



**SITE INVESTIGATION UPDATE  
AND  
INTERIM REMEDIAL ACTION PLAN**

**FORMER PACKARD WAY CLEANERS  
3650-3652 EAST BARNARD AVENUE  
CUDAHY, WISCONSIN 53110  
WDNR BRRTS# 02-41-515150**

June 6, 2018

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## TABLE OF CONTENTS

<b>EXECUTIVE SUMMARY .....</b>	<b>1</b>
<b>1.0 BACKGROUND .....</b>	<b>1</b>
<b>2.0 SUPPLEMENTAL SITE INVESTIGATION ACTIVITIES .....</b>	<b>2</b>
2.1 Investigation Activities .....	2
2.2 Subsurface Utility Survey .....	2
2.3 Temporary Well Abandonment .....	3
2.4 Supplemental Investigation and Well Installation .....	3
2.4.1 Investigation Activities .....	3
2.4.2 Well Installation Activities .....	4
2.5 Waste Characterization Soil Sample Collection .....	5
2.6 Groundwater Monitoring .....	5
2.7 Investigation Derived Media .....	6
2.8 Vapor Intrusion Assessment .....	6
<b>3.0 SUPPLEMENTAL SITE INVESTIGATION RESULTS .....</b>	<b>8</b>
3.1 Site Hydrogeology .....	8
3.2 Soil Analytical Results.....	8
3.3 Groundwater Results.....	8
3.4 Vapor Intrusion Assessment Results .....	9
<b>4.0 INTERIM REMEDIAL ACTION PLAN.....</b>	<b>10</b>
4.1 Excavation.....	10
4.2 Monitoring Well Installation, Development, and Sampling.....	11
4.3 Contingency Actions.....	11
<b>5.0 CERTIFICATIONS.....</b>	<b>13</b>

## **TABLES**

- 1 Monitoring Well Construction Details
- 2 Groundwater Elevation Data
- 3 Soil Analytical Results
- 4 Groundwater Analytical Results
- 5 Indoor Air and Sub-Slab Vapor Sample Analytical Results

## **FIGURES**

- 1 Site Layout and Sample Location Map
- 2 Potentiometric Surface Map – January 31, 2018
- 3 Extent of PCE in Soil
- 4 PCE in Soil and Proposed Excavation Extent
- 5 Extent of PCE in Groundwater

## **APPENDICES**

- A Soil Boring Logs and Borehole Abandonment Forms
- B Field Sampling Forms
- C IDM Disposal Manifests
- D Laboratory Analytical Reports



## EXECUTIVE SUMMARY

EnviroForensics, LLC (EnviroForensics) has prepared this *Site Investigation Update and Interim Remedial Action Plan* on behalf of Sue Doolin, d/b/a Packard Way Cleaners, Ltd. for the Packard Way Cleaners (Packard) facility located at 3650-3652 East Barnard Avenue, Cudahy, Wisconsin (Site). The Site operated as a dry cleaner between 1970 and 1991. The dry cleaning machine was located on the first floor. The Site was later converted into a multi-unit residential apartment building.

Supplemental Site investigation activities, including the collection of soil, groundwater, and sub-slab vapor, and indoor air samples, have been conducted by EnviroForensics between July 2015 and January 2018, which followed up investigation activities by others from 2004 to 2006. The primary contaminants of concern at this Site are the dry cleaning solvent tetrachloroethene (PCE) and its degradation products including trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE) and vinyl chloride. These compounds are collectively referred to as chlorinated volatile organic compounds (CVOCs).

The extent of contamination in all subsurface media has been defined. The area containing the highest CVOC impact is approximately 50 feet north of the Site as exhibited in soil and groundwater impacts. The elevated concentrations of PCE daughter products observed in monitoring wells near the source area indicate that natural attenuation is occurring.

The vapor intrusion assessment conducted at one (1) off-site adjacent property to the east indicates the vapor intrusion pathway is incomplete. One (1) additional vapor intrusion assessment was proposed at the adjacent property to the west; however, access was not granted.

Site investigations performed to date have yielded sufficient information for purposes of remedial option evaluation and remedial action design. Previous consultants submitted a Site Investigation Report to meet the requirements of WAC NR 716 and this report is intended to supplement prior submittals. Interim excavation and off-site disposal was selected as a favorable remedial option because it is cost-effective and provides immediate mass removal. Residual contaminants will likely remain in place, therefore, recording the Site on the GIS registry will likely be required for closure as an institutional control to prevent exposure to residual contamination. Concurrence and approval from the WDNR is being sought for the interim remedial strategy.



## 1.0 BACKGROUND

EnviroForensics, LLC (EnviroForensics) has prepared this *Supplemental Site Investigation Update* and *Interim Remedial Action Plan* on behalf of Sue Doolin, d/b/a Packard Way Cleaners, Ltd for the former Packard Way Cleaners facility located at 3650-3652 East Barnard Avenue in Cudahy, Wisconsin (Site). The additional investigation activities were performed in response to comments received from the Wisconsin Department of Natural Resources (WDNR).

The Site encompasses approximately 0.083 acres with a two-story building on a basement with a detached two-car garage. Situated within a mixed residential and commercial area, the Site is bound by East Barnard Avenue to the south, an alley to the north, a house to the west, and a mixed commercial and residential property to the east. The general layout of the Site and surrounding area, including Site features, is depicted on **Figure 1**.

The previous consultants for the Site, Northern Environmental (Northern)/Bonestroo, installed 18 temporary monitoring wells for the purpose of determining the lateral extent of the chlorinated solvent contaminant plume. Northern conducted occasional groundwater sampling at select temporary wells from 2004 to 2008. Results from these events indicate that tetrachloroethene (PCE) and its breakdown products have impacted groundwater and have migrated from the Site towards the northeast in the direction of groundwater flow. The presence of a sump pump discharging to the alley is assumed to have further dispersed impacts found in soil and water along the alley. The sump pump is currently connected to the sanitary sewer to limit the further spread of PCE.

Site investigations performed to date have yielded sufficient information for purposes of remedial option evaluation and remedial action design. Previous consultants submitted a Site Investigation Report to meet the requirements of WAC NR 716 and this report is intended to supplement prior submittals. Concurrence and approval from the WDNR is being sought for the interim remedial strategy.

## 2.0 SUPPLEMENTAL SITE INVESTIGATION ACTIVITIES

### 2.1 Investigation Activities

EnviroForensics mobilized to the Site multiple times between July 2015 and January 2018 to implement the following activities:

- Conducted a vapor intrusion assessment at 3658 E. Barnard Avenue;
- Attempted to gain access to 3648 E. Barnard Avenue;
- Advanced six (6) soil borings (SB-101 through SB-106);
- Installed five (5) new permanent monitoring wells and converted four (4) pre-existing temporary wells into permanent wells to assess groundwater characteristics;
- Collected periodic water level measurements and groundwater samples from seven (7) monitoring wells (MW-1 through MW-7) and two (2) piezometers (PZ-1 and PZ-2). Sampled interior monitoring wells (TW1 and TW2);
- Collected a sample from the Site basement sump; and
- Advanced 11 soil borings and hand augers (WS-1 through WS-11) for the purpose of characterizing soil for potential disposal actions.

### 2.2 Subsurface Utility Survey

In accordance with safe work practices and as required by the State of Wisconsin, EnviroForensics contacted the Wisconsin Diggers Hotline at least 48-hours prior to the anticipated onset of subsurface work at the Site. As a result, subsurface utilities and structures owned or managed by member companies (e.g. telecommunications, electric and gas utilities) were located by an independent contractor service. Additionally, an inquiry was made to the owners and/or operators of the Site regarding the position of public and private on-Site utilities. **Figure 1** presents the locations of subsurface utilities.

EnviroForensics contracted a private underground utility locating service to provide additional information regarding the position of potential underground hazards at the Site. The private locating service used geophysical and/or electromagnetic equipment, as appropriate, to assist in clearing each planned boring location prior to sampling activities.

## 2.3 Temporary Well Abandonment

Ten (10) temporary wells were abandoned in accordance with Wisconsin Administrative Code (WAC) NR 141. Well casing and screens were either removed or the casing was unscrewed from the screen and the borehole filled with bentonite and hydrated. The temporary wells abandoned included: TW3, TW5, TW6, TW9 and TW13. The surface was patched with a similar material to its surroundings (concrete, asphalt, and soil/grass). TW7, TW14, TW16, TW17 and TW18 were proposed for abandonment, but could not be located and assumed abandoned or destroyed. TW1 and TW2 were left in place in the Site basement for future sampling as needed.

## 2.4 Supplemental Investigation and Well Installation

### 2.4.1 Investigation Activities

Six (6) borings, SB-101 through SB-106, were advanced at locations shown on **Figure 1** to define the vertical extent of soil impacts and define lithology at depth to facilitate piezometers well screen intervals. The locations where soil data had not been collected previously (near TW5, TW9 and TW15), borings were advanced using direct-push methods to approximately 15 ft. bgs for monitoring well locations and to a depth of 40 ft. bgs for piezometer locations.

Direct-push soil samples were collected in vinyl acetate plastic sleeves, sampled and logged. Additional field screening was conducted using a photoionization detector (PID) in 2-foot depth intervals for each sample sleeve. The sample sleeves were placed on plastic and the cutting tool washed and cleaned between samples for the remainder of the sampling. Soil boring lithology was continuously logged in accordance with the Unified Soil Classification System (USCS) and recorded on boring logs (WDNR 4400-122).

Each sample was placed in a cooler on ice and submitted using appropriate chain-of-custody documentation to Synergy Environmental Lab, Inc. (Synergy). The samples were analyzed for volatile organic compounds (VOCs) using the United States (U.S.) Environmental protection Agency (EPA) SW-846 Method 8260. Following soil sampling activities each borehole was backfilled with hydrated bentonite chips and topped off with asphalt, or concrete to match the existing surface (refer to Borehole Abandonment Forms in **Appendix A**).

## 2.4.2 Well Installation Activities

Five (5) new permanent monitoring wells (MW-1 through MW-5) were installed in the alley northern of the Site. Two (2) piezometers were installed nested adjacent to MW- 2 (TW4) and MW-1 (TW8) locations to a depths of 22 and 32 feet below ground surface (bgs). The purpose of the wells are to:

- Collect groundwater samples that are representative of the hydrogeologic formation;
- Provide horizontal and vertical delineation of groundwater impacts;
- Determine groundwater flow direction and velocity; and,
- Monitor the effectiveness of subsequent treatment.

Following direct-push drilling activities, EnviroForensics advanced and installed the permanent monitoring wells. The monitoring wells were drilled using a 4.25-inch hollow stem auger using a Geoprobe ®.

Monitoring well construction consisted of 2-inch inside diameter, poly-vinyl chloride (PVC) riser with a 10-foot, 10-slot PVC well screen. Piezometers were constructed with a 5-foot, 10-slot screen. Sand pack materials were placed from the bottom of the screen up to 2 ft. above the well screen. A bentonite seal was placed from the top of the sand pack to approximately 1 foot bgs. Expandable locking caps and keyed alike locks were placed on each well. Flush mount well covers were cemented into place at each well location. **Table 1** presents the well construction information.

Wells were developed in accordance with WAC NR 141. After waiting at least 24 hours, well development procedures consisted of removing water with a submersible pump until the water becomes clear or until ten (10) well volumes are removed, whichever occurred first. A surge block was used during the development process to remove fines from the sand pack if necessary. All non-dedicated equipment was decontaminated between each monitoring well development. Disposable tubing was used during the well development activities with new tubing employed at each well.

Temp wells, TW10 and TW15, were left in place after the initial investigation activities conducted by others. Given that the wells were installed as a one-inch PVC wells by a Geoprobe ® and did not meet the construction requirements as established by WAC NR 141, each was inspected to ensure they were of acceptable integrity. TW10 and TW15 appeared to be in good condition with an appropriate bentonite seal; therefore, a flush mount well cover was



cemented into place thereby converting each into a permanent well. TW10 and TW15 were subsequently renamed MW-6 and MW-7 respectively. As such, we are presenting this a formal variance request from **WAC NR 141.07 Well Casing** because the wells meet all other requirements for installation of monitoring wells and using a drill rig in the residential property is impractical due to building and fencing locations.

## 2.5 Waste Characterization Soil Sample Collection

EnviroForensics retained a drilling contractor to advance direct-push soil borings using a Geoprobe®. On December 7, 2017, seven (7) direct-push borings (WS-1 through WS-7) were advanced to further define the extent of shallow soil impacts near the source areas and characterize the soil for disposal. Additionally, four (4) hand-auger borings (WS-8 through WS-11) were advanced within the Site building to further define the extent of shallow soil impacts beneath the Site and for waste characterization. Soil sample locations are depicted on **Figure 1**.

EnviroForensics personnel observed all field activities, prepared boring logs and other field documentation, and containerized all samples for analyses as previously described. The sample depth intervals selected for analysis were based on field screening results. Up to two (2) soil samples were collected from each soil boring location for laboratory analysis by USEPA SW-846 Method 8260.

## 2.6 Groundwater Monitoring

EnviroForensics conducted groundwater monitoring activities during June 2015, September 2016, January 2017, and January 2018. During each sampling event, water level measurements and groundwater samples were collected from seven (7) monitoring wells (MW-1 through MW-7), and two (2) piezometers (PZ-1 and PZ-2). A sample was collected from the Site sump during December 2017. Monitoring well construction details are outlined in **Table 1**, and the well locations are depicted on **Figure 1**. One (1) water sample was collected from the basement sump during the December 2017 investigation activities.

Prior to sampling, the depth to water in each well was measured to the nearest 0.01 of a foot using an electronic water level indicator. Groundwater purging and sampling was conducted using a peristaltic pump, and/or new disposable bailers. At least three (3) well volumes were purged from each well, and/or purged dry, and allowed to recharge prior to sampling. Data collected during the sampling activities were documented on the groundwater field sampling forms presented in **Appendix B**.

During each event, one (1) duplicate groundwater sample and one (1) trip blank sample were analyzed for quality assurance and quality control (QA/QC) purposes. The groundwater and QA/QC samples were submitted using appropriate chain-of-custody documentation to Synergy and analyzed for VOCs using the US EPA SW-846 Method 8260.

## **2.7 Investigation Derived Media**

All investigation-derived media (IDM) generated during the soil sampling and monitoring well sampling activities, including soil, purge water, and *de minimis* amounts of decontamination fluids, were containerized in 55-gallon drums for characterization and disposal. The groundwater IDM drums were removed by a licensed waste hauler and the soil drums will be removed during excavation activities. **Appendix C** contains the manifest for the disposed media.

## **2.8 Vapor Intrusion Assessment**

In August 2015, EnviroForensics conducted a vapor intrusion (VI) assessment at 3658 E. Barnard Avenue. As part of the assessment, two (2) sub-slab vapor samples were collected from the beneath the basement floor and three indoor air samples were collected from the basement, first floor, and second floor, respectively. For quality control purposes, a sample of outdoor air designated 6306-3658-OA was also collected. The location of 3658 E. Barnard Avenue is depicted on **Figure 1**.

Indoor air and sub-slab samples were collected according to the procedures and requirements described in the WDNR Publication RR-800: *Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin*. All indoor air samples were collected from the breathing space (3-5 feet above the floor). The samples were collected using 6-Liter vacuum canisters, regulated to withdraw a time-integrated sample over a 24-hour time period. All vacuum canisters were individually-certified by the laboratory for quality assurance purposes. Data collected during the sampling activities were documented on the vapor intrusion field sampling forms presented in **Appendix B**.

Following the completion of sampling activities, vacuum canisters were submitted to EnvisionAir for analysis of VOCs via EPA Method TO-15. All samples were shipped via courier under appropriate chain-of-custody procedures.



A vapor intrusion assessment at 3648 E. Barnard Avenue was not conducted due to access issues. Multiple letters were mailed and in-person visits were made, but no responses or approvals were received.

### 3.0 SUPPLEMENTAL SITE INVESTIGATION RESULTS

#### 3.1 Site Hydrogeology

The lithological sequence encountered at the supplemental site investigative locations was generally consistent with previous site investigation activities. Clay and silt were encountered beneath surficial fill materials from 3 to 15 ft below ground surface (bgs). The soil boring logs and abandonment forms are presented in **Appendix A**. The water table in this type of clay and silt soil having very low permeability is highly restricted in both horizontal and vertical flow.

Groundwater elevation data are summarized in **Table 2**. The static water table is observed at depths ranging from approximately 1.13 to 9.72 ft bgs at the Site. A potentiometric surface map (**Figure 2**) was produced using the groundwater elevations measured in monitoring wells on January 31, 2018 and indicates a flow direction to the northeast. A 0.03 hydraulic gradient was calculated between MW-5 and MW-6, and between MW-1 and MW-3.

#### 3.2 Soil Analytical Results

The soil analytical results are summarized and compared to Residual Contaminant Levels (RCLs) in **Table 3**. The results are illustrated on **Figure 3**. The laboratory reports related to the soil samples are provided in **Appendix D**.

Soil samples collected from 27 of the 39 new borings contained concentrations of PCE and/or degradation products above the soil to groundwater RCLs as shown in **Table 3** and on **Figure 3**. Soil samples collected from borings WS-1, WS-10, and WS-11 contained concentrations of trichloroethene (TCE) above the non-industrial RCL. Waste characterization sample results for PCE are shown on **Figure 4**.

