<sup>2</sup> \_\_\_\_\_  
Other \_\_\_\_\_  
Pump Depth (ft below TOC) (if applicable) \_\_\_\_\_

**Stability Readings:** Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

Time	MUST BE STABLE			AT LEAST ONE MUST BE STABLE			Sampling DTW (ft)	Flow Rate (ml/min)	mL Removed
	Temperature (Celsius) +/- 3%	pH (S.U.) +/- 0.1	Specific Conductance (umSi/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxygen (mg/L) +/- 10%			
<u>1526</u>							<u>46.77</u>		
<u>1531</u>	<u>18.96</u>	<u>7.40</u>	<u>1.35</u>	<u>123</u>	<u>692</u>	<u>5.03</u>	<u>46.75</u>	<u>152</u>	<u>760</u>
<u>1536</u>	<u>20.11</u>	<u>7.40</u>	<u>1.34</u>	<u>126</u>	<u>636</u>	<u>3.45</u>	<u>46.70</u>	<u>152</u>	<u>1520</u>
<u>1541</u>	<u>20.50</u>	<u>7.39</u>	<u>1.33</u>	<u>128</u>	<u>645</u>	<u>3.02</u>	<u>46.71</u>	<u>144</u>	<u>2,240</u>
<u>1546</u>	<u>20.90</u>	<u>7.39</u>	<u>1.32</u>	<u>131</u>	<u>681</u>	<u>2.74</u>	<u>46.70</u>	<u>140</u>	<u>2,440</u>
<u>1551</u>	<u>21.04</u>	<u>7.39</u>	<u>1.31</u>	<u>133</u>	<u>636</u>	<u>2.01</u>	<u>46.70</u>	<u>190</u>	<u>3,640</u>

PURGE: START Date 10-3-17 Time 1520  
SAMPLING: FINISH Date 10-3-17 Time 1555

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC 8260</u>	<u>40mL</u>	<u>VOA</u>	<u>3</u>	<u>N</u>	<u>NA</u>	<u>N</u>	<u>NA</u>

NOTES:

Sampler Signature: N. Duda Date: 10-3-17

- Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery of water in the well. Record the time of purging and the time of sampling on the Groundwater Sampling Form.
- Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

PROJECT NAME Klinke Cleaners  
 LOCATION/ADDRESS 4518 Monona Drive  
Madison, WI  
 PROJECT NO. 6404  
 CLIENT/CONTACT Rich and Steve Klinke

Well ID MW-7  
 Sample ID 6404 - MW-7  
 Screened Interval 42.3-57.3  
 Sampler (print) N. Duda

Pump Placement:  
 - If water level is above top of well screen, place pump in middle of well screen.  
 - If water level is below top of well screen, place pump in middle of water column.

**WATER LEVEL MEASUREMENTS DURING GAUGING:**

Well Depth 57.59 feet  
 Depth to Water 45.71 feet  
 Well Diameter 2 inches  
 Casing Volume 1.93 gallons  
 Volume Removed 0.63 gallons  
 Total No. of Casing Volumes Removed 0.32  
 Date 10-3-17

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well

**SAMPLING METHOD:**

Low-Flow x  
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump \_\_\_\_\_  
 Submersible Pump x  
 Passive Diffusion Bag<sup>2</sup> \_\_\_\_\_  
 Other \_\_\_\_\_  
 Pump Depth (ft below TOC) (if applicable) \_\_\_\_\_

**Stability Readings:** Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

Time	MUST BE STABLE			AT LEAST ONE MUST BE STABLE			Sampling DTW (ft)	Flow Rate (ml/min)	mL Removed
	Temperature (Celsius) +/- 3%	pH (S.U.) +/- 0.1	Specific Conductance (umSi/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxygen (mg/L) +/- 10%			
<u>1057</u>							<u>46.05</u>		
<u>1102</u>	<u>19.28</u>	<u>7.19</u>	<u>3.30</u>	<u>-185</u>	<u>119</u>	<u>0.00</u>	<u>46.05</u>	<u>96</u>	<u>480</u>
<u>1107</u>	<u>19.48</u>	<u>7.27</u>	<u>3.31</u>	<u>-207</u>	<u>158</u>	<u>0.00</u>	<u>46.04</u>	<u>96</u>	<u>960</u>
<u>1112</u>	<u>19.83</u>	<u>7.37</u>	<u>3.30</u>	<u>-237</u>	<u>203</u>	<u>0.00</u>	<u>46.04</u>	<u>96</u>	<u>1,440</u>
<u>1117</u>	<u>20.13</u>	<u>7.40</u>	<u>3.31</u>	<u>-254</u>	<u>240</u>	<u>0.00</u>	<u>46.04</u>	<u>96</u>	<u>1,920</u>
<u>1122</u>	<u>20.39</u>	<u>7.42</u>	<u>3.32</u>	<u>-271</u>	<u>256</u>	<u>0.00</u>	<u>46.04</u>	<u>96</u>	<u>2,400</u>

PURGE: START Date 10-3-17 Time 1050  
 SAMPLING: FINISH Date 10-3-17 Time 1130

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC 8260</u>	<u>40mL</u>	<u>VOA</u>	<u>3</u>	<u>N</u>	<u>NA</u>	<u>—</u>	<u>NA</u>

NOTES:

Sampler Signature: N. Duda Date: 10-3-17

- Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery of water in the well. Record the time of purging and the time of sampling on the Groundwater Sampling Form.
- Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

PROJECT NAME Klinke Cleaners  
LOCATION/ADDRESS 4518 Monona Drive  
Madison, WI  
PROJECT NO. 6404  
CLIENT/CONTACT Rich and Steve Klinke

Well ID MW-8  
Sample ID 6404 - MW-8  
Screened Interval 40.6 - 55.6  
Sampler (print) N. Duda

Pump Placement:  
- If water level is above top of well screen, place pump in middle of well screen.  
- If water level is below top of well screen, place pump in middle of water column.

**WATER LEVEL MEASUREMENTS DURING GAUGING:**

Well Depth 55.35 feet  
Depth to Water 42.77 feet  
Well Diameter 2 inches  
Casing Volume 1.72 gallons  
Volume Removed 0.60 gallons  
Total No. of Casing Volumes Removed 0.34  
Date 10-2-17

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well

**SAMPLING METHOD:**

Low-Flow x  
Grab/No-purge \_\_\_\_\_  
Bailer<sup>1</sup> \_\_\_\_\_  
Peristaltic pump \_\_\_\_\_  
Submersible Pump x  
Passive Diffusion Bag<sup>2</sup> \_\_\_\_\_  
Other \_\_\_\_\_  
Pump Depth (ft below TOC) (if applicable) \_\_\_\_\_

**Stability Readings:** Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

Time	MUST BE STABLE			AT LEAST ONE MUST BE STABLE			Sampling DTW (ft)	Flow Rate (ml/min)	mL Removed
	Temperature (Celsius) +/- 3%	pH (S.U.) +/- 0.1	Specific Conductance (umSi/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxygen (mg/L) +/- 10%			
<u>1239</u>							<u>42.82</u>		
<u>1244</u>	<u>21.27</u>	<u>7.50</u>	<u>2.46</u>	<u>93</u>	<u>165</u>	<u>6.10</u>	<u>42.82</u>	<u>80</u>	<u>400</u>
<u>1249</u>	<u>21.34</u>	<u>7.47</u>	<u>2.54</u>	<u>97</u>	<u>140</u>	<u>3.09</u>	<u>42.83</u>	<u>84</u>	<u>820</u>
<u>1254</u>	<u>22.96</u>	<u>7.44</u>	<u>2.52</u>	<u>107</u>	<u>144</u>	<u>3.23</u>	<u>42.81</u>	<u>84</u>	<u>1440</u>
<u>1259</u>	<u>24.04</u>	<u>7.41</u>	<u>2.52</u>	<u>107</u>	<u>96.2</u>	<u>3.19</u>	<u>42.81</u>	<u>84</u>	<u>1,860</u>
<u>1304</u>	<u>24.59</u>	<u>7.39</u>	<u>2.53</u>	<u>108</u>	<u>80.0</u>	<u>3.01</u>	<u>42.81</u>	<u>84</u>	<u>2,280</u>

PURGE: START Date 10-2-17 Time 1237  
SAMPLING: FINISH Date 10-2-17 Time 1310

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC 8260</u>	<u>40mL</u>	<u>VOA</u>	<u>3</u>	<u>N</u>	<u>NA</u>	<u>—</u>	<u>NA</u>

NOTES:

Sampler Signature: N. Duda Date: 10-2-17

- Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery of water in the well. Record the time of purging and the time of sampling on the Groundwater Sampling Form.
- Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

PROJECT NAME Klinke Cleaners  
 LOCATION/ADDRESS 4518 Monona Drive  
Madison, WI  
 PROJECT NO. 6404  
 CLIENT/CONTACT Rich and Steve Klinke

Well ID MW-9  
 Sample ID 6404 - MW-9  
 Screened Interval 50-65  
 Sampler (print) N. Duda

Pump Placement:  
 - If water level is above top of well screen, place pump in middle of well screen.  
 - If water level is below top of well screen, place pump in middle of water column.