#### 3.3 Groundwater Results

The groundwater gauging data are summarized in **Table 2**. The groundwater analytical results associated with samples collected from the monitoring wells, temporary wells, and sump are summarized and compared to WDNR standards in **Table 4**. **Figure 5** depicts the locations groundwater impacts that exceed WDNR Preventive Action Limits (PALs) and Enforcement Standards (ESs) for CVOCs. The laboratory reports related to the groundwater samples are provided in **Appendix D**.

Samples collected from monitoring wells MW-1, MW-2, MW-3, MW-6, MW-7, and PZ-2 contained PCE at concentrations exceeding the ES of 5 micrograms per liter ( $\mu\text{g/L}$ ). Samples collected from MW-1, MW-2, MW-3, and MW-6 contained TCE at concentrations above the ES of 5  $\mu\text{g/L}$ . Cis1,2-DCE and vinyl chloride were detected in samples collected from monitoring wells MW-1 and MW-2 at concentrations above WDNR standards. In addition, several monitoring well samples contained PCE, TCE, and/or cis-1,2-DCE at concentrations exceeding their respective PALs.

### **3.4 Vapor Intrusion Assessment Results**

As shown on **Table 5**, CVOCs were not detected in the sub-slab vapor or indoor air samples collected at 3658 East Barnard Avenue. These data indicate that the vapor intrusion pathway in that building is incomplete. The laboratory reports related to the vapor intrusion assessment samples are provided in **Appendix D**.

## 4.0 INTERIM REMEDIAL ACTION PLAN

The soil source areas are under the Site building in the vicinity of the basement sump and near the garage to the north of the Site building. Direct-contact exposure to soil is currently prevented by surface cover materials (i.e. asphalt, concrete and building foundation). An interim remedial action is recommended to prevent high concentrations of CVOCs in soil to continuously impact shallow groundwater. To address the soil sources, EnviroForensics will implement the following activities:

- Excavate source areas soil impacted with PCE and associated breakdown products;
- Backfill with clean soil and reinstall concrete as a cap at the surface;
- Re-install three (3) monitoring wells and one (1) piezometer within the excavation area; and
- Perform groundwater monitoring to evaluate trends in dissolved CVOC concentrations.

The locations and depths of each excavation area are depicted on **Figure 4**.

### 4.1 Excavation

The primary objective of remediation is to remove source area soil that continually supports dissolved phase impacts, thereby reducing CVOC concentrations in groundwater near the source area. As shown on **Figure 4**, excavations are planned for the north central area of Site basement and on the north edge of the Site.

The excavation areas will encompass the majority of the CVOC impacts with higher concentrations within the vadose zone. The exterior excavation will extend to approximately 6 - 8 feet bgs (or depth to groundwater) and approximately 62 tons of hazardous soil and 43 tons of non-hazardous soil will be removed. The interior excavation will extend to approximately 5 feet bgs and approximately 13 tons of hazardous soil will be removed. These depths reduce potential worker exposure during future construction activities and reduce the greatest bulk of contaminants from contacting groundwater. The excavation dimensions and anticipated depths are depicted on **Figure 4**.

The excavated soil will be transported off-site for disposal at a permitted facility. Approximately 62 tons of non-hazardous soil and 56 tons of hazardous soil will be removed. Excavated hazardous soil will be directly loaded into small batch roll offs from the basement and into dump trucks from the outdoor excavation and transported for disposal at US Ecology in Belleville,

Michigan. Excavated non-hazardous soil will be loaded and transported for disposal at permitted landfill. At this time, profiling is anticipated to be completed for disposal at a Waste Management facility in Franklin, Wisconsin.

Confirmation soil samples will be collected from the excavation areas. One (1) sample will be collected from each sidewall, and two (2) samples will be collected from the floor of each excavation area. Soil samples will be transmitted to a state-certified laboratory and analyzed for VOCs according to U.S. EPA SW-846 Method 8260.

The excavations will be backfilled with clean compactable soil and topped with a concrete cap. TW1 will be replaced with a permanent monitoring well to assess groundwater conditions post excavation.

#### **4.2 Monitoring Well Installation, Development, and Sampling**

After excavation activities are completed, three (3) water table monitoring wells TW1 (to be renamed MW-8), MW-2, MW-3 and PZ-2 will be re-installed. The wells will be installed in accordance with the requirements of WAC Chapter NR 141. Well materials will be 2-inch diameter PVC. At the surface, each well will be completed with flush-mount vaults set in concrete. Expandable locking caps and keyed alike locks will be placed on each well. The new monitoring wells will be developed according to the procedures described in WAC Chapter NR 141. Monitoring well construction and development information will be recorded on WDNR Forms 4400-133A/B and submitted with subsequent Remedial Action reporting.

Initially, two rounds of groundwater monitoring will be performed. Samples will be collected from the three (3) replacement monitoring wells and the six (6) existing wells sampled prior to excavation activities. During all groundwater monitoring events, samples will be collected and analyzed for VOCs according to U.S. EPA SW-846 Method 8260. Groundwater sampling and IDM management will be implemented as described in sections 2.5 and 2.6.

EnviroForensics will tabulate and evaluate the groundwater analytical data, and prepare water table contour maps. Results will be evaluated and compared to previous concentration trends to determine the need for groundwater treatment.

### **4.3 Contingency Actions**

By removing accessible source area soil and installing a protective cap, case closure could be pursued with minimal follow up monitoring given the overall low contaminant concentrations at the Site. However, if elevated groundwater CVOC concentrations persist after the second groundwater monitoring event, EnviroForensics will evaluate targeted treatment of CVOCs in groundwater. If groundwater treatment is needed, EnviroForensics will prepare the required work plan and permitting documents prior to any additional remediation activities. If groundwater treatment does not appear necessary, a brief results submittal will be provided indicating that residual groundwater impacts will be closed using monitored natural attenuation.



## 5.0 CERTIFICATIONS

I, Andrew Horwath, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code (WAC); that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Senior Engineer  
PE# E-43831-6

\_\_\_\_\_  
Signature, Title, and P.E. No.

\_\_\_\_\_  
P.E. stamp

I, Robert Hoverman, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

\_\_\_\_\_  
Senior Project Manager

Signature and Title

Date June 6, 2018

## **TABLES**

**Table 1**  
**MONITORING WELL CONSTRUCTION DETAILS**

Packard Way, Ltd.  
3650-3652 East Barnard Avenue  
Cudahy, WI

Monitoring Well I.D.	Date Installed	Drilling Method	Drilling Contractor	Project Oversight	Well Diameter (inches)	Top of Casing (feet amsl)	Ground Elevation (feet amsl)	Screened Interval (ft bgs)
MW-1	6/10/2015	Hollow-Stem Auger	On-Site Environmental	EnviroForensics	2	702.79	703.10	4.5-14.5
MW-2	6/10/2015	Hollow-Stem Auger	On-Site Environmental	EnviroForensics	2	704.18	704.64	4.5-14.5
MW-3	6/10/2015	Hollow-Stem Auger	On-Site Environmental	EnviroForensics	2	703.80	704.25	4.5-14.5
MW-4	6/11/2015	Hollow-Stem Auger	On-Site Environmental	EnviroForensics	2	704.49	704.94	4.5-14.5
MW-5	6/11/2015	Hollow-Stem Auger	On-Site Environmental	EnviroForensics	2	705.11	705.61	4.5-14.5
MW-6/TW15	2007	GeoProbe	N/A	Northern Environmental	1	701.74	702.07	3-16
MW-7/TW10	8/8/2006	GeoProbe	Probe Technologies	Northern Environmental	1	703.62	703.86	5-16
PZ-1	6/10/2015	Hollow-Stem Auger	On-Site Environmental	EnviroForensics	2	702.63	702.99	27.5-32.5
PZ-2	6/11/2015	Hollow-Stem Auger	On-Site Environmental	EnviroForensics	2	704.07	703.59	17.5-22.5

**Notes:**

ft bgs = feet below ground surface

N/A = Not Available

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**

Packard Way, Ltd.  
3650-3652 East Barnard Avenue  
Cudahy, WI

<b>Well Identification</b>	<b>Date</b>	<b>TOC Elevation (feet AMSL)</b>	<b>Depth to Water (feet below TOC)</b>	<b>Groundwater Elevation (feet AMSL)</b>
MW-1	6/15/2015	702.79	5.27	697.52
	9/26/2016	702.79	3.61	699.18
	1/3/2017	702.79	4.92	697.87
	1/31/2018	702.79	4.74	698.05
MW-2	6/15/2015	704.18	1.67	702.51
	9/26/2016	704.18	2.33	701.85
	1/3/2017	704.18	3.60	700.58
	1/31/2018	704.18	3.24	700.94
MW-3	6/15/2015	703.80	1.13	702.67
	9/26/2016	703.80	3.17	700.63
	1/3/2017	703.80	3.51	700.29
	1/31/2018	703.80	4.65	699.15
MW-4	6/15/2015	704.49	9.72	694.77
	9/26/2016	704.49	2.57	701.92
	1/3/2017	704.49	3.44	701.05
	1/31/2018	704.49	4.13	700.36
MW-5	6/15/2015	705.11	1.16	703.95
	9/26/2016	705.11	2.75	702.36
	1/3/2017	705.11	2.87	702.24
	1/31/2018	705.11	3.93	701.18
MW-6	6/15/2015	701.74	2.68	699.06
	9/26/2016	701.74	4.18	697.56
	1/3/2017	701.74	4.88	696.86
	1/31/2018	701.74	5.49	696.25
MW-7	6/15/2015	703.62	3.20	700.42
	9/26/2016	703.62	4.29	699.33
	1/3/2017	703.62	5.12	698.50
	1/31/2018	703.62	5.43	698.19
PZ-1	6/15/2015	702.63	13.81	688.82
	9/26/2016	702.63	14.03	688.60
	1/3/2017	702.63	13.98	688.65
	1/31/2018	702.63	15.28	687.35
PZ-2	6/15/2015	704.07	21.15	682.92
	9/26/2016	704.07	5.90	698.17
	1/3/2017	704.07	21.77	682.30
	1/31/2017	704.07	7.82	696.25

**Notes**

All values are in feet

AMSL = above mean sea level

DTW = Depth to water

ND = Not Detected

TOC = Top of Casing

Monitoring wells surveyed in June 2015 by Surveying Associates, Inc.

**TABLE 3**  
**SOIL ANALYTICAL RESULTS**  
Packard Way, Ltd.  
3650-3652 East Barnard Avenue  
Cudahy, WI

Boring Identification	Date Sampled	Depth	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2_Dichloroethene	1,1-Dichloroethene	1,2,4- Trimethylbenzene	n-Butylbenzene	Bis(2-ethylhexyl)phthalate
<b>Industrial RCL <sup>1</sup></b>			<b>145,000</b>	<b>8,410</b>	<b>2,340,000</b>	<b>1,850,000</b>	<b>1,190,000</b>	<b>219,000</b>	<b>108,000</b>	<b>164,000</b>
<b>Non-Industrial RCL <sup>1</sup></b>			<b>33,000</b>	<b>1,300</b>	<b>156,000</b>	<b>1,560,000</b>	<b>320,000</b>	<b>219,000</b>	<b>108,000</b>	<b>38,800</b>
<b>Soil to Goundwater RCL <sup>1</sup></b>			<b>4.5</b>	<b>3.6</b>	<b>41.2</b>	<b>62.6</b>	<b>5</b>	<b>1,382</b>	<b>NE</b>	<b>NE</b>
HB1	7/20/2004	0-1.5	2,460	2,070	67	<28	<22	<36	<40	<40.5
TW1	7/20/2004	0.5-2	11,100	210	<35	<28	<22	<35	<40	<40.5
		4.5-5	21,500	538	<33	<28	<22	51	<40	<40.5
TW2	7/20/2004	2-3.5	70	<34	<34	<28	<22	35	<40	<40.5
B10/TW3	8/23/2004	6-8	<35	<35	<35	<28	<22	<35	<40	<40.5
		10-12	<32	<32	<32	<28	<22	<32	<40	<40.5
B11	8/23/2004	10-12	<32	<32	<32	<28	<22	<32	<40	<40.5
		14-16	<32	<32	<32	<28	<22	<32	<40	<40.5
B12	8/23/2004	2-4	37,701	<34	<34	<28	<22	<34	<40	<40.5
		8-10	1,430	309	<33	<28	<22	<33	<40	<40.5
B13/TW4	8/23/2004	2-4	6,850	199	<35	<28	<22	<35	<40	<40.5
		6-8	26,400	1,720	<34	<28	<22	<34	<40	<40.5
B14/TW5	8/23/2004	2-4	1,360	<37	<37	<28	<22	<37	<40	<40.5
		6-8	4,480	75	<32	<28	<22	<32	<40	<40.5
B15	8/23/2004	6-8	704	50	<35	<28	<22	<35	<40	<40.5
		10-12	<36	1,070	<36	<28	<22	<36	<40	<40.5
B16/TW6	8/23/2004	6-8	<36	<36	<36	<28	<22	<36	<40	<40.5
		10-12	<37	<37	<37	<28	<22	<37	<40	<40.5
B17/TW7	1/19/2006	6-8	<25	<25	<25	<28	<22	<25	<40	<40.5
B18/TW8	1/19/2006	2-4	2,710	<25	<25	<28	<22	<25	<40	<40.5
		6-8	2,720	133	<25	<28	<22	<25	<40	<40.5
B19/TW9	1/19/2006	2-4	<25	<25	<25	<28	<22	<25	<40	<40.5
B20/TW10	1/19/2006	2-4	660	<25	<25	<28	<22	<25	<40	<40.5
		6-8	1,850	<25	<25	<28	<22	<25	<40	<40.5
B21/TW11	1/19/2006	2-4	780	<25	<25	<28	<22	<25	<40	<40.5
		4-6	314	<25	<25	<28	<22	<25	<40	<40.5
B22/TW12	8/8/2006	2-4	<25	<25	<25	<28	<22	<25	<40	<40.5
		4-6	<25	<25	<25	<28	<22	<25	<40	<40.5
B23/TW13	8/8/2006	2-4	98	<25	<25	<28	<22	<25	<40	<40.5
		4-6	58 J	<25	<25	<28	<22	<25	<40	<40.5
B24/TW14	8/8/2006	4-6	<25	<25	<25	<28	<22	<25	<40	<40.5
B25/TW15	6/15/2007	2-4	211	<25	<25	<28	<22	<25	<40	<40.5
		4-6	510	<25	<25	<28	<22	<25	<40	<40.5
B26/TW16	8/29/2008	2-4	<18	<20	<24	<28	<22	<20	<40	<40.5
		4-6	<18	<20	<24	<28	<22	<20	<40	<40.5
B27/TW17	7/30/2010	6-8	<18	<50	<44	<28	<22	<73	<40	<40.5
B28/TW18	7/30/2010	4-6	<53	<50	<44	<28	<22	<73	<40	<40.5
SB-101	05/13/15	4	6,600	49 J	<21	<28	<22	<78	<40	<40.5
	05/13/15	10	3,600	224	<21	<28	<22	<78	<40	<40.5
	05/13/15	12	3,700	400	<21	<28	<22	<78	<40	<40.5
SB-102	05/13/15	2	1,910	<42	<21	<28	<22	<78	<40	<40.5
	05/13/15	6	5,100	110 J	<21	<28	<22	<78	<40	<40.5
	05/13/15	18	<54	<42	<21	<28	<22	<78	<40	<40.5
	05/13/15	40	<54	<42	<21	<28	<22	<78	<40	<40.5
SB-103	05/13/15	12	1,300	77 J	<21	<28	<22	<78	<40	<40.5
SB-104	05/13/15	2	410	<42	<21	<28	<22	86 J	<40	<40.5
	05/13/15	8	170	<42	<21	<28	<22	<78	<40	<40.5
SB-105	05/13/15	2	<54	<42	<21	<28	<22	<78	<40	<40.5
	05/13/15	4	<54	<42	<21	<28	<22	<78	<40	<40.5
	05/13/15	8	<54	<42	<21	<28	<22	<78	<40	<40.5
SB-106	05/13/15	10	2,170	640	33 J	<28	<22	<78	<40	<40.5
	05/13/15	14	3,600	700	29.7 J	<28	<22	<78	<40	<40.5
	5/13/2015	30	<54	<42	<21	<28	<22	<78	<40	<40.5

**TABLE 3**  
**SOIL ANALYTICAL RESULTS**  
Packard Way, Ltd.  
3650-3652 East Barnard Avenue  
Cudahy, WI

Boring Identification	Date Sampled	Depth	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2_Dichloroethene	1,1-Dichloroethene	1,2,4- Trimethylbenzene	n-Butylbenzene	Bis(2-ethylhexyl)phthalate
<b>Industrial RCL <sup>1</sup></b>			<b>145,000</b>	<b>8,410</b>	<b>2,340,000</b>	<b>1,850,000</b>	<b>1,190,000</b>	<b>219,000</b>	<b>108,000</b>	<b>164,000</b>
<b>Non-Industrial RCL <sup>1</sup></b>			<b>33,000</b>	<b>1,300</b>	<b>156,000</b>	<b>1,560,000</b>	<b>320,000</b>	<b>219,000</b>	<b>108,000</b>	<b>38,800</b>
<b>Soil to Goundwater RCL <sup>1</sup></b>			<b>4.5</b>	<b>3.6</b>	<b>41.2</b>	<b>62.6</b>	<b>5</b>	<b>1,382</b>	<b>NE</b>	<b>NE</b>
WS-1	12/7/2017	5-6	<32	<b>2,740</b>	<b>960</b>	<b>104</b>	<22	<25	<b>49 J</b>	<40.5
		9-10	<32	<b>4,400</b>	<b>278</b>	<b>41 J</b>	<22	<25	<40	<40.5
WS-2	12/7/2017	2-3	<b>2,180</b>	<41	<32	<28	<22	<25	<40	<40.5
		9-10	<b>570</b>	<b>410</b>	<32	<28	<22	<25	<40	<40.5
WS-3	12/7/2017	0-1	<b>5,400</b>	<b>85 J</b>	<32	<28	<22	<25	<40	<40.5
		9-10	<32	<b>80 J</b>	<32	<28	<22	<25	<40	<40.5
WS-4	12/7/2017	8-9	<b>1,670</b>	<b>290</b>	<b>59 J</b>	<28	<22	<25	<40	<40.5
		9-10	<b>320</b>	<b>127 J</b>	<32	<28	<22	<25	<40	<40.5
WS-5	12/7/2017	5-6	<b>14,500</b>	<b>77 J</b>	<32	<28	<22	<25	<40	<40.5
		9-10	<b>36 J</b>	<41	<32	<28	<22	<25	<40	<40.5
WS-6	12/7/2017	6-7	<b>2,060</b>	<41	<32	<28	<22	<25	<40	<40.5
		9-10	<b>41 J</b>	<b>68 J</b>	<32	<28	<22	<25	<40	<40.5
WS-7	12/7/2017	6-7	<b>2,420</b>	<b>46 J</b>	<32	<28	<22	<25	<40	<40.5
		9-10	<b>790</b>	<b>74 J</b>	<32	<28	<22	<25	<40	<40.5
WS-8	12/7/2017	3-4	<32	<41	<32	<28	<22	<25	<40	<40.5
WS-9	12/7/2017	0-1	<b>4,900</b>	<b>172</b>	<32	<28	<22	<25	<40	<40.5
		5-6	<32	<41	<32	<28	<22	<25	<40	<b>45 J</b>
WS-10	12/7/2017	0-1	<b>2,560</b>	<b>1,650</b>	<b>93 J</b>	<b>115</b>	<b>29.3</b>	<25	<40	<40.5
WS-11	12/7/2017	1-2	<b>17,700</b>	<b>1,590</b>	<b>38 J</b>	<28	<b>28.9</b>	<25	<40	<40.5
		5-6	<b>420</b>	<41	<32	<28	<22	<25	<40	<40.5

**Notes:**

Residual contaminant level are based on USEPA Soil Screening Levels (December 2017)

Samples analyzed using EPA SW-846 Method 8260 with Prep Method 5030B

All concentrations reported in units of micrograms per kilogram (µg/kg)

**Bolded** and Shaded green values exceed the WDNR generic Non-Industrial Residual Contaminant Levels

**Bolded** and Shaded blue values exceed the WDNR generic Soil to Groundwater Residual Contaminant Levels

**Bolded** values are above detection limits

J = Concentration is less than the reporting limit but greater than the method detection limit.

**TABLE 4**  
**GROUNDWATER ANALYTICAL RESULTS**

Packard Way, Ltd.  
3650-3652 East Barnard Avenue  
Cudahy, WI

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	n-Butylbenzene	sec-Butylbenzene	Chloroethane	1,2-Dichloroethane	1,1-Dichloroethene	Ethylbenzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)	
<b>Public Health Enforcement Standard</b>		5	5	70	100	0.2	5	NE	NE	400	5	7	700	NE	60	100	NE	NE	800	480	480	2,000	
<b>Public Health Preventive Action Limit</b>		0.5	0.5	7	20	0.02	0.5	NE	NE	80	0.5	0.7	140	NE	12	10	NE	NE	160	96	96	400	
TW1	9/9/2004	36	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/9/2004'	39	3.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/20/2006	24	2.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/8/2006	28.3	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/11/2015*	5.1	1.12 J	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<1.1	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
1/31/2018*	4.1	0.74 J	<0.37	<0.34	<0.2	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	0.22 J	<0.8	<0.63	<0.72		
TW2	9/9/2004	2.1	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/20/2006	<0.45	<0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/8/2006	1.9	0.69 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/11/2015	<0.74	<0.47	2.58	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<1.1	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/31/2018	0.83 J	<0.3	2.09	<0.34	<0.2	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72	
TW3	9/9/2004	6.9	5.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/20/2006	64	10.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/8/2006	29.9	10.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW4	9/9/2004	890	220	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/20/2006	313	52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/8/2006	820	105	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW5	9/9/2004	140	4.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW6	9/9/2004	2.4	26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/20/2006	1.17 J	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/8/2006	3.3	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW7	1/20/2006	<0.45	<0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW8	1/20/2006	49	4.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/8/2006	300	22.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW9	1/20/2006	1.41	12.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/8/2006	1.22	22.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW11	1/20/2006	6.4	<0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/20/2006	0.62 J	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/8/2006	43	0.44 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW12	8/8/2006	14	2.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW13	8/8/2006	1.83	<0.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW14	8/8/2006	<0.37	<0.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW16	9/19/2008	<0.5	<0.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW17	8/13/2010	<0.43	<0.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW18	8/13/2010	0.47 J	<0.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3650 Barnard Ave Basement Sump	9/8/2005	740	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/2017	3,700	51 J	21.5 J	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	

**TABLE 4**  
**GROUNDWATER ANALYTICAL RESULTS**  
Packard Way, Ltd.  
3650-3652 East Barnard Avenue  
Cudahy, WI

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	n-Butylbenzene	sec-Butylbenzene	Chloroethane	1,2-Dichloroethane	1,1-Dichloroethene	Ethylbenzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)	
<b>Public Health Enforcement Standard</b>		5	5	70	100	0.2	5	NE	NE	400	5	7	700	NE	60	100	NE	NE	800	480	480	2,000	
<b>Public Health Preventive Action Limit</b>		0.5	0.5	7	20	0.02	0.5	NE	NE	80	0.5	0.7	140	NE	12	10	NE	NE	160	96	96	400	
3654 Barnard Ave Basement Sump	8/29/2006	11.5	0.79 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-1	6/15/2015	5.4	1.91	27.8	1.12 J	3.6	<0.44	<1	<1.2	<0.43	<0.54	<1.1	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	9/27/2016	118	27	46	2.68	4.3	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/5/2017	104	21	39	1.71	1.36	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/31/2018	91	13.4	26.4	1.58	1.16	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72	
MW-2	6/15/2015	25.2	146	65	<5.4	<1.7	<4.4	<10	<12	<4.3	<5.4	<11	<7.1	<8.2	<1.1	<16	<7.7	<11	<4.4	<16	<1.5	<3.1	
	9/27/2016	192	1,040	410	25.6	14.5	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/5/2017	158	760	320	16.6 J	6.2	<4.4	<10	<12	<6.5	<4.8	<6.5	<7.1	<8.2	<11	<16	<7.7	<11	<4.4	<16	<15	<31	
	1/31/2018	138	660	370	19.9	6.4 J	<2.2	<7.1	<7.9	<6.1	<2.5	<4.2	<2.6	<7.8	<2.8	<21	<6.1	<2.4	<1.9	<8	<6.3	<7.2	
MW-3	6/15/2015	52	5.9	0.57 J	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<1.1	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	9/27/2016	175	10.6	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/5/2017	178	9.1	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/31/2018*	150	7.4	0.68 J	<0.34	<0.2	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72	
MW-4	6/15/2015	<0.74	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<1.1	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	9/27/2016	1.21 J	1.3 J	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/4/2017	0.81 J	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/31/2018	0.81 J	<0.3	<0.37	<0.34	<0.2	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72	
MW-5	6/15/2015	<0.74	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<1.1	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	9/27/2016	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/4/2017	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/31/2018^	<0.38	<0.3	<0.37	<0.34	<0.2	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72	
MW-6/TW15	6/15/2007	470	25.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/13/2015	246	17.2	6.8	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<1.1	<0.71	<0.82	<1.1	3.7 J	<0.77	<1.1	<0.44	5.5	<1.5	1.09 J	
	9/27/2016	360	22.6	5.1	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/5/2017	320	14.3 J	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/31/2018	232	12.2	<3.7	<3.4	<2	<2.2	<7.1	<7.9	<6.1	<2.5	<4.2	<2.6	<7.8	<2.8	<21	<6.1	<2.4	<1.9	<8	<6.3	<7.2	
MW-7/TW10	1/20/2006	195	13.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/8/2006	182	<3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/13/2015	56	2.95	1.45	<0.54	<0.17	<0.44	4.7 J	<1.2	<0.43	<0.54	<1.1	<0.71	<0.82	<1.1	4.7 J	<0.77	<1.1	<0.44	8.1	1.96 J	1.09 J	
	9/27/2016	26.8	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/5/2017	94	1.77	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
	1/31/2018	86	1.62	<0.37	<0.34	<0.2	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72	



**TABLE 4**  
**GROUNDWATER ANALYTICAL RESULTS**

Packard Way, Ltd.  
3650-3652 East Barnard Avenue  
Cudahy, WI

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	n-Butylbenzene	sec-Butylbenzene	Chloroethane	1,2-Dichloroethane	1,1-Dichloroethene	Ethylbenzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)
<b>Public Health Enforcement Standard</b>		5	5	70	100	0.2	5	NE	NE	400	5	7	700	NE	60	100	NE	NE	800	480	480	2,000
<b>Public Health Preventive Action Limit</b>		0.5	0.5	7	20	0.02	0.5	NE	NE	80	0.5	0.7	140	NE	12	10	NE	NE	160	96	96	400
PZ-1	6/15/2015	<0.74	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<1.1	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	9/27/2016	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	1/4/2017	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	1/31/2018	<b>0.42 J</b>	<0.3	<0.37	<0.34	<0.2	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72
PZ-2	6/15/2015	<b>9.9</b>	<b>7.9</b>	<b>1.44</b>	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<1.1	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	9/27/2016	<b>8.8</b>	<b>3.6</b>	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	1/4/2017	<b>8.3</b>	<b>3.6</b>	<b>0.54 J</b>	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.48	<0.65	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	1/31/2018	<b>6.9</b>	<b>2.03</b>	<0.37	<0.34	<0.2	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72

**Notes:**

Samples analyzed for VOCs according to EPA Method 8260

Only detected compounds are listed

All concentrations reported in micrograms per liter (µg/L)

**Bolded** values are above method detection limits

**Bolded and orange shaded** values are above Public Health Enforcement Standard

**Bolded and blue shaded** values are above Public Health Preventive Action Limit

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

\* = Chloroform detected but at concentration below Preventive Action Limit

^ = 1,1,1-Trichloroethane detected but at concentration below Preventive Action Limit

ND = Not Detected

**TABLE 5**  
**INDOOR AIR AND SUB-SLAB VAPOR SAMPLE ANALYTICAL RESULTS**

Packard Way, Ltd.  
 3650-3652 East Barnard Avenue  
 Cudahy, WI

Sample Address	Sample Identification	Sample Location	Applicable Criteria	Date Sampled	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
<b>INDOOR/OUTDOOR AIR SAMPLES</b>									
<b>Residential Vapor Action Level</b>					<b>42</b>	<b>2.1</b>	<b>NL</b>	<b>NL</b>	<b>1.7</b>
<b>3658 East Barnard Avenue</b>	6306-3658-IA-2	2nd Floor	Residential	7/15/2015	<3.19	<1.07	<19.8	<39.6	<1.28
	6306-3658-IA-1	1st Floor		7/15/2015	<3.19	<1.07	<19.8	<39.6	<1.28
	6306-3658-IA-B	Basement		7/15/2015	<3.19	<1.07	<19.8	<39.6	<1.28
<b>Between Garage and House</b>	6306-3658-OA	Outdoors	Not Applicable	7/15/2015	<3.19	<1.07	<19.8	<39.6	<1.28
<b>SUB-SLAB VAPOR SAMPLES</b>									
<b>Residential Vapor Risk Screening Level</b>					<b>1,400</b>	<b>70</b>	<b>NL</b>	<b>NL</b>	<b>57</b>
<b>3658 East Barnard Avenue</b>	6306-3658-SSV-1	Basement	Residential	7/16/2015	<31.9	<10.7	<198	<396	<12.8
	6306-3658-SSV-2			7/16/2015	<31.9	<10.7	<198	<396	<12.8

**Notes:**

Results reported in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ )

IA = Indoor Air

OA = Outdoor Air

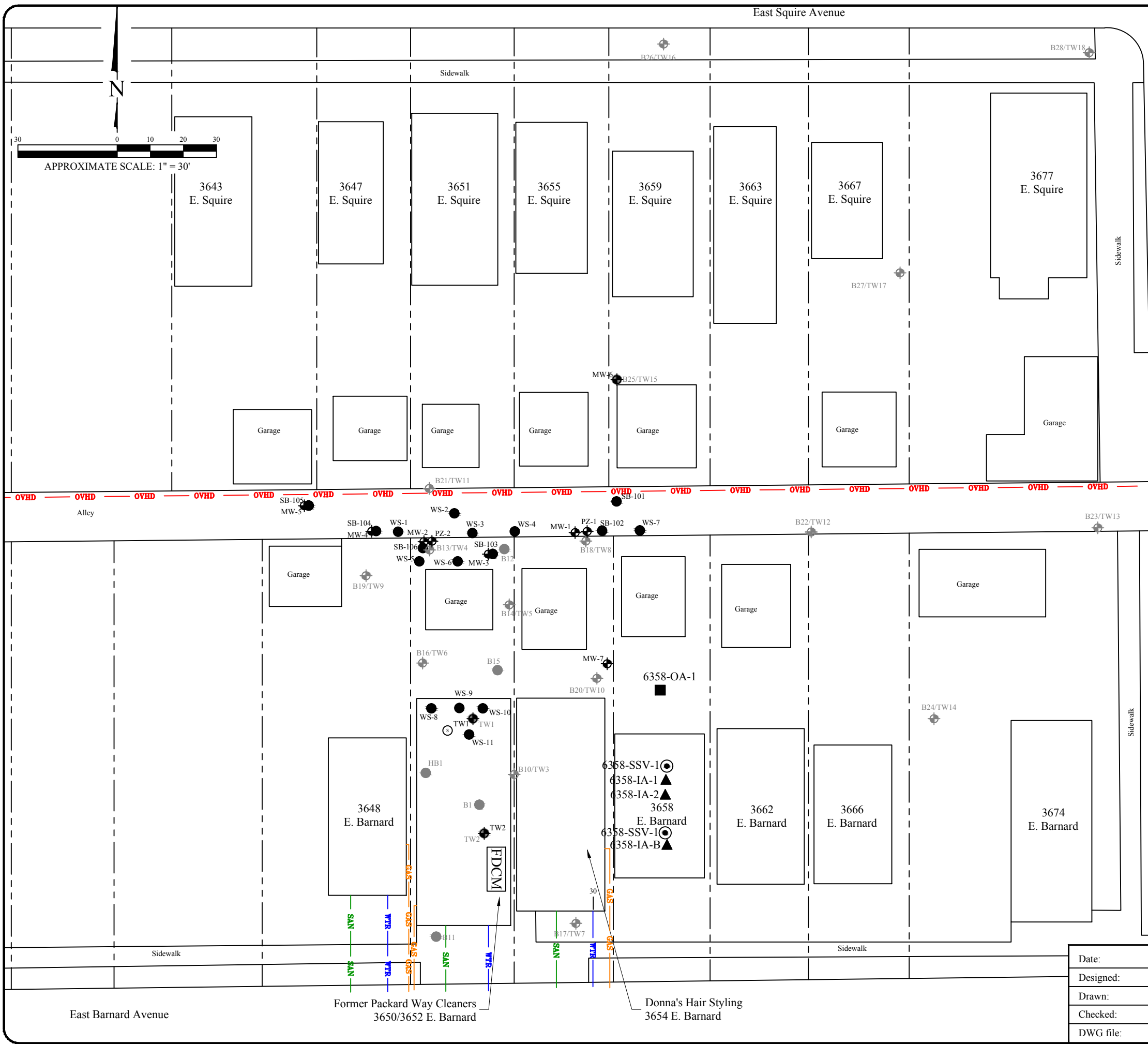
SSV = Sub Slab Vapor

Sub-slab vapor screening levels derived using the most recent attenuation factor of 0.03

Analysis performed by Envision Laboratories according to the United States (US) Environmental Protection Agency (EPA) SW-846 Method TO-15

Compounds not listed are below laboratory reporting limits

## **FIGURES**



### Legend

- MW-1 Monitoring well location
- SB-101 Direct push soil boring location
- B1 Soil boring location (By Others)
- B26/TW16 Former soil boring/Temporary well location (By Others)
- SSV-1 Sub-slab sample
- OA-1 Outdoor air sample
- IA-1 Indoor air sample
- - - - - Property boundary
- GAS Underground gas utility line
- WTR Underground water utility line
- SAN Underground sanitary utility line
- OVHD Over head electrical utility line
- Sump
- Former dry cleaning machine location