**WATER LEVEL MEASUREMENTS DURING GAUGING:**

Well Depth 64.45 feet  
 Depth to Water 50.43 feet  
 Well Diameter 2 inches  
 Casing Volume 2.26 gallons  
 Volume Removed 1.08 gallons  
 Total No. of Casing Volumes Removed 0.47  
 Date 10-2-17

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well

**SAMPLING METHOD:**

Low-Flow x  
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump \_\_\_\_\_  
 Submersible Pump x  
 Passive Diffusion Bag<sup>2</sup> \_\_\_\_\_  
 Other \_\_\_\_\_  
 Pump Depth (ft below TOC) (if applicable) \_\_\_\_\_

**Stability Readings:** Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

Time	MUST BE STABLE			AT LEAST ONE MUST BE STABLE			Sampling DTW (ft)	Flow Rate (ml/min)	mL Removed
	Temperature (Celsius) +/- 3%	pH (S.U.) +/- 0.1	Specific Conductance (umSi/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxygen (mg/L) +/- 10%			
<u>1126</u>							<u>50.96</u>		
<u>1131</u>	<u>18.77</u>	<u>7.51</u>	<u>2.98</u>	<u>65</u>	<u>631</u>	<u>3.39</u>	<u>51.03</u>	<u>160</u>	<u>800</u>
<u>1136</u>	<u>18.90</u>	<u>7.49</u>	<u>2.85</u>	<u>78</u>	<u>443</u>	<u>2.50</u>	<u>51.11</u>	<u>164</u>	<u>1620</u>
<u>1141</u>	<u>19.33</u>	<u>7.47</u>	<u>2.80</u>	<u>81</u>	<u>410</u>	<u>3.11</u>	<u>51.09</u>	<u>168</u>	<u>2,460</u>
<u>1146</u>	<u>17.55</u>	<u>7.49</u>	<u>2.65</u>	<u>88</u>	<u>204</u>	<u>3.86</u>	<u>51.08</u>	<u>168</u>	<u>3,300</u>
<u>1151</u>	<u>17.10</u>	<u>7.51</u>	<u>2.55</u>	<u>91</u>	<u>161</u>	<u>3.83</u>	<u>51.06</u>	<u>164</u>	<u>4,120</u>

PURGE: START Date 10-2-17 Time 1118  
 SAMPLING: FINISH Date 10-2-17 Time 1155

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC 8260</u>	<u>40mL</u>	<u>VOA</u>	<u>3</u>	<u>N</u>	<u>NA</u>	<u>-</u>	<u>NA</u>

NOTES:

Sampler Signature: N. Duda Date: 10-2-17

1. Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery of water in the well. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

2. Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

PROJECT NAME Klinke Cleaners  
 LOCATION/ADDRESS 4518 Monona Drive  
Madison, WI  
 PROJECT NO. 6404  
 CLIENT/CONTACT Rich and Steve Klinke

Well ID MW-18  
 Sample ID 6404 - MW-18  
 Screened Interval 80.9-90.9  
 Sampler (print) N. Duda

Pump Placement:  
 - If water level is above top of well screen, place pump in middle of well screen.  
 - If water level is below top of well screen, place pump in middle of water column.

**WATER LEVEL MEASUREMENTS DURING GAUGING:**

Well Depth 89.73 feet  
 Depth to Water 38.27 feet  
 Well Diameter 2 inches  
 Casing Volume ~~4.65~~ gallons 8.38  
 Volume Removed 0.81 gallons  
 Total No. of Casing Volumes Removed 0.10  
 Date 10-3-17

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well

**SAMPLING METHOD:**

Low-Flow x  
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump \_\_\_\_\_  
 Submersible Pump x  
 Passive Diffusion Bag<sup>2</sup> \_\_\_\_\_  
 Other \_\_\_\_\_  
 Pump Depth (ft below TOC) (if applicable) \_\_\_\_\_

**Stability Readings:** Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

Time	MUST BE STABLE			AT LEAST ONE MUST BE STABLE			Sampling DTW (ft)	Flow Rate (ml/min)	mL Removed
	Temperature (Celsius) +/- 3%	pH (S.U.) +/- 0.1	Specific Conductance (umSi/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxygen (mg/L) +/- 10%			
<u>1654</u>							<u>39.15</u>		
<u>1659</u>	<u>22.72</u>	<u>7.54</u>	<u>0.806</u>	<u>134</u>	<u>0.0</u>	<u>1.40</u>	<u>39.16</u>	<u>88</u>	<u>440</u>
<u>1704</u>	<u>21.29</u>	<u>7.45</u>	<u>0.928</u>	<u>146</u>	<u>861</u>	<u>2.03</u>	<u>39.16</u>	<u>96</u>	<u>920</u>
<u>1709</u>	<u>22.10</u>	<u>7.43</u>	<u>0.827</u>	<u>148</u>	<u>797</u>	<u>1.43</u>	<u>39.16</u>	<u>96</u>	<u>1400</u>
<u>1714</u>	<u>21.83</u>	<u>7.41</u>	<u>0.986</u>	<u>153</u>	<u>429</u>	<u>1.77</u>	<u>39.17</u>	<u>112</u>	<u>1860</u>
<u>1719</u>	<u>19.07</u>	<u>7.42</u>	<u>0.873</u>	<u>157</u>	<u>304</u>	<u>2.34</u>	<u>39.17</u>	<u>112</u>	<u>2520</u>
<u>1724</u>	<u>18.59</u>	<u>7.41</u>	<u>0.946</u>	<u>160</u>	<u>222</u>	<u>1.99</u>	<u>39.18</u>	<u>112</u>	<u>3,080</u>

PURGE: START Date 10-3-17 Time 1642  
 SAMPLING: FINISH Date 10-3-17 Time 1732

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC 8260</u>	<u>40mL</u>	<u>VOA</u>	<u>3</u>	<u>y</u>	<u>NA</u>	<u>y</u>	<u>NA</u>

NOTES:

Sampler Signature: [Signature] Date: 10-3-17

1. Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery of water in the well. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

2. Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

PROJECT NAME Klinke Cleaners  
LOCATION/ADDRESS 4518 Monona Drive  
Madison, WI  
PROJECT NO. 6404  
CLIENT/CONTACT Rich and Steve Klinke

Well ID MW-22  
Sample ID 6404 - MW-22  
Screened Interval 53.4 - 63.4  
Sampler (print) N. Duda

Pump Placement:  
- If water level is above top of well screen, place pump in middle of well screen.  
- If water level is below top of well screen, place pump in middle of water column.

**WATER LEVEL MEASUREMENTS DURING GAUGING:**

Well Depth 24.40 feet  
Depth to Water 18.27 feet  
Well Diameter 2 inches  
Casing Volume 7.52 gallons  
Volume Removed \_\_\_\_\_ gallons  
Total No. of Casing Volumes Removed \_\_\_\_\_  
Date 10-3-17

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well

**SAMPLING METHOD:**

Low-Flow x  
Grab/No-purge \_\_\_\_\_  
Bailer<sup>1</sup> \_\_\_\_\_  
Peristaltic pump \_\_\_\_\_  
Submersible Pump x  
Passive Diffusion Bag<sup>2</sup> \_\_\_\_\_  
Other \_\_\_\_\_  
Pump Depth (ft below TOC) (if applicable) \_\_\_\_\_

**Stability Readings:** Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

Time	MUST BE STABLE			AT LEAST ONE MUST BE STABLE			Sampling DTW (ft)	Flow Rate (ml/min)	mL Removed
	Temperature (Celsius) +/- 3%	pH (S.U.) +/- 0.1	Specific Conductance (umSi/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxygen (mg/L) +/- 10%			
<u>1424</u>							<u>18.62</u>		
<u>1429</u>	<u>16.82</u>	<u>7.26</u>	<u>0.978</u>	<u>114</u>	<u>50.7</u>	<u>5.64</u>	<u>18.34</u>	<u>156</u>	<u>780</u>
<u>1434</u>	<u>17.33</u>	<u>7.31</u>	<u>0.982</u>	<u>112</u>	<u>61.0</u>	<u>5.12</u>	<u>18.35</u>	<u>124</u>	<u>1,400</u>
<u>1439</u>	<u>17.72</u>	<u>7.31</u>	<u>0.985</u>	<u>116</u>	<u>64.2</u>	<u>4.96</u>	<u>18.35</u>	<u>100</u>	<u>1,900</u>
<u>1444</u>	<u>17.96</u>	<u>7.31</u>	<u>0.991</u>	<u>118</u>	<u>66.3</u>	<u>4.35</u>	<u>18.34</u>	<u>100</u>	<u>2,400</u>
<u>1449</u>	<u>18.11</u>	<u>7.33</u>	<u>0.992</u>	<u>121</u>	<u>67.9</u>	<u>3.80</u>	<u>18.34</u>	<u>100</u>	<u>2,900</u>

PURGE: START Date 10-3-17 Time 1422  
SAMPLING: FINISH Date 10-3-17 Time 1455

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	<u>3</u>	<u>N</u>	NA	<u>N</u>	NA

NOTES:

**Sampler Signature:** [Signature] **Date:** 10-3-17

- Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery of water in the well. Record the time of purging and the time of sampling on the Groundwater Sampling Form.
- Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.