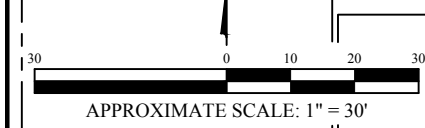
**SITE LAYOUT AND SAMPLE LOCATION MAP**

Former Packard Way Cleaners  
3650/3652 East Barnard Avenue  
Cudahy, Wisconsin

Date:	7/1/15
Designed:	EB
Drawn:	EB
Checked:	RH
DWG file:	6306-0105

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Figure	1
Project	6306



East Barnard Avenue

Former Packard Way Cleaners  
3650/3652 E. Barnard

Donna's Hair Styling  
3654 E. Barnard



- ### Legend
- MW-1 ◆ Monitoring well location
  - - - - - Property boundary
  - ⊙ Sump
  - [FDCM] Former dry cleaning machine location
  - 700 — Groundwater elevation contour
  - 699.15 — Groundwater elevation (feet above mean sea level)

**Notes:**  
 1. \* = Not included during potentiometric surface interpretation.

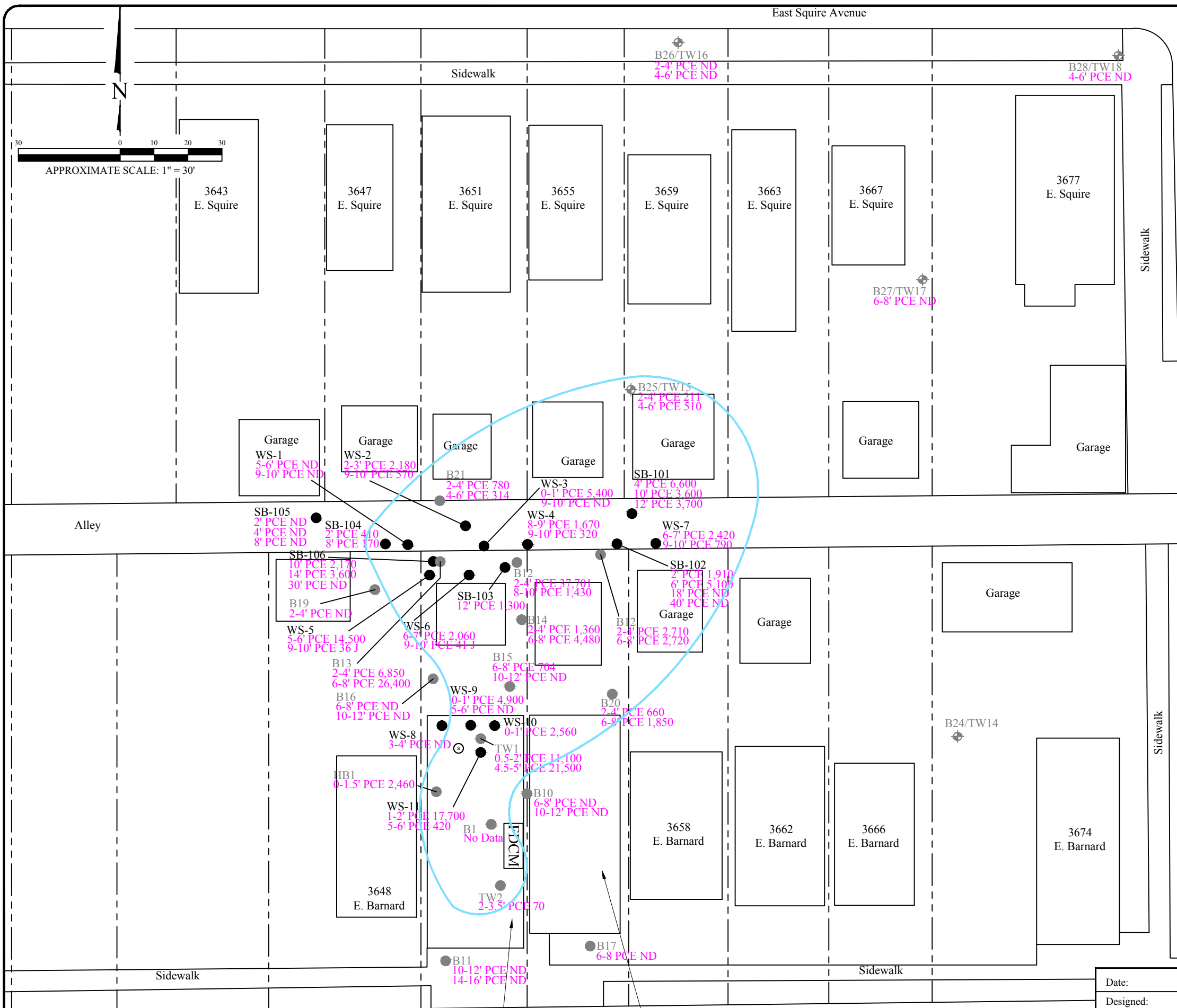
POTENTIOMETRIC SURFACE MAP  
 JANUARY 31, 2018  
 Former Packard Way Cleaners  
 3650/3652 East Barnard Avenue  
 Cudahy, Wisconsin

Date:	2/7/18
Designed:	EB
Drawn:	KH
Checked:	RH
DWG file:	6306-0360



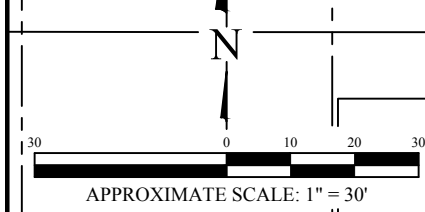
Figure	2
Project	6306

East Barnard Avenue  
 Former Packard Way Cleaners 3650/3652 E. Barnard  
 Donna's Hair Styling 3654 E. Barnard



**Legend**

- SB-101 ● Direct push soil boring location
- B1 ● Soil boring location (By Others)
- B26/TW16 ● Former soil boring/Temporary well location (By Others)
- - - Property boundary
- ⊙ Sump
- FDCM Former dry cleaning machine location
- 5 PCE concentration (µg/kg)
- Extent of PCE in soil exceeding the Soil to groundwater RCL (4.5 µg/kg)



South Kirkwood Avenue

<b>EXTENT OF PCE IN SOIL</b>	
Former Packard Way Cleaners 3650/3652 East Barnard Avenue Cudahy, Wisconsin	
	Figure 3
825 N. Capitol Avenue • Indianapolis, IN 46204 EnviroForensics.com	
Project 6306	

Date:	2/7/18
Designed:	EB
Drawn:	KH
Checked:	KH
DWG file:	6306-0364

East Barnard Avenue

Former Packard Way Cleaners  
3650/3652 E. Barnard

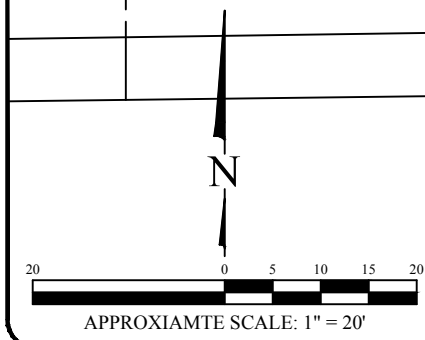
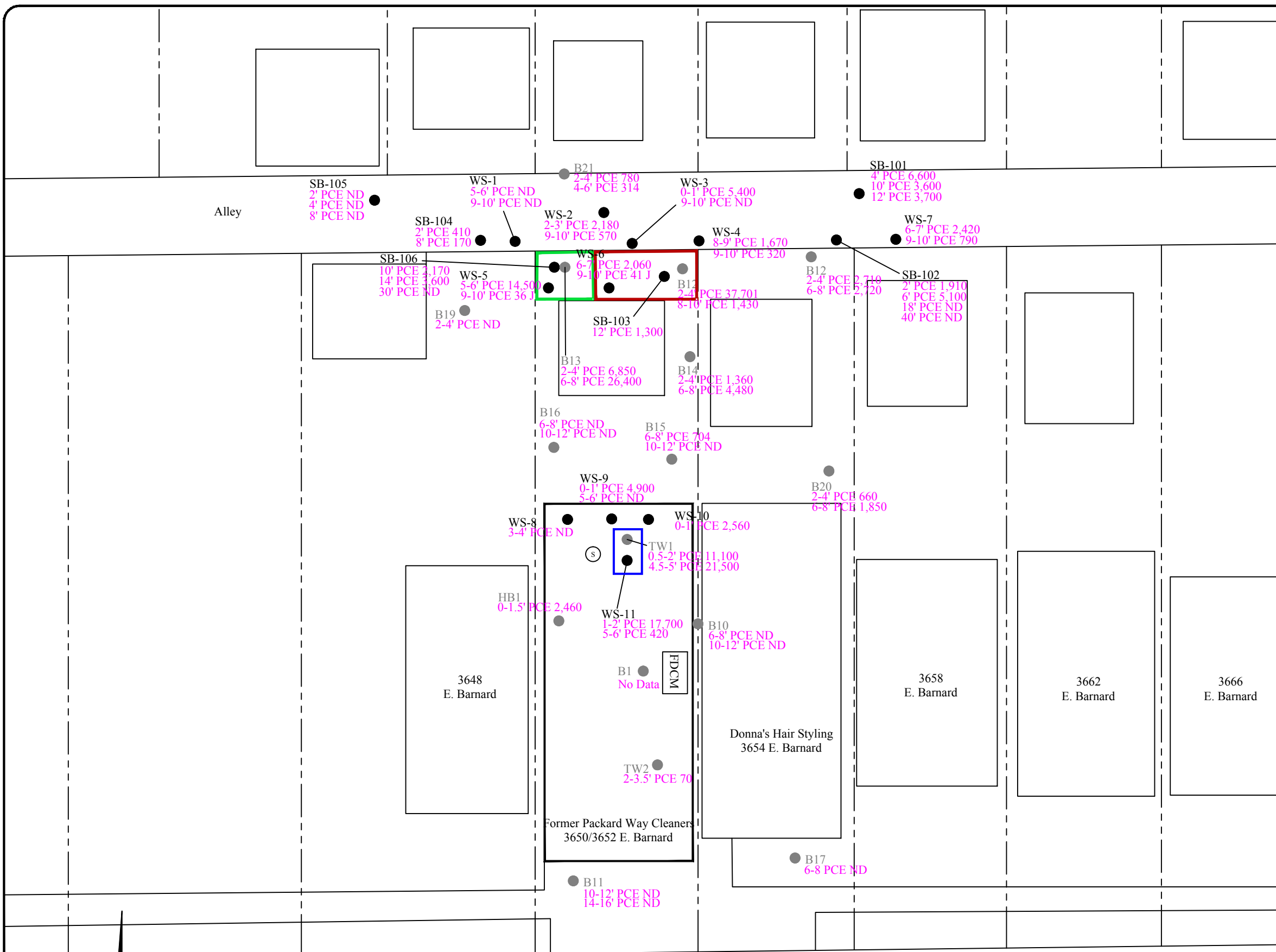
Donna's Hair Styling  
3654 E. Barnard

### Legend

- WS-1 ● Waste Characterizaion Soil Sample Location
- B1 ● Soil boring location (By Others)
- Property boundary
- ⊙ Sump
- FDCM Former dry cleaning machine location
- 320 PCE concentration (µg/kg)
- Proposed excavation area to 5 feet bgs
- Proposed excavation area to 6 feet bgs
- Proposed excavation area to 8 feet bgs

Analytes	Soil Residual Containment Level		
	Industrial	Non-Industrial	Soil to Groundwater
PCE	145,000	33,000	4.5

- Notes:
1. Results reported in micrograms per kilogram = ug/kg
  2. J = Estimated concentration above the method detection limit and below the reporting limit
  3. PCE = Tetrachloroethene
  4. ND = Compounds not detected



**PCE SOIL RESULTS AND PROPOSED EXCAVATION  
EXTENT MAP**  
Former Packard Way Cleaners  
3650/3652 East Barnard Avenue  
Cudahy, Wisconsin

Date:	2/15/18
Designed:	EB
Drawn:	EB
Checked:	RH
DWG file:	6306-0352



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Figure	4
Project	6306



### Legend

- MW-1 Monitoring well location
- SB-101 Direct push soil boring location
- B1 Soil boring location (By Others)
- B26/TW16 Former soil boring/Temporary well location (By Others)
- Property boundary
- Sump
- Former dry cleaning machine location
- Extent of PCE in groundwater exceeding the Public Health Preventive Action Level (0.5 µg/L)
- Extent of PCE in groundwater exceeding the Public Health Enforcement Standard (5 µg/L)

### EXTENT OF PCE IN GROUNDWATER

Former Packard Way Cleaners  
 3650/3652 East Barnard Avenue  
 Cudahy, Wisconsin

Date:	2/7/18
Designed:	EB
Drawn:	KH
Checked:	RH
DWG file:	6306-0228

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Figure	5
Project	6306

East Barnard Avenue

Former Packard Way Cleaners  
 3650/3652 E. Barnard

Donna's Hair Styling  
 3654 E. Barnard



## **APPENDIX A**

### **Soil Boring Logs and Borehole Abandonment Forms**

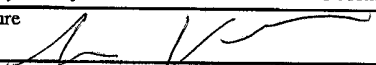
Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelpment  Other

Page 1 of 1

Facility/Project Name Former Packard Way Cleaners, LTD		License/Permit/Monitoring Number 02-41-515150		Boring Number WS-1	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Tony Last Name: Kapugi Firm: On-Site Environmental		Date Drilling Started 12/07/2017	Date Drilling Completed 12/07/2017	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.3 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		State Plane N, E		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of 1/4 of Section, T, N, R		Lat	Long		
Facility ID 241490920	County Milwaukee	County Code 4	Civil Town/City/ or Village Cudahy		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments			
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
51/60			0-5	(0-0.5') Concrete				0-1									
				(0.5'-2.6') Petroleum odor, v. dark greyish brown w/ light purple streaking, silty CLAY w/ sand, few gravel, moist, noP				0.3									
								1-2									
								0-3									
								2-3									
								0-3									
								3-4									
								0-1									
				60/60			5-10	(2.6'-5.5') grey/green brown silty clay, soft, noP, moist, few sand + gravel				4-5					
												5.3					
								5-6									
								9.6									
								6-7									
								4.7									
								7-8									
								4.8									
								8-9									
								6.5									
				9-10													
				2-2													

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm EnviroForensics, LLC

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

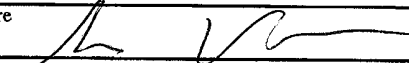
Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelopment  Other

Page 1 of 1

Facility/Project Name Former Packard Way Cleaners, LTD		License/Permit/Monitoring Number 02-41-515150		Boring Number WS-2	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Tony Last Name: Kapugi Firm: On-Site Environmental		Date Drilling Started 12/07/2017	Date Drilling Completed 12/07/2017	Drilling Method Direct Ash	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.3 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		State Plane N, E		Local Grid Location	
1/4 of Section T, N, R		Lat 0, 0		Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 241490920		County Milwaukee	County Code 41	Civil Town/City/ or Village Cudahy	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
58/60			0-5	(0-0.5') Concrete				0-1							
				(0.5'-3.9') silty clay, some sand, few gravel, dry, no P, light brown				0.2							
				(3.9-5.4') Sandy clay w/silt, light brown, dry				1-2							
								0.4							
								2-3							
56/60			5-10	(5.4-5.6') gravel, dry				1.1							
				(5.6-10') light brown transitions to light reddish brown w/ depth, silty CLAY, tm plasticity, few sand & gravel, dry				3-4							
								0.3							
								4-5							
								0.2							
								5-6							
				to light reddish brown w/ depth, silty CLAY, tm plasticity, few sand & gravel, dry				0.3							
								6-7							
								0.9							
								7-8							
								0.4							
								8-9							
								0.3							
								9-10							
								0.6							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm EnviroForensics, LLC

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Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Revelment  Other

Page 1 of 1

Facility/Project Name Former Packard Way Cleaners, LTD		License/Permit/Monitoring Number 02-41-515150	Boring Number WS-3
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Tony Last Name: Kapugi Firm: On-Site Environmental		Date Drilling Started 12/07/2017	Date Drilling Completed 12/07/2017
Drilling Method Direct Push		Final Static Water Level Feet MSL	Surface Elevation Feet MSL
WI Unique Well No.	DNR Well ID No.	Well Name	Borehole Diameter 2.3 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Lat 0' "	Local Grid Location
State Plane N, E		Long 0' "	<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
1/4 of 1/4 of Section, T N, R		County Code 41	Civil Town/City/ or Village Cudahy
Facility ID 241490920		County Milwaukee	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments			
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
47/60 60/60			0-5	(0-0.5') Concrete				0-1									
				(0.5-3.8') Very dark brown sandy clay, some silt and gravel, <del>no</del> plasticity kv				0.8									
				(3.8-4') Dry brown sand						1-2							
				(4'-4.9') Brown sandy clay, some gravel						0.4							
				(4.9-9.6') Pale brown silty clay, hardens w/ depth, 1-m plasticity						2-3							
				(9.6-10') Pale brown silty clay kv Orange-brown silty clay, hard, v. dark greyish brown mottling, some sand & gravel, low-m plasticity						0.7							
										3-4							
										0.5							
										4-5							
										0.6							
							5-6										
							0.3										
							6-7										
							0.4										
							7-8										
							0.3										
							8-9										
							0.1										
							9-10										
							0.1										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm EnviroForensics, LLC
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelment  Other

Page 1 of 1

Facility/Project Name Former Packard Way Cleaners, LTD		License/Permit/Monitoring Number 02-41-515150		Boring Number WS-4	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Tony Last Name: Kapugi Firm: On-Site Environmental		Date Drilling Started 12/07/2017 m m d d y y y y	Date Drilling Completed 12/07/2017 m m d d y y y y	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.3 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane N, E			Lat 0 ' "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of 1/4 of Section , T N, R			Long 0 ' "	Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
Facility ID 241490920		County Milwaukee	County Code 41	Civil Town/City/ or Village Cudahy	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
48/60	5-10		0-5	(0-0.5') Concrete				0-1						
				(0.5-1.8') Greenish-brown gravelly clay				0.3						
				(1.8-4.2') Dark brown silty clay, some sand + fine gravel, no Plasticity				1-2						
								0.2						
								2-3						
								0.4						
								3-4						
								0.6						
								4-5						
								1.0						
50/60			5-10	(4.2-10') Soft silty clay, few sand + fi gravel, No Plasticity, moist at 5.6'-6 ft and past 7.8 ft, hardens + gleys past 7 ft.				5-6						
								0.4						
								6-7						
								0.4						
								7-8						
								1.8						
								8-9						
								1.9						
				9-10										
				0.4										

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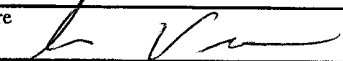
Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelpment  Other

Page 1 of 1

Facility/Project Name Former Packard Way Cleaners, LTD		License/Permit/Monitoring Number 02-41-515150	Boring Number WS-5
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Tony Last Name: Kapugi Firm: On-Site Environmental		Date Drilling Started 12/07/2017	Date Drilling Completed 12/07/2017
Drilling Method Direct Push		Final Static Water Level Feet MSL	Surface Elevation Feet MSL
WI Unique Well No.	DNR Well ID No.	Well Name	Borehole Diameter 2.3 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Lat 0' "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E
State Plane N, E		Long 0' "	<input type="checkbox"/> S <input type="checkbox"/> W
1/4 of 1/4 of Section T N, R		Feet	Feet
Facility ID 241490920	County Milwaukee	County Code 41	Civil Town/City/ or Village Cudahy

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
56/60	60/60		6-5	(0-0.5') Concrete				G-1						
				(0.5-1.3') v. dark brown gravelly clay w/ sand				G-3						
				(1.3-4.6') sandy clay w/ silt, some gravel, soft, light brown, dry				1-2						
								0.2						
								2-3						
								G-4						
								3-4						
								G-5						
								4-5						
								G-1						
60/60			5-10	(4.6-10') Dark reddish-brown clay, low P, few sand & gravel, dry, transitions to greyish brown near kv w/ depth				5-6						
								1.7						
								6-7						
								1-2						
								7-8						
								G-4						
								8-9						
								G-2						
								9-10						
								0.3						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

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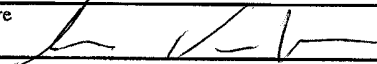
Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelopment  Other

Page 1 of 1

Facility/Project Name Former Packard Way Cleaners, LTD		License/Permit/Monitoring Number 02-41-515150	Boring Number WS-6
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Tony Last Name: Kapugi Firm: On-Site Environmental		Date Drilling Started 12/07/2017	Date Drilling Completed 12/07/2017
Drilling Method Direct Push		Final Static Water Level Feet MSL	Surface Elevation Feet MSL
WT Unique Well No.	DNR Well ID No.	Well Name	Borehole Diameter 2.3 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane _____ N, _____ E		Lat _____ " _____ "	
1/4 of _____ 1/4 of Section _____ T _____ N, R _____		Long _____ " _____ "	
Facility ID 241490920		County Milwaukee	Civil Town/City/ or Village Cudahy

Sample Number and Type	Length Att. & Recovered (ft)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments			
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
S3/60	60/60		0-5	(0-0.5') Concrete				0-1									
				(0.5-2.1') Very dark greyish brown sandy clay w/ f. gravel, saturated				0.1									
				(2.1'-6.4') strong brown silty clay, low Plasticity, few sand & gravel, dry						1-2							
				(6.4-7.5') Fine sandy clay w/ silt, light brown w/ orange-yellow mottling, few gravel						0.3							
				(7.5-10') Dark reddish-brown silty clay, low P, hard, few sand & gravel						2-3							
										0.1							
										3-4							
										0.2							
										4-5							
										0.1							
							5-6										
							0.2										
							6-7										
							0.4										
							7-8										
							0.2										
							8-9										
							0.3										
							9-10										
							0.1										

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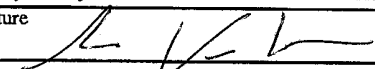
Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelpment  Other

Page 1 of 1

Facility/Project Name Former Packard Way Cleaners, LTD		License/Permit/Monitoring Number 02-41-515150		Boring Number WS-7	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Tony Last Name: Kapugi Firm: On-Site Environmental		Date Drilling Started 12/07/2017	Date Drilling Completed 12/07/2017	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.3 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Lat 0 ' "		Local Grid Location	
State Plane _____ N, _____ E		Long 0 ' "		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of _____ 1/4 of Section _____, T _____, N, R _____		County Code 4 1		Civil Town/City/ or Village Cudahy	
Facility ID 241490920		County Milwaukee			

Sample Number and Type	Length Alt. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
42/60			0-5	(0-0.5') concrete				0-1							
				(0.5-3.1') light brown sandy clay, some gravel, dry				0.4							
				(3.1-3.6') clayey wet sand, light brown				1-2							
								0.3							
								2-3							
								0.6							
								3-4							
								0.7							
								4-5							
								0.2							
59/60			5-10	(3.6-10') light brown silty clay, few sand + gravel, low plasticity, dry, color changes to tan w/ depth				5-6							
								0.5							
								6-7							
								0.8							
								7-8							
								0.2							
								8-9							
								0.5							
								9-10							
								0.3							

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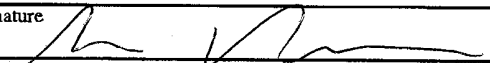


Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelpment  Other

Page 1 of 1

Facility/Project Name Former Packard Way Cleaners, LTD		License/Permit/Monitoring Number 02-41-515150	Boring Number WS-8
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Tony Last Name: Kapugi Firm: On-Site Environmental		Date Drilling Started 12/07/2017	Date Drilling Completed 12/07/2017
Drilling Method Hand Auger		Final Static Water Level Feet MSL	Surface Elevation Feet MSL
WI Unique Well No.	DNR Well ID No.	Well Name	Borehole Diameter 3.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E		Lat _____ "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
1/4 of _____ 1/4 of Section _____, T _____ N, R _____		Long _____ "	Feet _____ Feet _____
Facility ID 241490920	County Milwaukee	County Code 4	Civil Town/City/ or Village Cudahy

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	100%			(0.8 <sup>uv</sup> -0.5') Concrete				0-1							
				(0.5-2') Petroleum odor, Dark reddish-brown sandy CLAY w/ silt, moist, some gravel				0.9							
				(2'-4') Dark brown silty clay, mP, few sand & gravel				1.2							
								1.4							
								2-3							
								0.9							
								3-4							
								1.6							

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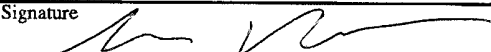
Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelpment  Other

Page 1 of 1

Facility/Project Name Former Packard Way Cleaners, LTD		License/Permit/Monitoring Number 02-41-515150		Boring Number WS-9	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Tony Last Name: Kapugi Firm: On-Site Environmental		Date Drilling Started 12/07/2017		Date Drilling Completed 12/07/2017	
Drilling Method Hand Auger		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
WI Unique Well No.	DNR Well ID No.	Well Name		Borehole Diameter 3.0 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		State Plane N, E		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of Section, T N, R		Lat 0' "		Long 0' "	
Facility ID 241490920		County Milwaukee		County Code 4	
		Civil Town/City/ or Village Cudahy			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	100%			(0-0.5') Concrete				0-1							
				(0.5-2.8') Dark greyish brown silty clay, low P, some sand & gravel, moist				0.9							
				(2.8-6') Greyish brown silty clay, moist, low-m Plasticity, few sand + gravel				1-2							
								0.6							
								2-3							
								0.6							
								3-4							
								0.5							
								4-5							
								0.5							
								5-6							
								0.6							

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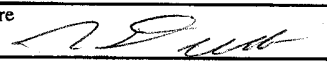
Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelpment  Other

Page 1 of 1

Facility/Project Name Former Packard Way Cleaners, LTD		License/Permit/Monitoring Number 02-41-515150		Boring Number WS-10	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Tony Last Name: Kapugi Firm: On-Site Environmental		Date Drilling Started 12/07/2017	Date Drilling Completed 12/07/2017	Drilling Method Hand Auger	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 3.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		State Plane N, E		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of 1/4 of Section, T, N, R		Lat	Long		
Facility ID 241490920	County Milwaukee	County Code 4	Civil Town/City/ or Village Cudahy		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	100%		0	0.0-0.5 concrete				0-1							
			0.5	0.5-0.8 dark blackish grey silty clay low p, some f to c sand, net.				0.7							
			0.8	0.8-2.2 greyish brown silty clay low p, dry.				1-2							
			2.2	2.2-4 Dark brown silty clay low p, some f sand.				0.6							
			4	4 E.O.B				2-3							
								3-4							
								0.6							

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelpment  Other

Page 1 of 1

Facility/Project Name Former Packard Way Cleaners, LTD		License/Permit/Monitoring Number 02-41-515150	Boring Number WS-11
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Tony Last Name: Kapugi Firm: On-Site Environmental		Date Drilling Started 12/07/2017	Date Drilling Completed 12/07/2017
Drilling Method Hand Auger		Final Static Water Level Feet MSL	Surface Elevation Feet MSL
WI Unique Well No.	DNR Well ID No.	Well Name	Borehole Diameter 3.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E		Lat _____ "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
1/4 of _____ 1/4 of Section _____, T _____ N, R _____		Long _____ "	Feet _____ Feet _____
Facility ID 241490920	County Milwaukee	County Cqde 41	Civil Town/City/ or Village Cudahy

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	100%		0	0-0.5 concrete				0-1							
			0.5	0.5-0.8 greyish brown silty clay, low p, wet				5.3							
			0.6	0.8-3 Brown, sandy clay low p, semi-moist				1-2 9.8							
			3	3-4.5 greyish green silty clay low p, some gravel				2-3 1.2							
			4.5	4.5-5.5 greyish brown silty clay, low p, moist				3-4 0.6							
				5.5-6 greyish brown silty clay, high p, moist				4-5 0.6							
				EOB @ 6 ft bgs				5-6 0.5							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm EnviroForensics, LLC

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <u>Milwaukee</u>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <u>Former Packard Way Cleaners, LTD</u>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <u>241490920</u>	
1/4 / 1/4 or Gov't Lot #		Section _____		Township <u>N</u>		Range <input type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address <u>3650-365Z East Barnard Avenue</u>				Original Well Owner _____			
Well City, Village or Town <u>Cudahy</u>				Present Well Owner <u>Sue Doolin</u>			
Subdivision Name _____				Well ZIP Code <u>53110</u>		Mailing Address of Present Owner <u>HCR1 Box 73</u>	
Reason for Removal from Service <u>Sampling complete</u>				Lot # _____		City of Present Owner <u>Pembine</u>	
WI Unique Well # of Replacement Well _____				State <u>WI</u>		ZIP Code <u>54156</u>	

3. Filled & Sealed Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <u>12/07/2017</u>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input checked="" type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____		If a Well Construction Report is available, please attach. _____		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
Total Well Depth From Ground Surface (ft.) <u>10.0</u>		Casing Diameter (in.) _____		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
Lower Drillhole Diameter (in.) <u>2.3</u>		Casing Depth (ft.) _____		For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		If yes, to what depth (feet)? _____    Depth to Water (feet) _____			

5. Material Used to Fill Well / Drillhole			
Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)    Mix Ratio or Mud Weight
<u>Concrete</u>	<u>Surface</u>	<u>0.5</u>	<u>0.014 ft<sup>3</sup></u>
<u>3/8" Bentonite Chips</u>	<u>0.5</u>	<u>10</u>	<u>0.274 ft<sup>3</sup></u>

**6. Comments**

WS-1

7. Supervision of Work			DNR Use Only		
Name of Person or Firm Doing Filling & Sealing <u>On-Site Environmental</u>		License # _____	Date of Filling & Sealing or Verification (mm/dd/yyyy) <u>12/07/2017</u>	Date Received _____	Noted By _____
Street or Route <u>PO Box 280</u>		Telephone Number <u>(608) 837-8992</u>		Comments _____	
City <u>Sun Prairie</u>	State <u>WI</u>	ZIP Code <u>53590</u>	Signature of Person Doing Work 	Date Signed <u>12/07/2017</u>	

# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information							
County <u>Milwaukee</u>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <u>Former Packard Way Cleaners, LTD</u>					
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <u>241490920</u>					
1/4 / 1/4 or Gov't Lot #		Section		Township <u>N</u>		Range <input type="checkbox"/> E <input type="checkbox"/> W					
Well Street Address <u>3650-365Z East Barnard Avenue</u>				Original Well Owner							
Well City, Village or Town <u>Cudahy</u>				Well ZIP Code <u>53110</u>							
Subdivision Name				Lot #		Present Well Owner <u>Sue Doolin</u>					
Reason for Removal from Service <u>Sampling complete</u>				WI Unique Well # of Replacement Well							
3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material							
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <u>12/07/2017</u>		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A					
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A					
<input checked="" type="checkbox"/> Borehole / Drillhole				Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A					
Construction Type: <input type="checkbox"/> Drilled <input checked="" type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____				Screen removed?				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Casing left in place?				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Total Well Depth From Ground Surface (ft.) <u>10.0</u>		Casing Diameter (in.)		Was casing cut off below surface?				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Lower Drillhole Diameter (in.) <u>2.3</u>		Casing Depth (ft.)		Did sealing material rise to surface?				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				Did material settle after 24 hours?				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
If yes, to what depth (feet)?				Depth to Water (feet)		If yes, was hole retopped?				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
						If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A					
5. Material Used to Fill Well / Drillhole				Required Method of Placing Sealing Material							
<u>Concrete</u>				<input type="checkbox"/> Conductor Pipe-Gravity		<input type="checkbox"/> Conductor Pipe-Pumped					
<u>3/8" Bentonite Chips</u>				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)		<input type="checkbox"/> Other (Explain): _____					
From (ft.)		To (ft.)		No. Yards, Sacks Sealant or Volume (circle one)		Mix Ratio or Mud Weight					
Surface		0.5		0.014 ft <sup>3</sup>							
0.5		10		0.274 ft <sup>3</sup>							
6. Comments				7. Supervision of Work							
<u>WS-2</u>				Name of Person or Firm Doing Filling & Sealing <u>On-Site Environmental</u>		License #					
				Date of Filling & Sealing or Verification (mm/dd/yyyy) <u>12/07/2017</u>		Date Received					
				Street or Route <u>PO Box 280</u>		Noted By					
				Telephone Number <u>(608) 837-8992</u>		Comments					
City <u>Sun Prairie</u>		State <u>WI</u>		ZIP Code <u>53590</u>		Signature of Person Doing Work <u>[Signature]</u>					
						Date Signed <u>12/07/2017</u>					

# Well / Drillhole / Borehole Filling & Sealing Report

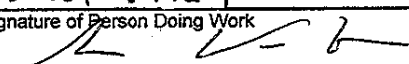
Form 3300-005 (R 4/2015)

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <u>Milwaukee</u>		WI Unique Well # of Removed Well		Hicap #		Facility Name <u>Former Packard Way Cleaners, LTD</u>	
Latitude / Longitude (see instructions) N _____ W _____		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <u>241490920</u>	
1/4 1/4 or Gov't Lot #		Section		Township <u>N</u>		License/Permit/Monitoring # <u>02-41-515150</u>	
Well Street Address <u>3650-3652 East Barnard Avenue</u>		Range <input type="checkbox"/> E <input type="checkbox"/> W		Original Well Owner		Present Well Owner <u>Sue Doolin</u>	
Well City, Village or Town <u>Cudahy</u>		Well ZIP Code <u>53110</u>		Mailing Address of Present Owner <u>HCR1 Box 73</u>		City of Present Owner <u>Pembine</u>	
Subdivision Name		Lot #		State <u>WI</u>		ZIP Code <u>54156</u>	
3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
Reason for Removal from Service <u>Sampling complete</u>		WI Unique Well # of Replacement Well		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <u>12/07/2017</u>		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole		Construction Type: <input type="checkbox"/> Drilled <input checked="" type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____		Screen removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Total Well Depth From Ground Surface (ft.) <u>10.0</u>		Casing Diameter (in.)		Casing left in place?	
Lower Drillhole Diameter (in.) <u>2.3</u>		Casing Depth (ft.)		Was casing cut off below surface?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet)		Did sealing material rise to surface?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
If yes, to what depth (feet)?		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____		Did material settle after 24 hours? If yes, was hole retopped?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips		5. Material Used to Fill Well / Drillhole		For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Concrete		From (ft.)		To (ft.)		No. Yards, Sacks Sealant or Volume (circle one)	
3/8" Bentonite Chips		Surface		0.5		0.014 ft <sup>3</sup>	
		0.5		10		0.274 ft <sup>3</sup>	
6. Comments							
<u>WS-3</u>							
7. Supervision of Work				DNR Use Only			
Name of Person or Firm Doing Filling & Sealing <u>On-Site Environmental</u>		License #		Date of Filling & Sealing or Verification (mm/dd/yyyy) <u>12/07/2017</u>		Date Received	
Street or Route <u>PO Box 280</u>		Telephone Number <u>(608) 837-8992</u>		Comments		Noted By	
City <u>Sun Prairie</u>		State <u>WI</u>		ZIP Code <u>53590</u>		Signature of Person Doing Work 	
						Date Signed <u>12/07/2017</u>	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County: Milwaukee      WI Unique Well # of Removed Well: \_\_\_\_\_      Hicap #: \_\_\_\_\_

Latitude / Longitude (see instructions): \_\_\_\_\_ N      Format Code:  DD      Method Code:  GPS008  
 \_\_\_\_\_ W       DDM       SCR002  
 OTH001

1/4 / 1/4      Section      Township      Range  E  
 or Gov't Lot #      N       W

Well Street Address: 3650-3652 East Barnard Avenue

Well City, Village or Town: Cudahy      Well ZIP Code: 53110

Subdivision Name: \_\_\_\_\_      Lot #: \_\_\_\_\_

Facility Name: Former Packard Way Cleaners, LTD

Facility ID (FID or PWS): 241490920

License/Permit/Monitoring #: 02-41-515150

Original Well Owner: \_\_\_\_\_

Present Well Owner: Sue Doolin

Mailing Address of Present Owner: HCR1 Box 73

City of Present Owner: Pembine      State: WI      ZIP Code: 54156

Reason for Removal from Service: Sampling complete      WI Unique Well # of Replacement Well: \_\_\_\_\_

**3. Filled & Sealed Well / Drillhole / Borehole Information**

Monitoring Well      Original Construction Date (mm/dd/yyyy): 12/07/2017  
 Water Well  
 Borehole / Drillhole      If a Well Construction Report is available, please attach.