**ATTACHMENT 3**  
**LABORATORY ANALYTICAL REPORT**

October 11, 2017

Brian Kappen  
Enviroforensics  
N16 W23390 Stone Ridge Drive  
Suite G  
Waukesha, WI 53188

RE: Project: 6404 KLINKE CLEANERS  
Pace Project No.: 40158123

Dear Brian Kappen:

Enclosed are the analytical results for sample(s) received by the laboratory on October 06, 2017. 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  
(920)469-2436  
Project Manager

Enclosures

cc: Kyle Heimstead, EnviroForensics



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

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### 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

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40158123001	6404-MW-7	Water	10/03/17 11:30	10/06/17 09:35
40158123002	6404-MW-22	Water	10/03/17 14:55	10/06/17 09:35
40158123003	6404-MW-18	Water	10/03/17 17:32	10/06/17 09:35
40158123004	6404-MW-1	Water	10/03/17 12:42	10/06/17 09:35
40158123005	6404-MW-5	Water	10/03/17 15:55	10/06/17 09:35
40158123006	6404-MW-9	Water	10/02/17 11:55	10/06/17 09:35
40158123007	6404-MW-8	Water	10/02/17 13:10	10/06/17 09:35
40158123008	6404-MW-2	Water	10/02/17 10:45	10/06/17 09:35
40158123009	6404-MW-4	Water	10/02/17 09:20	10/06/17 09:35
40158123010	6404-CMT-3-2	Water	10/02/17 14:11	10/06/17 09:35
40158123011	6404-MW-3	Water	10/02/17 15:20	10/06/17 09:35
40158123012	6404-DUP-1	Water	10/02/17 00:00	10/06/17 09:35
40158123013	6404-DUP-2	Water	10/03/17 00:00	10/06/17 09:35
40158123014	6404-EB-1	Water	10/02/17 15:50	10/06/17 09:35
40158123015	6404-EB-2	Water	10/03/17 17:50	10/06/17 09:35
40158123016	TRIP BLANK	Water	10/03/17 00:00	10/06/17 09:35

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### SAMPLE ANALYTE COUNT

Project: 6404 KLINKE CLEANERS  
Pace Project No.: 40158123

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40158123001	6404-MW-7	EPA 8260	LAP	64	PASI-G
40158123002	6404-MW-22	EPA 8260	LAP	64	PASI-G
40158123003	6404-MW-18	EPA 8260	LAP	64	PASI-G
40158123004	6404-MW-1	EPA 8260	LAP	64	PASI-G
40158123005	6404-MW-5	EPA 8260	LAP	64	PASI-G
40158123006	6404-MW-9	EPA 8260	LAP	64	PASI-G
40158123007	6404-MW-8	EPA 8260	LAP	64	PASI-G
40158123008	6404-MW-2	EPA 8260	LAP	64	PASI-G
40158123009	6404-MW-4	EPA 8260	LAP	64	PASI-G
40158123010	6404-CMT-3-2	EPA 8260	LAP	64	PASI-G
40158123011	6404-MW-3	EPA 8260	LAP	64	PASI-G
40158123012	6404-DUP-1	EPA 8260	LAP	64	PASI-G
40158123013	6404-DUP-2	EPA 8260	LAP	64	PASI-G
40158123014	6404-EB-1	EPA 8260	LAP	64	PASI-G
40158123015	6404-EB-2	EPA 8260	LAP	64	PASI-G
40158123016	TRIP BLANK	EPA 8260	LAP	64	PASI-G

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### SUMMARY OF DETECTION

Project: 6404 KLINKE CLEANERS  
Pace Project No.: 40158123

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40158123001</b>	<b>6404-MW-7</b>					
EPA 8260	cis-1,2-Dichloroethene	34.7	ug/L	1.0	10/10/17 14:53	
EPA 8260	Tetrachloroethene	9.5	ug/L	1.0	10/10/17 14:53	
EPA 8260	Trichloroethene	0.37J	ug/L	1.0	10/10/17 14:53	
EPA 8260	Vinyl chloride	8.2	ug/L	1.0	10/10/17 14:53	
<b>40158123002</b>	<b>6404-MW-22</b>					
EPA 8260	Tetrachloroethene	97.2	ug/L	2.0	10/10/17 10:24	
<b>40158123003</b>	<b>6404-MW-18</b>					
EPA 8260	cis-1,2-Dichloroethene	0.72J	ug/L	1.0	10/10/17 12:39	
EPA 8260	Tetrachloroethene	26.3	ug/L	1.0	10/10/17 12:39	
<b>40158123004</b>	<b>6404-MW-1</b>					
EPA 8260	Benzene	2.0	ug/L	1.0	10/10/17 08:54	
EPA 8260	cis-1,2-Dichloroethene	41.7	ug/L	1.0	10/10/17 08:54	
EPA 8260	Tetrachloroethene	43.1	ug/L	1.0	10/10/17 08:54	
EPA 8260	Trichloroethene	3.2	ug/L	1.0	10/10/17 08:54	
EPA 8260	Vinyl chloride	11.4	ug/L	1.0	10/10/17 08:54	
<b>40158123005</b>	<b>6404-MW-5</b>					
EPA 8260	cis-1,2-Dichloroethene	0.38J	ug/L	1.0	10/10/17 12:16	
EPA 8260	Tetrachloroethene	35.9	ug/L	1.0	10/10/17 12:16	
<b>40158123006</b>	<b>6404-MW-9</b>					
EPA 8260	cis-1,2-Dichloroethene	7.1	ug/L	1.0	10/10/17 11:09	
EPA 8260	Tetrachloroethene	210	ug/L	1.0	10/10/17 11:09	
EPA 8260	Trichloroethene	2.2	ug/L	1.0	10/10/17 11:09	
EPA 8260	Vinyl chloride	0.70J	ug/L	1.0	10/10/17 11:09	
<b>40158123007</b>	<b>6404-MW-8</b>					
EPA 8260	Tetrachloroethene	4.1	ug/L	1.0	10/10/17 11:31	
<b>40158123008</b>	<b>6404-MW-2</b>					
EPA 8260	cis-1,2-Dichloroethene	1.5	ug/L	1.0	10/10/17 15:15	
EPA 8260	Tetrachloroethene	56.9	ug/L	1.0	10/10/17 15:15	
EPA 8260	Trichloroethene	1.1	ug/L	1.0	10/10/17 15:15	
EPA 8260	Vinyl chloride	0.20J	ug/L	1.0	10/10/17 15:15	
<b>40158123009</b>	<b>6404-MW-4</b>					
EPA 8260	cis-1,2-Dichloroethene	117	ug/L	2.5	10/10/17 09:39	
EPA 8260	trans-1,2-Dichloroethene	1.1J	ug/L	2.5	10/10/17 09:39	
EPA 8260	Tetrachloroethene	8.0	ug/L	2.5	10/10/17 09:39	
EPA 8260	Trichloroethene	2.9	ug/L	2.5	10/10/17 09:39	
EPA 8260	Vinyl chloride	26.5	ug/L	2.5	10/10/17 09:39	
<b>40158123010</b>	<b>6404-CMT-3-2</b>					
EPA 8260	cis-1,2-Dichloroethene	35.9	ug/L	1.0	10/10/17 10:46	
EPA 8260	Tetrachloroethene	4.8	ug/L	1.0	10/10/17 10:46	
EPA 8260	Trichloroethene	0.70J	ug/L	1.0	10/10/17 10:46	
EPA 8260	Vinyl chloride	6.1	ug/L	1.0	10/10/17 10:46	

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## SUMMARY OF DETECTION

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40158123011</b>	<b>6404-MW-3</b>					
EPA 8260	cis-1,2-Dichloroethene	1.4	ug/L	1.0	10/10/17 11:54	
EPA 8260	Tetrachloroethene	30.8	ug/L	1.0	10/10/17 11:54	
EPA 8260	Trichloroethene	0.43J	ug/L	1.0	10/10/17 11:54	
<b>40158123012</b>	<b>6404-DUP-1</b>					
EPA 8260	cis-1,2-Dichloroethene	1.3	ug/L	1.0	10/10/17 14:08	
EPA 8260	Tetrachloroethene	30.2	ug/L	1.0	10/10/17 14:08	
EPA 8260	Trichloroethene	0.42J	ug/L	1.0	10/10/17 14:08	
<b>40158123013</b>	<b>6404-DUP-2</b>					
EPA 8260	Benzene	1.6J	ug/L	2.0	10/10/17 14:30	
EPA 8260	cis-1,2-Dichloroethene	41.4	ug/L	2.0	10/10/17 14:30	
EPA 8260	Tetrachloroethene	34.0	ug/L	2.0	10/10/17 14:30	
EPA 8260	Trichloroethene	2.9	ug/L	2.0	10/10/17 14:30	
EPA 8260	Vinyl chloride	8.3	ug/L	2.0	10/10/17 14:30	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

Sample: 6404-MW-7 Lab ID: 40158123001 Collected: 10/03/17 11:30 Received: 10/06/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/10/17 14:53	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/10/17 14:53	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/10/17 14:53	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 14:53	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/10/17 14:53	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/10/17 14:53	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/10/17 14:53	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/10/17 14:53	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/10/17 14:53	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/10/17 14:53	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/10/17 14:53	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/10/17 14:53	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/10/17 14:53	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/10/17 14:53	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/10/17 14:53	75-35-4	
cis-1,2-Dichloroethene	34.7	ug/L	1.0	0.26	1		10/10/17 14:53	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 14:53	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/10/17 14:53	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/10/17 14:53	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/10/17 14:53	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/10/17 14:53	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/10/17 14:53	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/10/17 14:53	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/10/17 14:53	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/10/17 14:53	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/10/17 14:53	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/10/17 14:53	630-20-6	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-7**      **Lab ID: 40158123001**      Collected: 10/03/17 11:30      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		10/10/17 14:53	79-34-5	
Tetrachloroethene	9.5	ug/L	1.0	0.50	1		10/10/17 14:53	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/10/17 14:53	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 14:53	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/10/17 14:53	79-00-5	
Trichloroethene	0.37J	ug/L	1.0	0.33	1		10/10/17 14:53	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/10/17 14:53	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	108-67-8	
Vinyl chloride	8.2	ug/L	1.0	0.18	1		10/10/17 14:53	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/10/17 14:53	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:53	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	61-130		1		10/10/17 14:53	460-00-4	
Dibromofluoromethane (S)	123	%	67-130		1		10/10/17 14:53	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		10/10/17 14:53	2037-26-5	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

Sample: 6404-MW-22 Lab ID: 40158123002 Collected: 10/03/17 14:55 Received: 10/06/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	71-43-2	
Bromobenzene	<0.46	ug/L	2.0	0.46	2		10/10/17 10:24	108-86-1	
Bromochloromethane	<0.68	ug/L	2.0	0.68	2		10/10/17 10:24	74-97-5	
Bromodichloromethane	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	75-27-4	
Bromoform	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	75-25-2	
Bromomethane	<4.9	ug/L	10.0	4.9	2		10/10/17 10:24	74-83-9	
n-Butylbenzene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	104-51-8	
sec-Butylbenzene	<4.4	ug/L	10.0	4.4	2		10/10/17 10:24	135-98-8	
tert-Butylbenzene	<0.36	ug/L	2.0	0.36	2		10/10/17 10:24	98-06-6	
Carbon tetrachloride	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	56-23-5	
Chlorobenzene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	108-90-7	
Chloroethane	<0.75	ug/L	2.0	0.75	2		10/10/17 10:24	75-00-3	
Chloroform	<5.0	ug/L	10.0	5.0	2		10/10/17 10:24	67-66-3	
Chloromethane	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	74-87-3	
2-Chlorotoluene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	95-49-8	
4-Chlorotoluene	<0.43	ug/L	2.0	0.43	2		10/10/17 10:24	106-43-4	
1,2-Dibromo-3-chloropropane	<4.3	ug/L	10.0	4.3	2		10/10/17 10:24	96-12-8	
Dibromochloromethane	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	124-48-1	
1,2-Dibromoethane (EDB)	<0.36	ug/L	2.0	0.36	2		10/10/17 10:24	106-93-4	
Dibromomethane	<0.85	ug/L	2.0	0.85	2		10/10/17 10:24	74-95-3	
1,2-Dichlorobenzene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	95-50-1	
1,3-Dichlorobenzene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	541-73-1	
1,4-Dichlorobenzene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	106-46-7	
Dichlorodifluoromethane	<0.45	ug/L	2.0	0.45	2		10/10/17 10:24	75-71-8	
1,1-Dichloroethane	<0.48	ug/L	2.0	0.48	2		10/10/17 10:24	75-34-3	
1,2-Dichloroethane	<0.34	ug/L	2.0	0.34	2		10/10/17 10:24	107-06-2	
1,1-Dichloroethene	<0.82	ug/L	2.0	0.82	2		10/10/17 10:24	75-35-4	
cis-1,2-Dichloroethene	<0.51	ug/L	2.0	0.51	2		10/10/17 10:24	156-59-2	
trans-1,2-Dichloroethene	<0.51	ug/L	2.0	0.51	2		10/10/17 10:24	156-60-5	
1,2-Dichloropropane	<0.47	ug/L	2.0	0.47	2		10/10/17 10:24	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	142-28-9	
2,2-Dichloropropane	<0.97	ug/L	2.0	0.97	2		10/10/17 10:24	594-20-7	
1,1-Dichloropropene	<0.88	ug/L	2.0	0.88	2		10/10/17 10:24	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	10061-01-5	
trans-1,3-Dichloropropene	<0.46	ug/L	2.0	0.46	2		10/10/17 10:24	10061-02-6	
Diisopropyl ether	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	108-20-3	
Ethylbenzene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	100-41-4	
Hexachloro-1,3-butadiene	<4.2	ug/L	10.0	4.2	2		10/10/17 10:24	87-68-3	
Isopropylbenzene (Cumene)	<0.29	ug/L	2.0	0.29	2		10/10/17 10:24	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	99-87-6	
Methylene Chloride	<0.47	ug/L	2.0	0.47	2		10/10/17 10:24	75-09-2	
Methyl-tert-butyl ether	<0.35	ug/L	2.0	0.35	2		10/10/17 10:24	1634-04-4	
Naphthalene	<5.0	ug/L	10.0	5.0	2		10/10/17 10:24	91-20-3	
n-Propylbenzene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	103-65-1	
Styrene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	2.0	0.36	2		10/10/17 10:24	630-20-6	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-22**      **Lab ID: 40158123002**      Collected: 10/03/17 14:55      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.50	ug/L	2.0	0.50	2		10/10/17 10:24	79-34-5	
Tetrachloroethene	97.2	ug/L	2.0	1.0	2		10/10/17 10:24	127-18-4	
Toluene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	108-88-3	
1,2,3-Trichlorobenzene	<4.3	ug/L	10.0	4.3	2		10/10/17 10:24	87-61-6	
1,2,4-Trichlorobenzene	<4.4	ug/L	10.0	4.4	2		10/10/17 10:24	120-82-1	
1,1,1-Trichloroethane	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	2.0	0.39	2		10/10/17 10:24	79-00-5	
Trichloroethene	<0.66	ug/L	2.0	0.66	2		10/10/17 10:24	79-01-6	
Trichlorofluoromethane	<0.37	ug/L	2.0	0.37	2		10/10/17 10:24	75-69-4	L1
1,2,3-Trichloropropane	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	108-67-8	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		10/10/17 10:24	75-01-4	
m&p-Xylene	<2.0	ug/L	4.0	2.0	2		10/10/17 10:24	179601-23-1	
o-Xylene	<1.0	ug/L	2.0	1.0	2		10/10/17 10:24	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	61-130		2		10/10/17 10:24	460-00-4	
Dibromofluoromethane (S)	121	%	67-130		2		10/10/17 10:24	1868-53-7	
Toluene-d8 (S)	95	%	70-130		2		10/10/17 10:24	2037-26-5	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-18**      **Lab ID: 40158123003**      Collected: 10/03/17 17:32      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/10/17 12:39	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/10/17 12:39	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/10/17 12:39	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 12:39	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/10/17 12:39	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/10/17 12:39	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/10/17 12:39	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/10/17 12:39	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/10/17 12:39	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/10/17 12:39	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/10/17 12:39	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/10/17 12:39	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/10/17 12:39	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/10/17 12:39	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/10/17 12:39	75-35-4	
cis-1,2-Dichloroethene	0.72J	ug/L	1.0	0.26	1		10/10/17 12:39	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 12:39	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/10/17 12:39	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/10/17 12:39	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/10/17 12:39	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/10/17 12:39	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/10/17 12:39	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/10/17 12:39	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/10/17 12:39	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/10/17 12:39	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/10/17 12:39	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/10/17 12:39	630-20-6	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-18**      **Lab ID: 40158123003**      Collected: 10/03/17 17:32      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		10/10/17 12:39	79-34-5	
Tetrachloroethene	26.3	ug/L	1.0	0.50	1		10/10/17 12:39	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/10/17 12:39	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 12:39	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/10/17 12:39	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/10/17 12:39	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/10/17 12:39	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/10/17 12:39	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/10/17 12:39	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:39	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	61-130		1		10/10/17 12:39	460-00-4	
Dibromofluoromethane (S)	123	%	67-130		1		10/10/17 12:39	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		10/10/17 12:39	2037-26-5	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-1**      **Lab ID: 40158123004**      Collected: 10/03/17 12:42      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	2.0	ug/L	1.0	0.50	1		10/10/17 08:54	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/10/17 08:54	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/10/17 08:54	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/10/17 08:54	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 08:54	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/10/17 08:54	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/10/17 08:54	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/10/17 08:54	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/10/17 08:54	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/10/17 08:54	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/10/17 08:54	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/10/17 08:54	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/10/17 08:54	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/10/17 08:54	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/10/17 08:54	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/10/17 08:54	75-35-4	
cis-1,2-Dichloroethene	41.7	ug/L	1.0	0.26	1		10/10/17 08:54	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 08:54	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/10/17 08:54	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/10/17 08:54	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/10/17 08:54	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/10/17 08:54	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/10/17 08:54	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/10/17 08:54	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/10/17 08:54	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/10/17 08:54	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/10/17 08:54	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/10/17 08:54	630-20-6	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-1**      **Lab ID: 40158123004**      Collected: 10/03/17 12:42      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		10/10/17 08:54	79-34-5	
Tetrachloroethene	43.1	ug/L	1.0	0.50	1		10/10/17 08:54	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/10/17 08:54	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 08:54	120-82-1	M1
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/10/17 08:54	79-00-5	
Trichloroethene	3.2	ug/L	1.0	0.33	1		10/10/17 08:54	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/10/17 08:54	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	108-67-8	
Vinyl chloride	11.4	ug/L	1.0	0.18	1		10/10/17 08:54	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/10/17 08:54	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/10/17 08:54	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	61-130		1		10/10/17 08:54	460-00-4	
Dibromofluoromethane (S)	118	%	67-130		1		10/10/17 08:54	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		10/10/17 08:54	2037-26-5	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

Sample: 6404-MW-5 Lab ID: 40158123005 Collected: 10/03/17 15:55 Received: 10/06/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/10/17 12:16	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/10/17 12:16	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/10/17 12:16	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 12:16	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/10/17 12:16	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/10/17 12:16	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/10/17 12:16	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/10/17 12:16	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/10/17 12:16	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/10/17 12:16	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/10/17 12:16	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/10/17 12:16	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/10/17 12:16	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/10/17 12:16	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/10/17 12:16	75-35-4	
cis-1,2-Dichloroethene	0.38J	ug/L	1.0	0.26	1		10/10/17 12:16	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 12:16	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/10/17 12:16	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/10/17 12:16	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/10/17 12:16	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/10/17 12:16	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/10/17 12:16	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/10/17 12:16	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/10/17 12:16	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/10/17 12:16	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/10/17 12:16	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/10/17 12:16	630-20-6	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-5**      **Lab ID: 40158123005**      Collected: 10/03/17 15:55      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		10/10/17 12:16	79-34-5	
Tetrachloroethene	35.9	ug/L	1.0	0.50	1		10/10/17 12:16	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/10/17 12:16	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 12:16	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/10/17 12:16	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/10/17 12:16	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/10/17 12:16	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/10/17 12:16	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/10/17 12:16	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/10/17 12:16	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	61-130		1		10/10/17 12:16	460-00-4	
Dibromofluoromethane (S)	123	%	67-130		1		10/10/17 12:16	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		10/10/17 12:16	2037-26-5	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-9**      **Lab ID: 40158123006**      Collected: 10/02/17 11:55      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/10/17 11:09	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/10/17 11:09	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/10/17 11:09	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 11:09	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/10/17 11:09	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/10/17 11:09	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/10/17 11:09	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/10/17 11:09	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/10/17 11:09	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/10/17 11:09	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/10/17 11:09	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/10/17 11:09	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/10/17 11:09	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/10/17 11:09	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/10/17 11:09	75-35-4	
cis-1,2-Dichloroethene	7.1	ug/L	1.0	0.26	1		10/10/17 11:09	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 11:09	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/10/17 11:09	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/10/17 11:09	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/10/17 11:09	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/10/17 11:09	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/10/17 11:09	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/10/17 11:09	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/10/17 11:09	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/10/17 11:09	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/10/17 11:09	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/10/17 11:09	630-20-6	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-9**      **Lab ID: 40158123006**      Collected: 10/02/17 11:55      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		10/10/17 11:09	79-34-5	
Tetrachloroethene	210	ug/L	1.0	0.50	1		10/10/17 11:09	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/10/17 11:09	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 11:09	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/10/17 11:09	79-00-5	
Trichloroethene	2.2	ug/L	1.0	0.33	1		10/10/17 11:09	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/10/17 11:09	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	108-67-8	
Vinyl chloride	0.70J	ug/L	1.0	0.18	1		10/10/17 11:09	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/10/17 11:09	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:09	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	61-130		1		10/10/17 11:09	460-00-4	
Dibromofluoromethane (S)	122	%	67-130		1		10/10/17 11:09	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		10/10/17 11:09	2037-26-5	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