Construction Type:  
 Drilled       Driven (Sandpoint)       Dug  
 Other (specify): \_\_\_\_\_

Formation Type:  
 Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.): 10.0      Casing Diameter (in.): \_\_\_\_\_

Lower Drillhole Diameter (in.): 2.3      Casing Depth (ft.): \_\_\_\_\_

Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?      Depth to Water (feet): \_\_\_\_\_

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?       Yes       No       N/A  
 Liner(s) removed?       Yes       No       N/A  
 Liner(s) perforated?       Yes       No       N/A  
 Screen removed?       Yes       No       N/A  
 Casing left in place?       Yes       No       N/A

Was casing cut off below surface?       Yes       No       N/A  
 Did sealing material rise to surface?       Yes       No       N/A  
 Did material settle after 24 hours?       Yes       No       N/A  
 If yes, was hole retopped?       Yes       No       N/A  
 If bentonite chips were used, were they hydrated with water from a known safe source?       Yes       No       N/A

Required Method of Placing Sealing Material:  
 Conductor Pipe-Gravity       Conductor Pipe-Pumped  
 Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_

Sealing Materials:  
 Neat Cement Grout       Concrete  
 Sand-Cement (Concrete) Grout       Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:  
 Bentonite Chips       Bentonite - Cement Grout  
 Granular Bentonite       Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Concrete</u>	<u>Surface</u>	<u>0.5</u>	<u>0.014 ft<sup>3</sup></u>	
<u>3/8" Bentonite Chips</u>	<u>0.5</u>	<u>10</u>	<u>0.274 ft<sup>3</sup></u>	

**6. Comments**

WS-4

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing: On-Site Environmental      License #: \_\_\_\_\_      Date of Filling & Sealing or Verification (mm/dd/yyyy): 12/07/2017      Date Received: \_\_\_\_\_      Noted By: \_\_\_\_\_

Street or Route: PO Box 280      Telephone Number: (608) 837-8992      Comments: \_\_\_\_\_

City: Sun Prairie      State: WI      ZIP Code: 53590      Signature of Person Doing Work: \_\_\_\_\_      Date Signed: 12/07/2017



# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <u>Milwaukee</u>		WI Unique Well # of Removed Well	Hicap #	Facility Name <u>Former Packard Way Cleaners, LTD</u>	
Latitude / Longitude (see instructions) N _____ W _____		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS) <u>241490920</u>	
1/4	1/4	Section	Township <u>N</u>	Range <input type="checkbox"/> E <input type="checkbox"/> W	License/Permit/Monitoring # <u>02-41-515150</u>
or Gov't Lot #		Well Street Address <u>3650-3652 East Barnard Avenue</u>		Original Well Owner	
Well City, Village or Town <u>Cudahy</u>		Well ZIP Code <u>53110</u>		Present Well Owner <u>Sue Doolin</u>	
Subdivision Name		Lot #		Mailing Address of Present Owner <u>HCR1 Box 73</u>	
Reason for Removal from Service <u>Sampling complete</u>		WI Unique Well # of Replacement Well		City of Present Owner <u>Pembine</u>	
				State <u>WI</u>	
				ZIP Code <u>54156</u>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <u>12/07/2017</u>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input checked="" type="checkbox"/> Driven (Sandpoint)
<input type="checkbox"/> Other (specify): _____	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <u>10.0</u>	Casing Diameter (in.)
Lower Drillhole Diameter (in.) <u>2.3</u>	Casing Depth (ft.)
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet)

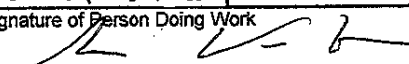
**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Required Method of Placing Sealing Material			
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped		
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____		
Sealing Materials			
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete		
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips		
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout		
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry		

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Concrete</u>	<u>Surface</u>	<u>0.5</u>	<u>0.014 ft<sup>3</sup></u>	
<u>3/8" Bentonite Chips</u>	<u>0.5</u>	<u>10</u>	<u>0.274 ft<sup>3</sup></u>	

**6. Comments**

WS-5

<b>7. Supervision of Work</b>			<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <u>On-Site Environmental</u>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <u>12/07/2017</u>	Date Received	Noted By
Street or Route <u>PO Box 280</u>	Telephone Number <u>(608) 837-8992</u>	Comments		
City <u>Sun Prairie</u>	State <u>WI</u>	ZIP Code <u>53590</u>	Signature of Person Doing Work 	Date Signed <u>12/07/2017</u>



# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <u>Milwaukee</u>		WI Unique Well # of Removed Well _____	Hicap # _____	Facility Name <u>Former Packard Way Cleaners, LTD</u>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS) <u>241490920</u>	
1/4	1/4	Section	Township <u>N</u>	Range <input type="checkbox"/> E <input type="checkbox"/> W	License/Permit/Monitoring # <u>02-41-515150</u>
Well Street Address <u>3650-3652 East Barnard Avenue</u>		Well City, Village or Town <u>Cudahy</u>		Well ZIP Code <u>53110</u>	
Subdivision Name _____		Lot # _____		Original Well Owner _____	
Reason for Removal from Service <u>Sampling complete</u>		WI Unique Well # of Replacement Well _____		Present Well Owner <u>Sue Doolin</u>	
Mailing Address of Present Owner <u>HCR1 Box 73</u>		City of Present Owner <u>Pembine</u>		State <u>WI</u>	ZIP Code <u>54156</u>

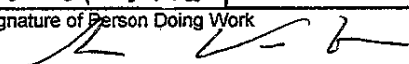
**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <u>12/07/2017</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Construction Type:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Drilled	<input checked="" type="checkbox"/> Driven (Sandpoint)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Other (specify): _____	<input type="checkbox"/> Dug	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Formation Type:		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) <u>10.0</u>	Casing Diameter (in.) _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
Lower Drillhole Diameter (in.) <u>2.3</u>	Casing Depth (ft.) _____	If yes, to what depth (feet)? _____
Was well annular space grouted?		Depth to Water (feet) _____

5. Material Used to Fill Well / Drillhole		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Concrete</u>		<u>Surface</u>	<u>0.5</u>	<u>0.014 ft<sup>3</sup></u>	
<u>3/8" Bentonite Chips</u>		<u>0.5</u>	<u>10</u>	<u>0.294 ft<sup>3</sup></u>	

**6. Comments**

WS-7

<b>7. Supervision of Work</b>			<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <u>On-Site Environmental</u>	License # _____	Date of Filling & Sealing or Verification (mm/dd/yyyy) <u>12/07/2017</u>	Date Received _____	Noted By _____
Street or Route <u>PO Box 280</u>		Telephone Number <u>(608) 837-8992</u>	Comments _____	
City <u>Sun Prairie</u>	State <u>WI</u>	ZIP Code <u>53590</u>	Signature of Person Doing Work 	Date Signed <u>12/07/2017</u>

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <u>Milwaukee</u>		WI Unique Well # of Removed Well		Hicap #		Facility Name <u>Former Packard Way Cleaners, LTD</u>	
Latitude / Longitude (see instructions) N _____ W _____		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <u>241490920</u>	
1/4 1/4 or Gov't Lot #		Section		Township <u>N</u>		Range <input type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address <u>3650-365Z East Barnard Avenue</u>				Original Well Owner			
Well City, Village or Town <u>Cudahy</u>				Present Well Owner <u>Sue Doolin</u>			
Subdivision Name				Well ZIP Code <u>53110</u>		Mailing Address of Present Owner <u>HCR1 Box 73</u>	
Reason for Removal from Service <u>Sampling complete</u>				Lot #		City of Present Owner <u>Pembine</u>	
WI Unique Well # of Replacement Well				State <u>WI</u>		ZIP Code <u>54156</u>	

3. Filled & Sealed Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material															
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <u>12/07/2017</u>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A													
Construction Type: <input type="checkbox"/> Drilled <input checked="" type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____		If a Well Construction Report is available, please attach.		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A													
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____															
Total Well Depth From Ground Surface (ft.) <u>4.0</u>		Casing Diameter (in.)		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips													
Lower Drillhole Diameter (in.) <u>3.0</u>		Casing Depth (ft.)		For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry													
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">From (ft.)</th> <th style="width: 15%;">To (ft.)</th> <th style="width: 40%;">No. Yards, Sacks Sealant or Volume (circle one)</th> <th style="width: 30%;">Mix Ratio or Mud Weight</th> </tr> </thead> <tbody> <tr> <td>Surface</td> <td><u>0.5</u></td> <td><u>0.025 ft<sup>3</sup></u></td> <td></td> </tr> <tr> <td></td> <td><u>4</u></td> <td><u>0.172 ft<sup>3</sup></u></td> <td></td> </tr> </tbody> </table>				From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight	Surface	<u>0.5</u>	<u>0.025 ft<sup>3</sup></u>			<u>4</u>	<u>0.172 ft<sup>3</sup></u>	
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight														
Surface	<u>0.5</u>	<u>0.025 ft<sup>3</sup></u>															
	<u>4</u>	<u>0.172 ft<sup>3</sup></u>															
If yes, to what depth (feet)?		Depth to Water (feet)															

5. Material Used to Fill Well / Drillhole			
<u>Concrete</u>	Surface	0.5	0.025 ft <sup>3</sup>
<u>3/8" Bentonite Chips</u>	0.5	4	0.172 ft <sup>3</sup>

**6. Comments**  
WS-8

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <u>Enviroforensics, LLC</u>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <u>12/07/17</u>	Date Received	Noted By
Street or Route <u>N16 W23390 Stone Ridge Dr Suite G</u>			Telephone Number <u>(262) 290-4001</u>	Comments	
City <u>Waukesha</u>	State <u>WI</u>	ZIP Code <u>53188</u>	Signature of Person Doing Work 	Date Signed <u>12/07/17</u>	

# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <u>Milwaukee</u>	WI Unique Well # of Removed Well _____	Hicap # _____	Facility Name <u>Former Packard Way Cleaners, LTD</u>
Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS) <u>241490920</u>
Well Street Address <u>3650-365Z East Barnard Avenue</u>	Section _____	Township <u>N</u>	License/Permit/Monitoring # <u>02-41-515150</u>
Well City, Village or Town <u>Cudahy</u>	Well ZIP Code <u>53110</u>	Original Well Owner _____	Present Well Owner <u>Sue Doolin</u>
Subdivision Name _____	Lot # _____	City of Present Owner <u>Pembine</u>	Mailing Address of Present Owner <u>HCR1 Box 73</u>
Reason for Removal from Service <u>Sampling complete</u>	WI Unique Well # of Replacement Well _____	State <u>WI</u>	ZIP Code <u>54156</u>

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <u>12/07/2017</u>	Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Construction Type: <input type="checkbox"/> Drilled <input checked="" type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) <u>6.0</u>	Casing Diameter (in.) _____	Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Lower Drillhole Diameter (in.) <u>3.0</u>	Casing Depth (ft.) _____	Did sealing material rise to surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) _____	Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped
		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____
		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips
		For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout
		<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Concrete</u>	<u>Surface</u>	<u>0.5</u>	<u>0.025 ft<sup>3</sup></u>	
<u>3/8" Bentonite Chips</u>	<u>0.5</u>	<u>6</u>	<u>0.270 ft<sup>3</sup></u>	

**6. Comments**  
WS-9

<b>7. Supervision of Work</b>			<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <u>EnviroForensics, LLC</u>	License # _____	Date of Filling & Sealing or Verification (mm/dd/yyyy) _____	Date Received _____	Noted By _____
Street or Route <u>N16 W23390 Stone Ridge Dr Suite G</u>	Telephone Number <u>(262) 290-4001</u>	Comments _____		
City <u>Waukesha</u>	State <u>WI</u>	ZIP Code <u>53188</u>	Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>12/07/2017</u>

# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

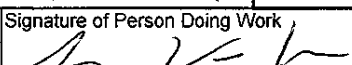
Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <u>Milwaukee</u>		WI Unique Well # of Removed Well		Hicap #		Facility Name <u>Former Packard Way Cleaners, LTD</u>	
Latitude / Longitude (see instructions)		Format Code		Method Code		Facility ID (FID or PWS) <u>241490920</u>	
N _____		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008		License/Permit/Monitoring # <u>02-41-515150</u>	
W _____		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002		Original Well Owner	
1/4 / 1/4 _____		Section		Township		Present Well Owner <u>Sue Doolin</u>	
or Gov't Lot # _____		N		Range <input type="checkbox"/> E		Mailing Address of Present Owner <u>HCR1 Box 73</u>	
Well Street Address <u>3650-365Z East Barnard Avenue</u>		Well ZIP Code <u>53110</u>		City of Present Owner <u>Pembine</u>		State <u>WI</u>	
Well City, Village or Town <u>Cudahy</u>		Lot #		ZIP Code <u>54156</u>			
Subdivision Name							
Reason for Removal from Service <u>Sampling complete</u>		WI Unique Well # of Replacement Well					

3. Filled & Sealed Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Water Well		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Borehole / Drillhole		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Original Construction Date (mm/dd/yyyy) <u>12/07/2017</u>		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
If a Well Construction Report is available, please attach.		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Construction Type:		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Drilled <input checked="" type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Did sealing material rise to surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
<input type="checkbox"/> Other (specify): _____		Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Formation Type:		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Total Well Depth From Ground Surface (ft.) <u>4.0</u>		Required Method of Placing Sealing Material			
Casing Diameter (in.)		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
Lower Drillhole Diameter (in.) <u>3.0</u>		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
Casing Depth (ft.)		Sealing Materials			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete			
if yes, to what depth (feet)?		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
Depth to Water (feet)		For Monitoring Wells and Monitoring Well Boreholes Only:			
		<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
		<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			

5. Material Used to Fill Well / Drillhole		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Concrete</u>		<u>Surface</u>	<u>0.5</u>	<u>0.025 ft<sup>3</sup></u>	
<u>3/8" Bentonite Chips</u>		<u>0.5</u>	<u>4</u>	<u>0.172 ft<sup>3</sup></u>	

**6. Comments**  
WS-10

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <u>Enviroforensics, LLC</u>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <u>12/07/17</u>	Date Received	Noted By
Street or Route <u>N16 W23390 Stone Ridge Dr Suite G</u>		Telephone Number <u>(262) 290-4001</u>		Comments	
City <u>Waukesha</u>	State <u>WI</u>	ZIP Code <u>53188</u>	Signature of Person Doing Work 	Date Signed <u>12/07/17</u>	

# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <u>Milwaukee</u>	WI Unique Well # of Removed Well	Hicap #	Facility Name <u>Former Packard Way Cleaners, LTD</u>
Latitude / Longitude (see instructions) N _____ W _____	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS) <u>241490920</u>
1/4 / 1/4 or Gov't Lot #	Section	Township <u>N</u>	Range <input type="checkbox"/> E <input type="checkbox"/> W
Well Street Address <u>3650-3652 East Barnard Avenue</u>			Original Well Owner
Well City, Village or Town <u>Cudahy</u>			Well ZIP Code <u>53110</u>
Subdivision Name			Lot #
Reason for Removal from Service <u>Sampling complete</u>			WI Unique Well # of Replacement Well
City of Present Owner <u>Pembine</u>			State <u>WI</u>
Mailing Address of Present Owner <u>HCR1 Box 73</u>			ZIP Code <u>54156</u>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

Monitoring Well  
 Water Well  
 Borehole / Drillhole

Original Construction Date (mm/dd/yyyy)  
12/07/2017

If a Well Construction Report is available, please attach.

Construction Type:

Drilled       Driven (Sandpoint)       Dug  
 Other (specify): \_\_\_\_\_

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.)  
6.0

Casing Diameter (in.)

Lower Drillhole Diameter (in.)  
3.0

Casing Depth (ft.)

Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?      Depth to Water (feet)

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?       Yes       No       N/A  
 Liner(s) removed?       Yes       No       N/A  
 Liner(s) perforated?       Yes       No       N/A  
 Screen removed?       Yes       No       N/A  
 Casing left in place?       Yes       No       N/A  
 Was casing cut off below surface?       Yes       No       N/A  
 Did sealing material rise to surface?       Yes       No       N/A  
 Did material settle after 24 hours?       Yes       No       N/A  
 If yes, was hole retopped?       Yes       No       N/A  
 If bentonite chips were used, were they hydrated with water from a known safe source?       Yes       No       N/A

Required Method of Placing Sealing Material

Conductor Pipe-Gravity       Conductor Pipe-Pumped  
 Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_

Sealing Materials

Neat Cement Grout       Concrete  
 Sand-Cement (Concrete) Grout       Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips       Bentonite - Cement Grout  
 Granular Bentonite       Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Concrete</u>	<u>Surface</u>	<u>0.5</u>	<u>0.025 ft<sup>3</sup></u>	
<u>3/8" Bentonite Chips</u>	<u>0.5</u>	<u>6</u>	<u>0.270 ft<sup>3</sup></u>	

**6. Comments**

WS-11

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <u>EnviroForensics, LLC</u>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)	Date Received	Noted By
Street or Route <u>N16 W23390 Stone Ridge Dr Suite G</u>	Telephone Number <u>(262) 290-4001</u>	Comments		
City <u>Waukesha</u>	State <u>WI</u>	ZIP Code <u>53188</u>	Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>12/07/2017</u>

## **APPENDIX B**

### **Field Sampling Forms**





602 N. Capitol Avenue, Ste. 210,  
Indianapolis, IN 46204  
T:317-972-7870 F: 317-972-7875

PROJECT NAME: Former Packaging Dry Cleaners SAMPLE DATE: 7-16-2015  
LOCATION/ADDRESS: 3650-3652 E Bernard Ave SAMPLE ID: 6306-3658-IA-1  
PROJECT NO.: 6306 SAMPLE TIME: \_\_\_\_\_  
CLIENT/CONTACT: Sue Doolin CANISTER ID: 17897/07306  
DATA COLLECTION: START DATE: 7-15-2015 END DATE: 7-16-2015

Time hh:mm	Vaccum Reading In. of H <sub>2</sub> O	Wind Direction	Wind Speed mph	Temperature °F	Barometer Hg	Relative Humidity %
10:30	-29	NE	5-10	64	30.05	70
10:05	-7	SW	10-15	69	30.00	68

Notes: Raid Ant & Roach Aerosol used

602 N. Capitol Avenue, Ste. 210,  
Indianapolis, IN 46204  
T: 317-972-7870 F: 317-972-7875

PROJECT NAME	Former Packardway Dry Cleaners	SAMPLE DATE	7-16-2015
LOCATION/ADDRESS	3650-3652 E Barnard Ave	SAMPLE ID	6306-3658-IA-B
PROJECT NO.	6306	SAMPLE TIME	
CLIENT/CONTACT	SUL Doolin	CANISTER ID	4651 / 07540
DATA COLLECTION: START DATE	7-15-2015	END DATE	7-16-2015

Time <small>hh:mm</small>	Vacuum Reading <small>In. of H2O</small>	Wind Direction	Wind Speed <small>mph</small>	Temperature <small>°F</small>	Barometer <small>Hg</small>	Relative Humidity <small>%</small>
10:35	-29	NE	5-10	69	30.05	70
10:10	-6	SW	10-15	69	30.00	68

Notes:



602 N. Capitol Avenue, Ste. 210,  
Indianapolis, IN 46204  
T: 317-972-7870 F: 317-972-7875

PROJECT NAME	<u>Farmers Park Parkway Homes</u>	SAMPLE DATE	<u>7-16-15</u>
LOCATION/ADDRESS	<u>3650-3652 E. Broadway Ave</u>	SAMPLE ID	<u>6306-3658-SSV-1</u>
PROJECT NO.	<u>6306</u>	SAMPLE TIME	
CLIENT/CONTACT	<u>Suz Doolin</u>	CANISTER ID	<u>2557</u>
DATA COLLECTION START DATE	<u>7-16-15</u>	END DATE	<u>7-16-15</u>

Time hh:mm	Vacuum Reading In. of Hg	Wind Direction	Wind Speed mph	Temperature °F	Barometer Hg	Relative Humidity %
<u>1040</u>	<u>-29</u>	<u>SW</u>	<u>10-15</u>	<u>69</u>	<u>30.00</u>	<u>68</u>
<u>1046</u>	<u>-2</u>					

<u>Water Pan</u> Helium Leak Test	Negative Pressure Test
Date/Time performed: <u>7-16-15</u> /	Date/Time performed: <u>7-16-15</u> /
Background He concentration (ppm): <u>NA</u>	Negative pressure of at least -15 in. Hg induced on sampling train? (circle one): <u>Yes</u> no
Shroud He concentration (%): <u>NA</u>	Did pressure hold? <u>Yes</u> no
Sub-slab vapor/soil-gas He concentration (post helium insertion): <u>NA</u>	
Helium Leak Test Passed: <u>Yes</u> no	

Notes:

602 N. Capitol Avenue, Ste. 210,  
 Indianapolis, IN 46204  
 T:317-972-7870 F: 317-972-7875

PROJECT NAME	<u>Former Packardway Cleaners</u>	SAMPLE DATE	<u>7-16-15</u>
LOCATION/ADDRESS	<u>3650-3652 - E. Barnard Ave</u>	SAMPLE ID	<u>6306-3658-SSV-2</u>
PROJECT NO.	<u>6306</u>	SAMPLE TIME	
CLIENT/CONTACT	<u>Sue Doolin</u>	CANISTER ID	<u>2218</u>
DATA COLLECTION: START DATE	<u>7-16-15</u>	END DATE	<u>7-16-15</u>

Time hh:mm	Vacuum Reading In. of Hg	Wind Direction	Wind Speed mph	Temperature ° F	Barometer Hg	Relative Humidity %
<u>1105</u>	<u>-2.9</u>	<u>SW</u>	<u>10-15</u>	<u>69</u>	<u>30.00</u>	<u>68</u>
<u>1110</u>	<u>-2</u>					

<u>Water Dam</u> Helium Leak Test	Negative Pressure Test
Date/Time performed: <u>7-16-15</u> /	Date/Time performed: <u>7-16-15</u> /
Background He concentration (ppm): <u>NA</u>	Negative pressure of at least -15 in. Hg induced on sampling train?
Shroud He concentration (%): <u>NA</u>	(circle one): <input checked="" type="radio"/> yes <input type="radio"/> no
Sub-slab vapor/soil-gas He concentration (post helium insertion): <u>NA</u>	Did pressure hold? <input checked="" type="radio"/> yes <input type="radio"/> no
Helium Leak Test Passed: <input checked="" type="radio"/> yes <input type="radio"/> no	

Notes:

PROJECT NAME Packard Way Ltd.  
 LOCATION/ADDRESS 3650-3652 E. Barnard Ave, Cudahy, WI 6306  
 PROJECT NO 6306  
 CLIENT CONTACT \_\_\_\_\_

Well ID MW-1  
 Sample ID 6306-MW-1  
 Screened Interval \_\_\_\_\_  
 Sampler (print) K. Vander Heiden

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 13.83 feet  
 Depth to Water 3.61 feet  
 Well Diameter 2 inches  
 Casing Volume \_\_\_\_\_ gallons  
 Volume Removed \_\_\_\_\_ gallons  
 Total No. of Casing Volumes Removed \_\_\_\_\_  
 Date 9/26/16

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 X  
 Submersible Pump \_\_\_\_\_  
 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 (umS/cm) +/- 3%	Oxidation-Reduction Potential (mV) +/- 10mV	Turbidity (NTU) <100 and +/- 10%	Dissolved Oxygen (mg/L) +/- 10%			
<u>1428</u>	<u>17.97</u>	<u>8.35</u>	<u>0</u>	<u>134</u>	<u>303</u>	<u>11.82</u>	<u>3.93</u>	<u>105</u>	<u>525</u>
<u>1433</u>	<u>17.89</u>	<u>7.58</u>	<u>1.83</u>	<u>176</u>	<u>0</u>	<u>11.85</u>	<u>4.04</u>	<u>125</u>	<u>1150</u>
<u>1438</u>	<u>17.91</u>	<u>7.61</u>	<u>1.84</u>	<u>161</u>	<u>0</u>	<u>1.65</u>	<u>4.30</u>	<u>120</u>	<u>1750</u>
<u>1443</u>	<u>17.99</u>	<u>7.60</u>	<u>1.88</u>	<u>158</u>	<u>0</u>	<u>1.62</u>	<u>4.45</u>	<u>140</u>	<u>2450</u>
<u>1448</u>	<u>18.10</u>	<u>7.59</u>	<u>1.84</u>	<u>155</u>	<u>0</u>	<u>1.62</u>	<u>4.52</u>	<u>145</u>	<u>3175</u>

PURGE: START Date 9/27/16 Time 1426  
 SAMPLING: FINISH Date 9/27/16 Time 1453

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC 8260</u>	<u>40mL</u>	<u>VQA</u>	<u>3</u>	<u>~</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>Ethane / Ethene / Methane</u>	<u>40mL</u>	<u>VQA</u>	<u>1</u>	<u>~</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>TOC</u>	<u>250mL</u>	<u>Ambo</u>	<u>1</u>	<u>~</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>Diss. Fe + Mn</u>	<u>250mL</u>	<u>FILTERED</u>	<u>1</u>	<u>~</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>Sulfate + Chloride</u>	<u>250mL</u>	<u>FILTERED</u>	<u>1</u>	<u>~</u>	<u>-</u>	<u>-</u>	<u>-</u>

NOTES: DHC 12 DHC sample / Drawdown Exceedance  
 Sampler Signature: \_\_\_\_\_ Date: 9/27/16

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 Packard Way Ltd.  
 LOCATION/ADDRESS 3650-3652 E. Barnard Ave, Cudahy WI  
 PROJECT NO 6306  
 CLIENT/CONTACT \_\_\_\_\_

Well ID MW-2  
 Sample ID 6306-MW-2  
 Screened Interval \_\_\_\_\_  
 Sampler (print) K. Vander Heiden

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 13.88 feet  
 Depth to Water 2.33 feet  
 Well Diameter 2 inches  
 Casing Volume \_\_\_\_\_ gallons  
 Volume Removed \_\_\_\_\_ gallons  
 Total No. of Casing Volumes Removed \_\_\_\_\_  
 Date 9/26/16

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   
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump   
 Submersible Pump \_\_\_\_\_  
 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%			
1139	17.18	8.56	1.13	183	0	0.99	3.78	115	575
1144	17.32	8.04	1.18	103	0	0.63	3.95	115	1150
1149	17.54	7.82	1.31	-1	0	0.37	4.24	110	1700
1154	17.73	7.71	1.32	-27	0	0.27	4.42	125	2325
1159	17.83	7.67	1.32	-31	0	0.28	4.60	120	2925

PURGE: START Date 9/27/16 Time 1136  
 FINISH Date 9/27/16 Time 1210

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40ml		3	N	-	N	N
Ethane / Ethene / Methane	40ml		1	N	-	N	N
TOC	250ml	Amber	1	N	L	N	N
Diss. Fe + Mn	250ml		1	N	-	N	N
Sulfate + Chloride	250ml		1	N	-	N	N

**NOTES:**

Sampler Signature: [Signature]

Date: 9/27/16

- Drawdown Exceedance*
- 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 Packard Way Ltd.  
LOCATION/ADDRESS 3650-3652 E. Barnard Ave, Cudahy WI  
PROJECT NO. 6306  
CLIENT/CONTACT \_\_\_\_\_

Well ID MW-3  
Sample ID 6306-MW-3  
Screened Interval \_\_\_\_\_  
Sampler (print) K. Vander Heiden

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 13.72 feet  
Depth to Water 3.17 feet  
Well Diameter 2 inches  
Casing Volume \_\_\_\_\_ gallons  
Volume Removed \_\_\_\_\_ gallons  
Total No. of Casing Volumes Removed \_\_\_\_\_  
Date 9/26/16

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   
Grab/No-purge \_\_\_\_\_  
Bailer<sup>1</sup> \_\_\_\_\_  
Peristaltic pump   
Submersible Pump \_\_\_\_\_  
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) <0.3ft	Flow Rate (ml/min) <250	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%			
1000	17.82	8.50	1.37	166	0	3.3	3.97	120	603
1005	17.73	8.22	1.31	167	0	3.07	4.04	115	1175
1010	17.77	7.96	1.30	166	0	2.74	4.24	110	1725
1015	17.77	7.87	1.31	166	0	2.54	4.37	135	2400
1020	17.85	7.81	1.31	166	0	2.35	4.56	120	3000

PURGE: START Date 9/27/16 Time 0955  
FINISH Date 9/27/16 Time 1045

Sample Analysis Volume Type  
VOC 8260 40ml \_\_\_\_\_  
Ethane / Ethene / Methane 40ml \_\_\_\_\_  
TAC 250ml Amber  
Diss. Fe + Mn 250ml \_\_\_\_\_  
Sulfate + Chloride 250ml \_\_\_\_\_

Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
6	~	-	Y	-
2	~	-	Y	-
2	~	-	Y	-
2	~	-	Y	-

NOTES:

Drawdown Exceeds  
Date: 9/27/16  
Sampler Signature: \_\_\_\_\_

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 Packard Way Ltd.  
LOCATION/ADDRESS 3650-3652 E. Barnard Ave, Cudahy, WI  
PROJECT NO 6306  
CLIENT/CONTACT \_\_\_\_\_

Well ID MW-4  
Sample ID 6306-MW-4  
Screened Interval \_\_\_\_\_  
Sampler (print) K. VanderHeiden

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 13.75 feet  
Depth to Water 2.57 feet  
Well Diameter 2 inches  
Casing Volume \_\_\_\_\_ gallons  
Volume Removed \_\_\_\_\_ gallons

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

**SAMPLING METHOD:**

tal No. of Casing Volumes Removed \_\_\_\_\_  
Date 9/26/16

Low-Flow   
Grab/No-purge \_\_\_\_\_  
Bailer<sup>1</sup> \_\_\_\_\_  
Peristaltic pump   
Submersible Pump \_\_\_\_\_  
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>1231</u>	<u>18.29</u>	<u>7.79</u>	<u>2.56</u>	<u>127</u>	<u>10.8</u>	<u>5.44</u>	<u>2.5</u>	<u>115</u>	<u>575</u>
<u>1236</u>	<u>18.29</u>	<u>7.82</u>	<u>2.56</u>	<u>77</u>	<u>6</u>	<u>6.18</u>	<u>3.55</u>	<u>105</u>	<u>1100</u>
<u>1241</u>	<u>18.35</u>	<u>7.82</u>	<u>2.54</u>	<u>21</u>	<u>5.1</u>	<u>8.07</u>	<u>3.96</u>	<u>105</u>	<u>1625</u>
<u>1246</u>	<u>18.26</u>	<u>7.85</u>	<u>2.49</u>	<u>7</u>	<u>0</u>	<u>4.49</u>	<u>3.94</u>	<u>105</u>	<u>2150</u>
<u>1251</u>	<u>18.33</u>	<u>7.85</u>	<u>2.46</u>	<u>6</u>	<u>0</u>	<u>8.93</u>	<u>3.95</u>	<u>110</u>	<u>2700</u>

PURGE<sup>1</sup>: START Date 9/27/16 Time 1222  
FINISH Date 9/27/16 Time 1255

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC 8260</u>	<u>40ml</u>	_____	<u>3</u>	<u>N</u>	_____	_____	_____
<u>Ethane / Ethene / Methane</u>	<u>40ml</u>	_____	_____	_____	_____	_____	_____
<u>TOC</u>	<u>250ml</u>	<u>Ambo</u>	_____	_____	_____	_____	_____
<u>Diss. Fe + Mn</u>	<u>250ml</u>	_____	_____	_____	_____	_____	_____
<u>Sulfate + Chloride</u>	<u>250ml</u>	_____	_____	_____	_____	_____	_____

NOTES:

Sampler Signature: [Signature] Date: 9/27/16  
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.