Sample: **6404-MW-8** Lab ID: **40158123007** Collected: 10/02/17 13:10 Received: 10/06/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/10/17 11:31	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/10/17 11:31	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/10/17 11:31	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 11:31	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/10/17 11:31	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/10/17 11:31	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/10/17 11:31	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/10/17 11:31	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/10/17 11:31	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/10/17 11:31	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/10/17 11:31	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/10/17 11:31	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/10/17 11:31	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/10/17 11:31	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/10/17 11:31	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 11:31	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 11:31	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/10/17 11:31	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/10/17 11:31	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/10/17 11:31	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/10/17 11:31	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/10/17 11:31	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/10/17 11:31	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/10/17 11:31	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/10/17 11:31	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/10/17 11:31	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/10/17 11:31	630-20-6	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-8**      **Lab ID: 40158123007**      Collected: 10/02/17 13:10      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		10/10/17 11:31	79-34-5	
Tetrachloroethene	4.1	ug/L	1.0	0.50	1		10/10/17 11:31	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/10/17 11:31	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 11:31	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/10/17 11:31	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/10/17 11:31	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/10/17 11:31	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/10/17 11:31	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/10/17 11:31	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:31	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	61-130		1		10/10/17 11:31	460-00-4	
Dibromofluoromethane (S)	125	%	67-130		1		10/10/17 11:31	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		10/10/17 11:31	2037-26-5	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-2**      **Lab ID: 40158123008**      Collected: 10/02/17 10:45      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/10/17 15:15	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/10/17 15:15	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/10/17 15:15	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 15:15	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/10/17 15:15	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/10/17 15:15	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/10/17 15:15	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/10/17 15:15	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/10/17 15:15	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/10/17 15:15	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/10/17 15:15	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/10/17 15:15	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/10/17 15:15	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/10/17 15:15	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/10/17 15:15	75-35-4	
cis-1,2-Dichloroethene	1.5	ug/L	1.0	0.26	1		10/10/17 15:15	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 15:15	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/10/17 15:15	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/10/17 15:15	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/10/17 15:15	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/10/17 15:15	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/10/17 15:15	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/10/17 15:15	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/10/17 15:15	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/10/17 15:15	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/10/17 15:15	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/10/17 15:15	630-20-6	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-2**      **Lab ID: 40158123008**      Collected: 10/02/17 10:45      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		10/10/17 15:15	79-34-5	
Tetrachloroethene	56.9	ug/L	1.0	0.50	1		10/10/17 15:15	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/10/17 15:15	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 15:15	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/10/17 15:15	79-00-5	
Trichloroethene	1.1	ug/L	1.0	0.33	1		10/10/17 15:15	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/10/17 15:15	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	108-67-8	
Vinyl chloride	0.20J	ug/L	1.0	0.18	1		10/10/17 15:15	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/10/17 15:15	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/10/17 15:15	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	61-130		1		10/10/17 15:15	460-00-4	
Dibromofluoromethane (S)	123	%	67-130		1		10/10/17 15:15	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		10/10/17 15:15	2037-26-5	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

Sample: 6404-MW-4 Lab ID: 40158123009 Collected: 10/02/17 09:20 Received: 10/06/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	71-43-2	
Bromobenzene	<0.58	ug/L	2.5	0.58	2.5		10/10/17 09:39	108-86-1	
Bromochloromethane	<0.85	ug/L	2.5	0.85	2.5		10/10/17 09:39	74-97-5	
Bromodichloromethane	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	75-27-4	
Bromoform	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	75-25-2	
Bromomethane	<6.1	ug/L	12.5	6.1	2.5		10/10/17 09:39	74-83-9	
n-Butylbenzene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	104-51-8	
sec-Butylbenzene	<5.5	ug/L	12.5	5.5	2.5		10/10/17 09:39	135-98-8	
tert-Butylbenzene	<0.45	ug/L	2.5	0.45	2.5		10/10/17 09:39	98-06-6	
Carbon tetrachloride	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	56-23-5	
Chlorobenzene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	108-90-7	
Chloroethane	<0.94	ug/L	2.5	0.94	2.5		10/10/17 09:39	75-00-3	
Chloroform	<6.2	ug/L	12.5	6.2	2.5		10/10/17 09:39	67-66-3	
Chloromethane	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	74-87-3	
2-Chlorotoluene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	95-49-8	
4-Chlorotoluene	<0.53	ug/L	2.5	0.53	2.5		10/10/17 09:39	106-43-4	
1,2-Dibromo-3-chloropropane	<5.4	ug/L	12.5	5.4	2.5		10/10/17 09:39	96-12-8	
Dibromochloromethane	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	124-48-1	
1,2-Dibromoethane (EDB)	<0.44	ug/L	2.5	0.44	2.5		10/10/17 09:39	106-93-4	
Dibromomethane	<1.1	ug/L	2.5	1.1	2.5		10/10/17 09:39	74-95-3	
1,2-Dichlorobenzene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	95-50-1	
1,3-Dichlorobenzene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	541-73-1	
1,4-Dichlorobenzene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	106-46-7	
Dichlorodifluoromethane	<0.56	ug/L	2.5	0.56	2.5		10/10/17 09:39	75-71-8	
1,1-Dichloroethane	<0.60	ug/L	2.5	0.60	2.5		10/10/17 09:39	75-34-3	
1,2-Dichloroethane	<0.42	ug/L	2.5	0.42	2.5		10/10/17 09:39	107-06-2	
1,1-Dichloroethene	<1.0	ug/L	2.5	1.0	2.5		10/10/17 09:39	75-35-4	
cis-1,2-Dichloroethene	117	ug/L	2.5	0.64	2.5		10/10/17 09:39	156-59-2	
trans-1,2-Dichloroethene	1.1J	ug/L	2.5	0.64	2.5		10/10/17 09:39	156-60-5	
1,2-Dichloropropane	<0.58	ug/L	2.5	0.58	2.5		10/10/17 09:39	78-87-5	
1,3-Dichloropropane	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	142-28-9	
2,2-Dichloropropane	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	594-20-7	
1,1-Dichloropropene	<1.1	ug/L	2.5	1.1	2.5		10/10/17 09:39	563-58-6	
cis-1,3-Dichloropropene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	10061-01-5	
trans-1,3-Dichloropropene	<0.57	ug/L	2.5	0.57	2.5		10/10/17 09:39	10061-02-6	
Diisopropyl ether	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	108-20-3	
Ethylbenzene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	100-41-4	
Hexachloro-1,3-butadiene	<5.3	ug/L	12.5	5.3	2.5		10/10/17 09:39	87-68-3	
Isopropylbenzene (Cumene)	<0.36	ug/L	2.5	0.36	2.5		10/10/17 09:39	98-82-8	
p-Isopropyltoluene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	99-87-6	
Methylene Chloride	<0.58	ug/L	2.5	0.58	2.5		10/10/17 09:39	75-09-2	
Methyl-tert-butyl ether	<0.44	ug/L	2.5	0.44	2.5		10/10/17 09:39	1634-04-4	
Naphthalene	<6.2	ug/L	12.5	6.2	2.5		10/10/17 09:39	91-20-3	
n-Propylbenzene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	103-65-1	
Styrene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	2.5	0.45	2.5		10/10/17 09:39	630-20-6	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-4**      **Lab ID: 40158123009**      Collected: 10/02/17 09:20      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.62	ug/L	2.5	0.62	2.5		10/10/17 09:39	79-34-5	
Tetrachloroethene	8.0	ug/L	2.5	1.2	2.5		10/10/17 09:39	127-18-4	
Toluene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	108-88-3	
1,2,3-Trichlorobenzene	<5.3	ug/L	12.5	5.3	2.5		10/10/17 09:39	87-61-6	
1,2,4-Trichlorobenzene	<5.5	ug/L	12.5	5.5	2.5		10/10/17 09:39	120-82-1	
1,1,1-Trichloroethane	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	71-55-6	
1,1,2-Trichloroethane	<0.49	ug/L	2.5	0.49	2.5		10/10/17 09:39	79-00-5	
Trichloroethene	2.9	ug/L	2.5	0.83	2.5		10/10/17 09:39	79-01-6	
Trichlorofluoromethane	<0.46	ug/L	2.5	0.46	2.5		10/10/17 09:39	75-69-4	L1
1,2,3-Trichloropropane	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	96-18-4	
1,2,4-Trimethylbenzene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	95-63-6	
1,3,5-Trimethylbenzene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	108-67-8	
Vinyl chloride	26.5	ug/L	2.5	0.44	2.5		10/10/17 09:39	75-01-4	
m&p-Xylene	<2.5	ug/L	5.0	2.5	2.5		10/10/17 09:39	179601-23-1	
o-Xylene	<1.2	ug/L	2.5	1.2	2.5		10/10/17 09:39	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	61-130		2.5		10/10/17 09:39	460-00-4	
Dibromofluoromethane (S)	120	%	67-130		2.5		10/10/17 09:39	1868-53-7	
Toluene-d8 (S)	96	%	70-130		2.5		10/10/17 09:39	2037-26-5	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-CMT-3-2**      **Lab ID: 40158123010**      Collected: 10/02/17 14:11      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/10/17 10:46	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/10/17 10:46	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/10/17 10:46	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 10:46	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/10/17 10:46	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/10/17 10:46	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/10/17 10:46	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/10/17 10:46	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/10/17 10:46	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/10/17 10:46	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/10/17 10:46	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/10/17 10:46	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/10/17 10:46	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/10/17 10:46	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/10/17 10:46	75-35-4	
cis-1,2-Dichloroethene	35.9	ug/L	1.0	0.26	1		10/10/17 10:46	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 10:46	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/10/17 10:46	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/10/17 10:46	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/10/17 10:46	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/10/17 10:46	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/10/17 10:46	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/10/17 10:46	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/10/17 10:46	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/10/17 10:46	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/10/17 10:46	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/10/17 10:46	630-20-6	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-CMT-3-2**      **Lab ID: 40158123010**      Collected: 10/02/17 14:11      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		10/10/17 10:46	79-34-5	
Tetrachloroethene	4.8	ug/L	1.0	0.50	1		10/10/17 10:46	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/10/17 10:46	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 10:46	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/10/17 10:46	79-00-5	
Trichloroethene	0.70J	ug/L	1.0	0.33	1		10/10/17 10:46	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/10/17 10:46	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	108-67-8	
Vinyl chloride	6.1	ug/L	1.0	0.18	1		10/10/17 10:46	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/10/17 10:46	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/10/17 10:46	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	61-130		1		10/10/17 10:46	460-00-4	
Dibromofluoromethane (S)	120	%	67-130		1		10/10/17 10:46	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		10/10/17 10:46	2037-26-5	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-3**      **Lab ID: 40158123011**      Collected: 10/02/17 15:20      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/10/17 11:54	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/10/17 11:54	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/10/17 11:54	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 11:54	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/10/17 11:54	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/10/17 11:54	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/10/17 11:54	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/10/17 11:54	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/10/17 11:54	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/10/17 11:54	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/10/17 11:54	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/10/17 11:54	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/10/17 11:54	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/10/17 11:54	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/10/17 11:54	75-35-4	
cis-1,2-Dichloroethene	1.4	ug/L	1.0	0.26	1		10/10/17 11:54	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 11:54	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/10/17 11:54	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/10/17 11:54	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/10/17 11:54	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/10/17 11:54	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/10/17 11:54	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/10/17 11:54	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/10/17 11:54	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/10/17 11:54	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/10/17 11:54	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/10/17 11:54	630-20-6	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-MW-3**      **Lab ID: 40158123011**      Collected: 10/02/17 15:20      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		10/10/17 11:54	79-34-5	
Tetrachloroethene	30.8	ug/L	1.0	0.50	1		10/10/17 11:54	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/10/17 11:54	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 11:54	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/10/17 11:54	79-00-5	
Trichloroethene	0.43J	ug/L	1.0	0.33	1		10/10/17 11:54	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/10/17 11:54	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/10/17 11:54	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/10/17 11:54	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/10/17 11:54	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	61-130		1		10/10/17 11:54	460-00-4	
Dibromofluoromethane (S)	122	%	67-130		1		10/10/17 11:54	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		10/10/17 11:54	2037-26-5	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

Sample: 6404-DUP-1 Lab ID: 40158123012 Collected: 10/02/17 00:00 Received: 10/06/17 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/10/17 14:08	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/10/17 14:08	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/10/17 14:08	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 14:08	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/10/17 14:08	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/10/17 14:08	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/10/17 14:08	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/10/17 14:08	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/10/17 14:08	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/10/17 14:08	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/10/17 14:08	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/10/17 14:08	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/10/17 14:08	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/10/17 14:08	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/10/17 14:08	75-35-4	
cis-1,2-Dichloroethene	1.3	ug/L	1.0	0.26	1		10/10/17 14:08	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 14:08	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/10/17 14:08	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/10/17 14:08	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/10/17 14:08	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/10/17 14:08	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/10/17 14:08	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/10/17 14:08	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/10/17 14:08	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/10/17 14:08	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/10/17 14:08	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/10/17 14:08	630-20-6	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-DUP-1**      **Lab ID: 40158123012**      Collected: 10/02/17 00:00      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		10/10/17 14:08	79-34-5	
Tetrachloroethene	30.2	ug/L	1.0	0.50	1		10/10/17 14:08	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/10/17 14:08	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 14:08	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/10/17 14:08	79-00-5	
Trichloroethene	0.42J	ug/L	1.0	0.33	1		10/10/17 14:08	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/10/17 14:08	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/10/17 14:08	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/10/17 14:08	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/10/17 14:08	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	61-130		1		10/10/17 14:08	460-00-4	
Dibromofluoromethane (S)	123	%	67-130		1		10/10/17 14:08	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		10/10/17 14:08	2037-26-5	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-DUP-2**      **Lab ID: 40158123013**      Collected: 10/03/17 00:00      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<b>1.6J</b>	ug/L	2.0	1.0	2		10/10/17 14:30	71-43-2	
Bromobenzene	<b>&lt;0.46</b>	ug/L	2.0	0.46	2		10/10/17 14:30	108-86-1	
Bromochloromethane	<b>&lt;0.68</b>	ug/L	2.0	0.68	2		10/10/17 14:30	74-97-5	
Bromodichloromethane	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	75-27-4	
Bromoform	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	75-25-2	
Bromomethane	<b>&lt;4.9</b>	ug/L	10.0	4.9	2		10/10/17 14:30	74-83-9	
n-Butylbenzene	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	104-51-8	
sec-Butylbenzene	<b>&lt;4.4</b>	ug/L	10.0	4.4	2		10/10/17 14:30	135-98-8	
tert-Butylbenzene	<b>&lt;0.36</b>	ug/L	2.0	0.36	2		10/10/17 14:30	98-06-6	
Carbon tetrachloride	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	56-23-5	
Chlorobenzene	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	108-90-7	
Chloroethane	<b>&lt;0.75</b>	ug/L	2.0	0.75	2		10/10/17 14:30	75-00-3	
Chloroform	<b>&lt;5.0</b>	ug/L	10.0	5.0	2		10/10/17 14:30	67-66-3	
Chloromethane	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	74-87-3	
2-Chlorotoluene	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	95-49-8	
4-Chlorotoluene	<b>&lt;0.43</b>	ug/L	2.0	0.43	2		10/10/17 14:30	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;4.3</b>	ug/L	10.0	4.3	2		10/10/17 14:30	96-12-8	
Dibromochloromethane	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;0.36</b>	ug/L	2.0	0.36	2		10/10/17 14:30	106-93-4	
Dibromomethane	<b>&lt;0.85</b>	ug/L	2.0	0.85	2		10/10/17 14:30	74-95-3	
1,2-Dichlorobenzene	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	95-50-1	
1,3-Dichlorobenzene	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	541-73-1	
1,4-Dichlorobenzene	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	106-46-7	
Dichlorodifluoromethane	<b>&lt;0.45</b>	ug/L	2.0	0.45	2		10/10/17 14:30	75-71-8	
1,1-Dichloroethane	<b>&lt;0.48</b>	ug/L	2.0	0.48	2		10/10/17 14:30	75-34-3	
1,2-Dichloroethane	<b>&lt;0.34</b>	ug/L	2.0	0.34	2		10/10/17 14:30	107-06-2	
1,1-Dichloroethene	<b>&lt;0.82</b>	ug/L	2.0	0.82	2		10/10/17 14:30	75-35-4	
cis-1,2-Dichloroethene	<b>41.4</b>	ug/L	2.0	0.51	2		10/10/17 14:30	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;0.51</b>	ug/L	2.0	0.51	2		10/10/17 14:30	156-60-5	
1,2-Dichloropropane	<b>&lt;0.47</b>	ug/L	2.0	0.47	2		10/10/17 14:30	78-87-5	
1,3-Dichloropropane	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	142-28-9	
2,2-Dichloropropane	<b>&lt;0.97</b>	ug/L	2.0	0.97	2		10/10/17 14:30	594-20-7	
1,1-Dichloropropene	<b>&lt;0.88</b>	ug/L	2.0	0.88	2		10/10/17 14:30	563-58-6	
cis-1,3-Dichloropropene	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	10061-01-5	
trans-1,3-Dichloropropene	<b>&lt;0.46</b>	ug/L	2.0	0.46	2		10/10/17 14:30	10061-02-6	
Diisopropyl ether	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	108-20-3	
Ethylbenzene	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	100-41-4	
Hexachloro-1,3-butadiene	<b>&lt;4.2</b>	ug/L	10.0	4.2	2		10/10/17 14:30	87-68-3	
Isopropylbenzene (Cumene)	<b>&lt;0.29</b>	ug/L	2.0	0.29	2		10/10/17 14:30	98-82-8	
p-Isopropyltoluene	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	99-87-6	
Methylene Chloride	<b>&lt;0.47</b>	ug/L	2.0	0.47	2		10/10/17 14:30	75-09-2	
Methyl-tert-butyl ether	<b>&lt;0.35</b>	ug/L	2.0	0.35	2		10/10/17 14:30	1634-04-4	
Naphthalene	<b>&lt;5.0</b>	ug/L	10.0	5.0	2		10/10/17 14:30	91-20-3	
n-Propylbenzene	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	103-65-1	
Styrene	<b>&lt;1.0</b>	ug/L	2.0	1.0	2		10/10/17 14:30	100-42-5	
1,1,1,2-Tetrachloroethane	<b>&lt;0.36</b>	ug/L	2.0	0.36	2		10/10/17 14:30	630-20-6	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-DUP-2**      **Lab ID: 40158123013**      Collected: 10/03/17 00:00      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.50	ug/L	2.0	0.50	2		10/10/17 14:30	79-34-5	
Tetrachloroethene	34.0	ug/L	2.0	1.0	2		10/10/17 14:30	127-18-4	
Toluene	<1.0	ug/L	2.0	1.0	2		10/10/17 14:30	108-88-3	
1,2,3-Trichlorobenzene	<4.3	ug/L	10.0	4.3	2		10/10/17 14:30	87-61-6	
1,2,4-Trichlorobenzene	<4.4	ug/L	10.0	4.4	2		10/10/17 14:30	120-82-1	
1,1,1-Trichloroethane	<1.0	ug/L	2.0	1.0	2		10/10/17 14:30	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	2.0	0.39	2		10/10/17 14:30	79-00-5	
Trichloroethene	2.9	ug/L	2.0	0.66	2		10/10/17 14:30	79-01-6	
Trichlorofluoromethane	<0.37	ug/L	2.0	0.37	2		10/10/17 14:30	75-69-4	L1
1,2,3-Trichloropropane	<1.0	ug/L	2.0	1.0	2		10/10/17 14:30	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	2.0	1.0	2		10/10/17 14:30	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	2.0	1.0	2		10/10/17 14:30	108-67-8	
Vinyl chloride	8.3	ug/L	2.0	0.35	2		10/10/17 14:30	75-01-4	
m&p-Xylene	<2.0	ug/L	4.0	2.0	2		10/10/17 14:30	179601-23-1	
o-Xylene	<1.0	ug/L	2.0	1.0	2		10/10/17 14:30	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	61-130		2		10/10/17 14:30	460-00-4	D3
Dibromofluoromethane (S)	120	%	67-130		2		10/10/17 14:30	1868-53-7	
Toluene-d8 (S)	94	%	70-130		2		10/10/17 14:30	2037-26-5	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-EB-1**      **Lab ID: 40158123014**      Collected: 10/02/17 15:50      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/10/17 21:13	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/10/17 21:13	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/10/17 21:13	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 21:13	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/10/17 21:13	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/10/17 21:13	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/10/17 21:13	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/10/17 21:13	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/10/17 21:13	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/10/17 21:13	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/10/17 21:13	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/10/17 21:13	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/10/17 21:13	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/10/17 21:13	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/10/17 21:13	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 21:13	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 21:13	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/10/17 21:13	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/10/17 21:13	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/10/17 21:13	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/10/17 21:13	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/10/17 21:13	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/10/17 21:13	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/10/17 21:13	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/10/17 21:13	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/10/17 21:13	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/10/17 21:13	630-20-6	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-EB-1**      **Lab ID: 40158123014**      Collected: 10/02/17 15:50      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		10/10/17 21:13	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/10/17 21:13	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 21:13	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/10/17 21:13	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/10/17 21:13	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/10/17 21:13	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/10/17 21:13	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/10/17 21:13	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/10/17 21:13	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	61-130		1		10/10/17 21:13	460-00-4	
Dibromofluoromethane (S)	122	%	67-130		1		10/10/17 21:13	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/10/17 21:13	2037-26-5	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-EB-2**      **Lab ID: 40158123015**      Collected: 10/03/17 17:50      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/10/17 20:51	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/10/17 20:51	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/10/17 20:51	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 20:51	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/10/17 20:51	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/10/17 20:51	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/10/17 20:51	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/10/17 20:51	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/10/17 20:51	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/10/17 20:51	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/10/17 20:51	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/10/17 20:51	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/10/17 20:51	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/10/17 20:51	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/10/17 20:51	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 20:51	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 20:51	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/10/17 20:51	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/10/17 20:51	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/10/17 20:51	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/10/17 20:51	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/10/17 20:51	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/10/17 20:51	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/10/17 20:51	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/10/17 20:51	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/10/17 20:51	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/10/17 20:51	630-20-6	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: 6404-EB-2**      **Lab ID: 40158123015**      Collected: 10/03/17 17:50      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		10/10/17 20:51	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/10/17 20:51	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 20:51	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/10/17 20:51	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/10/17 20:51	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/10/17 20:51	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/10/17 20:51	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/10/17 20:51	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:51	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	61-130		1		10/10/17 20:51	460-00-4	
Dibromofluoromethane (S)	122	%	67-130		1		10/10/17 20:51	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/10/17 20:51	2037-26-5	

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### ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: TRIP BLANK**      **Lab ID: 40158123016**      Collected: 10/03/17 00:00      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/10/17 20:28	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/10/17 20:28	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/10/17 20:28	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 20:28	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/10/17 20:28	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/10/17 20:28	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/10/17 20:28	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/10/17 20:28	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/10/17 20:28	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/10/17 20:28	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/10/17 20:28	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/10/17 20:28	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/10/17 20:28	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/10/17 20:28	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/10/17 20:28	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 20:28	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/10/17 20:28	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/10/17 20:28	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/10/17 20:28	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/10/17 20:28	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/10/17 20:28	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/10/17 20:28	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/10/17 20:28	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/10/17 20:28	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/10/17 20:28	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/10/17 20:28	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/10/17 20:28	630-20-6	

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## ANALYTICAL RESULTS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

**Sample: TRIP BLANK**      **Lab ID: 40158123016**      Collected: 10/03/17 00:00      Received: 10/06/17 09:35      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		10/10/17 20:28	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/10/17 20:28	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/10/17 20:28	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/10/17 20:28	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/10/17 20:28	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/10/17 20:28	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/10/17 20:28	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/10/17 20:28	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/10/17 20:28	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	61-130		1		10/10/17 20:28	460-00-4	
Dibromofluoromethane (S)	121	%	67-130		1		10/10/17 20:28	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		10/10/17 20:28	2037-26-5	

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### QUALITY CONTROL DATA

Project: 6404 KLINKE CLEANERS  
Pace Project No.: 40158123

QC Batch:	269902	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV

Associated Lab Samples: 40158123001, 40158123002, 40158123003, 40158123004, 40158123005, 40158123006, 40158123007, 40158123008, 40158123009, 40158123010, 40158123011, 40158123012, 40158123013, 40158123014, 40158123015, 40158123016

METHOD BLANK:	1586455	Matrix:	Water
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Associated Lab Samples: 40158123001, 40158123002, 40158123003, 40158123004, 40158123005, 40158123006, 40158123007, 40158123008, 40158123009, 40158123010, 40158123011, 40158123012, 40158123013, 40158123014, 40158123015, 40158123016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	10/10/17 07:02	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	10/10/17 07:02	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	10/10/17 07:02	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	10/10/17 07:02	
1,1-Dichloroethane	ug/L	<0.24	1.0	10/10/17 07:02	
1,1-Dichloroethane	ug/L	<0.41	1.0	10/10/17 07:02	
1,1-Dichloropropene	ug/L	<0.44	1.0	10/10/17 07:02	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	10/10/17 07:02	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	10/10/17 07:02	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	10/10/17 07:02	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	10/10/17 07:02	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	10/10/17 07:02	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	10/10/17 07:02	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	10/10/17 07:02	
1,2-Dichloroethane	ug/L	<0.17	1.0	10/10/17 07:02	
1,2-Dichloropropane	ug/L	<0.23	1.0	10/10/17 07:02	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	10/10/17 07:02	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	10/10/17 07:02	
1,3-Dichloropropane	ug/L	<0.50	1.0	10/10/17 07:02	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	10/10/17 07:02	
2,2-Dichloropropane	ug/L	<0.48	1.0	10/10/17 07:02	
2-Chlorotoluene	ug/L	<0.50	1.0	10/10/17 07:02	
4-Chlorotoluene	ug/L	<0.21	1.0	10/10/17 07:02	
Benzene	ug/L	<0.50	1.0	10/10/17 07:02	
Bromobenzene	ug/L	<0.23	1.0	10/10/17 07:02	
Bromochloromethane	ug/L	<0.34	1.0	10/10/17 07:02	
Bromodichloromethane	ug/L	<0.50	1.0	10/10/17 07:02	
Bromoform	ug/L	<0.50	1.0	10/10/17 07:02	
Bromomethane	ug/L	<2.4	5.0	10/10/17 07:02	
Carbon tetrachloride	ug/L	<0.50	1.0	10/10/17 07:02	
Chlorobenzene	ug/L	<0.50	1.0	10/10/17 07:02	
Chloroethane	ug/L	<0.37	1.0	10/10/17 07:02	
Chloroform	ug/L	<2.5	5.0	10/10/17 07:02	
Chloromethane	ug/L	<0.50	1.0	10/10/17 07:02	
cis-1,2-Dichloroethane	ug/L	<0.26	1.0	10/10/17 07:02	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	10/10/17 07:02	
Dibromochloromethane	ug/L	<0.50	1.0	10/10/17 07:02	
Dibromomethane	ug/L	<0.43	1.0	10/10/17 07:02	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

METHOD BLANK: 1586455

Matrix: Water

Associated Lab Samples: 40158123001, 40158123002, 40158123003, 40158123004, 40158123005, 40158123006, 40158123007, 40158123008, 40158123009, 40158123010, 40158123011, 40158123012, 40158123013, 40158123014, 40158123015, 40158123016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.22	1.0	10/10/17 07:02	
Diisopropyl ether	ug/L	<0.50	1.0	10/10/17 07:02	
Ethylbenzene	ug/L	<0.50	1.0	10/10/17 07:02	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	10/10/17 07:02	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	10/10/17 07:02	
m&p-Xylene	ug/L	<1.0	2.0	10/10/17 07:02	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	10/10/17 07:02	
Methylene Chloride	ug/L	<0.23	1.0	10/10/17 07:02	
n-Butylbenzene	ug/L	<0.50	1.0	10/10/17 07:02	
n-Propylbenzene	ug/L	<0.50	1.0	10/10/17 07:02	
Naphthalene	ug/L	<2.5	5.0	10/10/17 07:02	
o-Xylene	ug/L	<0.50	1.0	10/10/17 07:02	
p-Isopropyltoluene	ug/L	<0.50	1.0	10/10/17 07:02	
sec-Butylbenzene	ug/L	<2.2	5.0	10/10/17 07:02	
Styrene	ug/L	<0.50	1.0	10/10/17 07:02	
tert-Butylbenzene	ug/L	<0.18	1.0	10/10/17 07:02	
Tetrachloroethene	ug/L	<0.50	1.0	10/10/17 07:02	
Toluene	ug/L	<0.50	1.0	10/10/17 07:02	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	10/10/17 07:02	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	10/10/17 07:02	
Trichloroethene	ug/L	<0.33	1.0	10/10/17 07:02	
Trichlorofluoromethane	ug/L	<0.18	1.0	10/10/17 07:02	
Vinyl chloride	ug/L	<0.18	1.0	10/10/17 07:02	
4-Bromofluorobenzene (S)	%	91	61-130	10/10/17 07:02	
Dibromofluoromethane (S)	%	121	67-130	10/10/17 07:02	
Toluene-d8 (S)	%	97	70-130	10/10/17 07:02	

LABORATORY CONTROL SAMPLE: 1586456

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	59.1	118	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.3	107	70-130	
1,1,2-Trichloroethane	ug/L	50	54.5	109	70-130	
1,1-Dichloroethane	ug/L	50	63.0	126	71-132	
1,1-Dichloroethene	ug/L	50	56.8	114	75-130	
1,2,4-Trichlorobenzene	ug/L	50	44.7	89	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.9	100	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	52.8	106	70-130	
1,2-Dichlorobenzene	ug/L	50	50.2	100	70-130	
1,2-Dichloroethane	ug/L	50	62.4	125	70-131	
1,2-Dichloropropane	ug/L	50	54.1	108	80-120	
1,3-Dichlorobenzene	ug/L	50	49.4	99	70-130	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

LABORATORY CONTROL SAMPLE: 1586456

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	51.7	103	70-130	
Benzene	ug/L	50	56.1	112	73-145	
Bromodichloromethane	ug/L	50	56.4	113	70-130	
Bromoform	ug/L	50	52.1	104	67-130	
Bromomethane	ug/L	50	45.0	90	26-128	
Carbon tetrachloride	ug/L	50	62.0	124	70-133	
Chlorobenzene	ug/L	50	53.3	107	70-130	
Chloroethane	ug/L	50	53.2	106	58-120	
Chloroform	ug/L	50	59.7	119	80-121	
Chloromethane	ug/L	50	38.2	76	40-127	
cis-1,2-Dichloroethene	ug/L	50	55.6	111	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.7	97	70-130	
Dibromochloromethane	ug/L	50	52.4	105	70-130	
Dichlorodifluoromethane	ug/L	50	36.9	74	20-135	
Ethylbenzene	ug/L	50	52.7	105	87-129	
Isopropylbenzene (Cumene)	ug/L	50	52.7	105	70-130	
m&p-Xylene	ug/L	100	105	105	70-130	
Methyl-tert-butyl ether	ug/L	50	58.5	117	66-143	
Methylene Chloride	ug/L	50	58.0	116	70-130	
o-Xylene	ug/L	50	50.7	101	70-130	
Styrene	ug/L	50	51.3	103	70-130	
Tetrachloroethene	ug/L	50	52.3	105	70-130	
Toluene	ug/L	50	50.9	102	82-130	
trans-1,2-Dichloroethene	ug/L	50	60.0	120	75-132	
trans-1,3-Dichloropropene	ug/L	50	45.9	92	70-130	
Trichloroethene	ug/L	50	54.4	109	70-130	
Trichlorofluoromethane	ug/L	50	67.8	136	76-133 L1	
Vinyl chloride	ug/L	50	42.7	85	57-136	
4-Bromofluorobenzene (S)	%			101	61-130	
Dibromofluoromethane (S)	%			114	67-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1586579 1586580

Parameter	Units	40158123004		MS	MSD	MS		MSD		% Rec	Max	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD		
1,1,1-Trichloroethane	ug/L	<0.50	50	50	56.4	57.9	113	116	70-134	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	48.3	50.4	97	101	70-130	4	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	49.6	51.3	99	103	70-130	4	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	60.9	63.6	122	127	71-133	4	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	55.6	58.5	111	117	75-136	5	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	33.2	32.9	66	65	70-130	1	20 M1	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	50.4	52.8	101	106	63-123	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	50.4	52.3	101	105	70-130	4	20	

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### QUALITY CONTROL DATA

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1586579		1586580								
Parameter	Units	MS		MSD		MS	MSD	MS	MSD	% Rec	Max	Qual
		40158123004	Spike	Spike	Result							
1,2-Dichlorobenzene	ug/L	<0.50	50	50	39.8	41.2	80	82	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	58.2	59.5	116	119	70-131	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	50.8	52.4	102	105	80-120	3	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	42.0	42.6	84	85	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	41.9	42.6	84	85	70-130	2	20	
Benzene	ug/L	2.0	50	50	56.0	58.0	108	112	73-145	4	20	
Bromodichloromethane	ug/L	<0.50	50	50	52.2	53.9	104	108	70-130	3	20	
Bromoform	ug/L	<0.50	50	50	45.5	46.5	91	93	67-130	2	20	
Bromomethane	ug/L	<2.4	50	50	50.4	55.1	100	109	26-129	9	20	
Carbon tetrachloride	ug/L	<0.50	50	50	57.9	58.9	116	118	70-134	2	20	
Chlorobenzene	ug/L	<0.50	50	50	47.9	48.9	96	98	70-130	2	20	
Chloroethane	ug/L	<0.37	50	50	54.6	58.2	109	116	58-120	6	20	
Chloroform	ug/L	<2.5	50	50	57.7	59.2	115	118	80-121	2	20	
Chloromethane	ug/L	<0.50	50	50	41.1	45.2	82	90	40-128	10	20	
cis-1,2-Dichloroethene	ug/L	41.7	50	50	99.0	102	115	120	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	46.1	47.9	92	96	70-130	4	20	
Dibromochloromethane	ug/L	<0.50	50	50	47.8	48.6	96	97	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	37.1	39.4	74	79	20-146	6	20	
Ethylbenzene	ug/L	<0.50	50	50	45.9	46.8	92	94	87-129	2	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	43.5	43.9	87	88	70-130	1	20	
m&p-Xylene	ug/L	<1.0	100	100	91.2	93.2	91	93	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	53.8	56.4	108	113	66-143	5	20	
Methylene Chloride	ug/L	<0.23	50	50	56.5	59.4	113	119	70-130	5	20	
o-Xylene	ug/L	<0.50	50	50	44.4	45.1	89	90	70-130	2	20	
Styrene	ug/L	<0.50	50	50	44.7	45.7	89	91	70-130	2	20	
Tetrachloroethene	ug/L	43.1	50	50	86.3	86.7	86	87	70-130	1	20	
Toluene	ug/L	<0.50	50	50	47.5	48.5	95	97	82-131	2	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	59.1	61.3	118	123	75-135	4	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	42.5	44.5	85	89	70-130	4	20	
Trichloroethene	ug/L	3.2	50	50	54.7	56.1	103	106	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	65.8	67.9	132	136	76-150	3	20	
Vinyl chloride	ug/L	11.4	50	50	53.9	57.7	85	93	56-143	7	20	
4-Bromofluorobenzene (S)	%						99	99	61-130			
Dibromofluoromethane (S)	%						114	113	67-130			
Toluene-d8 (S)	%						98	98	70-130			

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

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### 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

### ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 6404 KLINKE CLEANERS

Pace Project No.: 40158123

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40158123001	6404-MW-7	EPA 8260	269902		
40158123002	6404-MW-22	EPA 8260	269902		
40158123003	6404-MW-18	EPA 8260	269902		
40158123004	6404-MW-1	EPA 8260	269902		
40158123005	6404-MW-5	EPA 8260	269902		
40158123006	6404-MW-9	EPA 8260	269902		
40158123007	6404-MW-8	EPA 8260	269902		
40158123008	6404-MW-2	EPA 8260	269902		
40158123009	6404-MW-4	EPA 8260	269902		
40158123010	6404-CMT-3-2	EPA 8260	269902		
40158123011	6404-MW-3	EPA 8260	269902		
40158123012	6404-DUP-1	EPA 8260	269902		
40158123013	6404-DUP-2	EPA 8260	269902		
40158123014	6404-EB-1	EPA 8260	269902		
40158123015	6404-EB-2	EPA 8260	269902		
40158123016	TRIP BLANK	EPA 8260	269902		

### REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #:

WO#: 40158123

Client Name: Enviro Forensics

Courier: [ ] Fed Ex [ ] UPS [ ] Client [ ] Pace Other: CS Logistics

Tracking #:



Custody Seal on Cooler/Box Present: [X] yes [ ] no Seals intact: [X] yes [ ] no

Custody Seal on Samples Present: [ ] yes [X] no Seals intact: [ ] yes [ ] no

Packing Material: [ ] Bubble Wrap [X] Bubble Bags [ ] None [ ] Other

Thermometer Used: N/A Type of Ice: [X] Blue Dry None [ ] Samples on ice, cooling process has begun

Cooler Temperature: Uncorr: Red ICorr: Biological Tissue is Frozen: [ ] yes [ ] no

Temp Blank Present: [ ] yes [X] no

Person examining contents:
Date: 10/6/17
Initials: SSM

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Comments:

Table with 15 rows of custody and sample condition checks. Includes items like Chain of Custody Present, Samples Arrived within Hold Time, Short Hold Time Analysis, etc. with checkboxes and handwritten notes.

Client Notification/ Resolution:
Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_
Comments/ Resolution: \_\_\_\_\_

Project Manager Review: [Signature] Date: 10-6-17