EB-1 @ 1300

PROJECT NAME Packard Way Ltd.  
LOCATION/ADDRESS 3650-3652 E. Barnard Ave, Cudahy WI 53006  
PROJECT NO. 6306  
CLIENT/CONTACT \_\_\_\_\_

Well ID MW-5  
Sample ID 6306-MW-5  
Screened Interval \_\_\_\_\_  
Sampler (print) K. Vander Heiden

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 13.66 feet  
Depth to Water 2.75 feet  
Well Diameter 2 inches  
Casing Volume \_\_\_\_\_ gallons  
Volume Removed \_\_\_\_\_ gallons  
Total No. of Casing Volumes Removed \_\_\_\_\_  
Date 9/26/16

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 X  
Submersible Pump \_\_\_\_\_  
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) < 0.3ft	Flow Rate (ml/min) < 250	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%			
1304	19.18	7.97	2.39	88	0	2.48	3.14	125	625
1309	19.15	7.26	2.34	78	0	2.55	3.19	160	1425
1314	19.12	7.59	2.34	73	0	2.38	3.22	145	2150
1319	19.19	7.55	2.35	72	0	3.35	3.18	135	2825
1324	19.32	7.53	2.36	75	0	3.45	3.19	135	3500

PURGE: START Date 9/27/16 Time 1308  
FINISH Date 9/27/16 Time 1330

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC 8260</u>	<u>40ml</u>		<u>3</u>	<u>Y</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>Ethane / Ethene / Methane</u>	<u>40ml</u>						
<u>TOC</u>	<u>250ml</u>	<u>Amber</u>					
<u>Diss. Fe + Mn</u>	<u>250ml</u>						
<u>Sulfate + Chloride</u>	<u>250ml</u>						

NOTES:  
Sampler Signature: [Signature] Date: 9/27/16

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 Packard Way Ltd.  
 LOCATION/ADDRESS 3650-3652 E. Barnard Ave, Cudahy, WI  
 PROJECT NO 6306  
 CLIENT/CONTACT \_\_\_\_\_

Well ID MW-6  
 Sample ID 6306-MW-6  
 Screened Interval \_\_\_\_\_  
 Sampler (print) K. VanderHeiden

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 11.46 feet  
 Depth to Water 7.18 feet  
 Well Diameter 1 inches  
 Casing Volume \_\_\_\_\_ gallons  
 Volume Removed \_\_\_\_\_ gallons  
 Total No. of Casing Volumes Removed \_\_\_\_\_  
 Date 9/26/16

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   
 Grab/No-purge \_\_\_\_\_  
 Bailor<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump   
 Submersible Pump \_\_\_\_\_  
 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%			
1610	18.47	7.63	1.73	179	96.7	2.50	7.51	105	525
1615	18.39	7.58	1.60	179	27.4	2.25	4.51	100	1025
1620	18.40	7.57	1.58	180	8.7	2.70	4.51	120	1625
1625	18.39	7.57	1.57	182	0	2.72	4.51	120	2225
1630	18.38	7.56	1.57	184	0	2.51	4.51	120	2825

PURGE: START Date 9/27/16 Time 1343  
 SAMPLING: FINISH Date 9/27/16 Time 1635

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40ml		3	~	-	-	-
Ethane / Ethene / Methane	40ml		1	~	-	-	-
TOC	250ml	Amber	1	~	-	-	-
Diss. Fe + Mn	250ml		1	~	-	-	-
Sulfate + Chloride	250ml		1	~	-	-	-

NOTES:

Sampler Signature: [Signature] Date: 9/27/16

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 Packard Way Ltd.  
 LOCATION/ADDRESS 3650-3652 E. Barnard Ave, Cudahy, WI  
 PROJECT NO 6306  
 CLIENT/CONTACT \_\_\_\_\_

Well ID MW-7  
 Sample ID 6306-MW-7  
 Screened Interval \_\_\_\_\_  
 Sampler (print) K. VanderHeiden

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 10.52 feet  
 Depth to Water 7.29 feet  
 Well Diameter 1 inches  
 Casing Volume \_\_\_\_\_ gallons  
 Volume Removed \_\_\_\_\_ gallons

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   
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump   
 Submersible Pump \_\_\_\_\_  
 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>1520</u>	<u>19.93</u>	<u>8.60</u>	<u>0.972</u>	<u>146</u>	<u>0</u>	<u>6.03</u>	<u>7.80</u>	<u>-</u>	<u>-</u>
	<u>stop parameters on account of dewatering + sample purged dry @ 1528</u>								

PURGE! START Date 9/27/16 Time 1513  
 SAMPLING: FINISH Date 9/27/16 Time 1530

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC 8260</u>	<u>40ml</u>		<u>3</u>	<u>~</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>Ethane / Ethene / Methane</u>	<u>40ml</u>		<u>1</u>	<u>~</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>TAC</u>	<u>250ml</u>	<u>Amber</u>	<u>1</u>	<u>~</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>Diss. Fe + Mn</u>	<u>250ml</u>		<u>1</u>	<u>~</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>Sulfate + Chloride</u>	<u>250ml</u>		<u>0</u>				

NOTES:  
 Sampler Signature: [Signature] Date: 9/27/16  
 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 Packard Way Ltd.  
 LOCATION/ADDRESS 3650-3652 E. Barnard Ave, Cudahy, WI 53006  
 PROJECT NO 6306  
 CLIENT/CONTACT \_\_\_\_\_

Well ID PZ-1  
 Sample ID 6306-PZ-1  
 Screened Interval \_\_\_\_\_  
 Sampler (print) K. Vander Heiden

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 31.97 feet  
 Depth to Water 14.03 feet  
 Well Diameter 2 inches  
 Casing Volume \_\_\_\_\_ gallons  
 Volume Removed \_\_\_\_\_ gallons  
 Total No. of Casing Volumes Removed \_\_\_\_\_  
 Date 9/26/16

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   
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump   
 Submersible Pump \_\_\_\_\_  
 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) <0.3ft	Flow Rate (ml/min) <250	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%			
1403	17.35	8.47	0.856	161	0	1.17	14.31	105	
1408	16.86	8.32	0.847	158	0	1.32	14.93	105	
1413	16.60	8.25	0.843	153	0	2.14	15.31	90	
1418	16.58	8.23	0.840	151	0	1.84	15.74	80	
1423	16.58	8.21	0.839	149	0	11.38	15.88	100	

PURGE: START Date 9/27/16 Time 1404  
 SAMPLING: FINISH Date 9/27/16 Time 1425

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC 8260</u>	<u>40mL</u>		<u>3</u>	<u>✓</u>			
<u>Ethane / Ethene / Methane</u>	<u>40mL</u>						
<u>TOC</u>	<u>250mL</u>	<u>Amber</u>					
<u>Diss. Fe + Mn</u>	<u>250mL</u>						
<u>Sulfate + Chloride</u>	<u>250mL</u>						

NOTES:

*[Handwritten Signature]*

Date: 9/27/16

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.

*Drawdown Exceeded*

PROJECT NAME Packard Way Ltd.  
LOCATION/ADDRESS 3650-3652 E. Barnard Ave, Cudahy WI  
PROJECT NO 6306  
CLIENT/CONTACT \_\_\_\_\_

Well ID PZ-2  
Sample ID 6306-PZ-2  
Screened Interval \_\_\_\_\_  
Sampler (print) K. VanderHeiden

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 21.86 feet  
Depth to Water 5.90 feet  
Well Diameter 2 inches  
Casing Volume \_\_\_\_\_ gallons  
Volume Removed \_\_\_\_\_ gallons

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   
Grab/No-purge \_\_\_\_\_  
Bailer<sup>1</sup> \_\_\_\_\_  
Peristaltic pump   
Submersible Pump \_\_\_\_\_  
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%			
1110	17.35	8.55	0.703	184	2.2	2.06	6.81	115	575
1115	16.95	8.78	0.620	154	0	0.71	7.25	115	1150
1120	16.95	9.18	0.602	143	0	0.46	7.83	125	1775
1125	16.56	9.46	0.600	138	0	0.34	8.54	125	2400
1130	15.7	9.62	0.593	133	0	0.18	9.37	120	3000

PURGE: START Date 9/27/16 Time 1100  
FINISH Date 9/27/16 Time 1135

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40ml	VOA	3	u	-	-	-
Ethane / Ethene / Methane	40ml	-	-	-	-	-	-
TOC	250ml	Amber	-	-	-	-	-
Diss. Fe + Mn	250ml	-	-	-	-	-	-
Sulfate + Chloride	250ml	-	-	-	-	-	-

NOTES:

*[Handwritten Signature]*

Date: 9/27/16

Drawdown Exceedance

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 Former Packard Way Cleanups Well ID MW-1  
 LOCATION/ADDRESS 3650 E. Bernard Ave Sample ID 6306-MW-1  
CUDAHY WI  
 PROJECT NO. 6306 Screened Interval \_\_\_\_\_  
 CLIENT/CONTACT \_\_\_\_\_ Sampler (print) G. Schacht

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 13.82 feet  
 Depth to Water 4.92 feet  
 Well Diameter 2 inches  
 Casing Volume 145 gallons  
 Volume Removed N/A gallons  
 Total No. of Casing Volumes Removed N/A  
 Date 1-4-17

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 \_\_\_\_\_  
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump   
 Submersible Pump \_\_\_\_\_  
 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%			
1051	14.67	7.59	1330	201	8.5	16.71			
1056	11.85	7.18	1510	219	5.0	13.34			

PURGE: START Date 1-5-17 Time 1050  
 SAMPLING: FINISH Date 1-5-17 Time 1100

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC	40ml	VOA	3	Y			
Metals	250ml	Plastic	1	Y	X		
Gases	40ml	VOA	1	Y			
Nitrate/Nitrite	250ml	Plastic	1	Y			
Sulfate/Chlorides	250ml	Plastic	1	Y			
TOC	250ml	Amber	1	Y			

NOTES:

\* Bailed dry on 1-4-17  
 Metals filter = 40 micron  
 Sample water = Clear

Sampler Signature:

*G. Schacht*

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 Former Packard Wky Cleaners Well ID MW-2 Pump Placement:  
 LOCATION/ADDRESS 3050 E. Bernard Ave Sample ID 6306-MW-2 - If water level is above top of well screen, place pump in middle of well screen.  
Cudahy WI  
 PROJECT NO. 6306 Screened Interval \_\_\_\_\_ - If water level is below top of well screen, place pump in middle of water column.  
 CLIENT/CONTACT \_\_\_\_\_ Sampler (print) G. Schacht

**WATER LEVEL MEASUREMENTS DURING GAUGING:**

Well Depth 13.88 feet  
 Depth to Water 3.60 feet  
 Well Diameter 2 inches  
 Casing Volume 1.68 gallons  
 Volume Removed 0.55 gallons  
 Total No. of Casing Volumes Removed 0.33  
 Date 1-4-17

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 X  
 Submersible Pump \_\_\_\_\_  
 Passive Diffusion Bag<sup>2</sup> \_\_\_\_\_  
 Other \_\_\_\_\_  
 Pump Depth (ft below TOC) (if applicable) \_\_\_\_\_

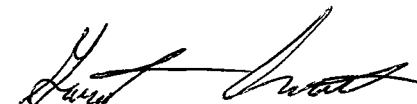
**Stability Readings:** Collect readings every 3 to 5 minutes for a minimum of 20 minutes and no less than 5 readings. If not equilibrated after 40 minutes, call PM.

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%			
0833	11.42	7.61	1040	155	12.9	6.49	3.25	100	300
0836	11.34	7.39	1740	175	13.2	0.10	3.85	100	600
0839	10.71	7.22	1153	183	13.0	0.00	4.10	100	900
0842	10.35	7.16	937	192	12.8	0.00	4.15	100	1200
0845	9.66	7.14	856	194	12.7	0.00	4.15	100	1500
0848	8.64	7.12	834	194	12.5	0.00	4.15	100	1800
0851	8.36	7.12	833	195	12.8	0.00	4.15	100	2100

PURGE<sup>1</sup>: START Date 1-5-17 Time 0830  
 SAMPLING: FINISH Date 1-5-17 Time 0854

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
Gases / VOC	40ml	VDA HCL	1/3	Y	—	—	—
Metals	250ml	Plastic H2SO4	1	Y	40 micron	—	—
Nitrate/Nitrite	250	Plastic H2SO4	1	Y	—	—	—
TOC	250	Amber H2SO4	1	Y	—	—	—
Sulfate/Chlorides	250	Plastic None	1	Y	—	—	—

} = Natural Attenuation

NOTES:  


- Sampler Signature: \_\_\_\_\_
- 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 Former Peckard Way Cleaners Well ID MW-3  
LOCATION/ADDRESS 3650 E. Bernard Ave Sample ID 6306-MW-3  
Cudahy WI  
PROJECT NO. 6306 Screened Interval \_\_\_\_\_  
CLIENT/CONTACT \_\_\_\_\_ Sampler (print) G. Schacht

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 13.67 feet  
Depth to Water 3.51 feet  
Well Diameter 2 inches  
Casing Volume 1.65 gallons  
Volume Removed 0.55 gallons  
Total No. of Casing Volumes Removed 0.33  
Date 1-4-17

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 X  
Submersible Pump \_\_\_\_\_  
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%			
0918	10.20	7.19	1000	260	12.3	2.62	3.83	100	300
0921	9.71	7.23	994	262	12.5	1.89	4.02	100	600
0924	9.08	7.29	991	266	12.9	1.22	4.13	100	900
0927	7.92	7.28	989	273	13.2	0.29	4.13	100	1200
0930	7.21	7.24	1020	278	12.9	0.00	4.13	100	1500
0933	7.15	7.20	1020	280	12.7	0.00	4.13	100	1800
0936	7.11	7.20	1010	283	12.4	0.00	4.13	100	2100

PURGE: START Date 1-5-17 Time 0915  
SAMPLING: FINISH Date 1-5-17 Time 0939

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

VOC's + Natural Attenuation (see COC)

NOTES:

Sampler Signature: [Signature]

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 Former Packard Way Cleaners Well ID MW-4  
 LOCATION/ADDRESS 3650 E. Bernard Ave Sample ID 60306-MW-4  
Cody WI  
 PROJECT NO. 60306 Screened Interval \_\_\_\_\_  
 CLIENT/CONTACT \_\_\_\_\_ Sampler (print) G. Schacht

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 13.75 feet  
 Depth to Water 3.44 feet  
 Well Diameter 2 inches  
 Casing Volume 1.68 gallons  
 Volume Removed 0.83 gallons  
 Total No. of Casing Volumes Removed 0.50  
 Date 1-4-17

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 X  
 Submersible Pump \_\_\_\_\_  
 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%			
0833	11.61	7.52	1220	176	62.0	8.51	3.44	150	450
0836	7.59	7.38	1320	203	65.3	5.51	3.95	150	900
0839	7.96	8.01	1320	212	62.4	4.30	3.95	150	1350
0842	7.81	7.38	1330	218	60.1	4.06	3.95	150	1800
0845	7.76	7.31	1330	221	59.5	3.81	3.95	150	2250
0848	7.35	7.29	1340	224	58.9	3.48	3.95	150	2700
0851	7.33	7.29	1340	225	58.7	3.45	3.95	150	3150

PURGE<sup>1</sup>: START Date 1-4-17 Time 0830  
 SAMPLING: FINISH Date 1-4-17 Time 0854

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

VOC's Only

NOTES:

*[Signature]*

Sampler Signature:

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 Former Packard Way Cleaners Well ID MW-5  
 LOCATION/ADDRESS 3650 E. Bernard Ave Sample ID G306-MW-5  
Wadsworth WI  
 PROJECT NO. 6306 Screened Interval \_\_\_\_\_  
 CLIENT/CONTACT \_\_\_\_\_ Sampler (print) G. Schacht

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 13.63 feet  
 Depth to Water 2.87 feet  
 Well Diameter 2 inches  
 Casing Volume 1.75 gallons  
 Volume Removed 0.70 gallons  
 Total No. of Casing Volumes Removed 0.40  
 Date 1-4-17

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   
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump   
 Submersible Pump \_\_\_\_\_  
 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%			
0908	7.04	7.06	1900	264	22.2	2.10	3.00	125	375
0911	7.00	6.97	1910	270	22.9	1.84	3.15	125	750
0914	6.99	6.93	1910	271	23.2	1.13	3.15		1125
0917	6.55	6.90	1920	274	23.2	1.01	3.15		1500
0920	6.46	6.89	1920	279	23.3	0.75	3.15		1875
0923	6.46	6.86	1920	281	23.0	0.60	3.15		2250
0926	6.44	6.86	1930	283	23.2	0.58	3.15		2625

PURGE: START Date 1-4-17 Time 0905  
 SAMPLING: FINISH Date 1-4-17 Time 0929

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC's</u>	<u>40 ml</u>	<u>VOA</u>	<u>6</u>	<u>N</u>	<u>—</u>	<u>X</u>	<u>—</u>

VOC's only

NOTES:

\* G306-Dup-1

Sampler Signature: [Signature]

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 6306 Well ID MW-C Pump Placement:  
 LOCATION/ADDRESS 3650 E. Bernard Ave Sample ID 6306-MW-C - If water level is above top of well screen, place pump in middle of well screen.  
Codaky WTI  
 PROJECT NO. 6306 Screened Interval \_\_\_\_\_ - If water level is below top of well screen, place pump in middle of water column.  
 CLIENT/CONTACT \_\_\_\_\_ Sampler (print) G. Schacht

**WATER LEVEL MEASUREMENTS DURING GAUGING:**

Well Depth 4.88 feet  
 Depth to Water 11.46 feet  
 Well Diameter 1 inches  
 Casing Volume 0.30 gallons  
 Volume Removed 0.55 gallons  
 Total No. of Casing Volumes Removed 1.85  
 Date 1-4-17

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 X  
 Submersible Pump \_\_\_\_\_  
 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%			
1003	11.71	7.63	1940	225	27.4	6.41	4.88	100	300
1006	9.89	7.58	1710	220	25.2	6.00	↓	↓	600
1009	9.56	7.51	1623	183	23.0	5.42	↓	↓	900
1012	9.11	7.51	1311	182	17.4	4.89	↓	↓	1200
1015	8.56	7.48	1070	180	14.3	2.17	↓	↓	1500
1018	8.37	7.47	1050	180	14.2	2.10	↓	↓	1800
1021	8.11	7.47	1040	181	13.8	2.08	↓	↓	2100

PURGE: START Date 1-5-17 Time 1000  
 SAMPLING: FINISH Date 1-5-17 Time 1024

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC's	40ml	VOA(w/ HCL)	3	N			

VOC's + Natural Attenuation

**NOTES:**

Sampler Signature: [Signature]

- 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 Former Packard Hwy Cleaners Well ID MW-7  
 LOCATION/ADDRESS 3650 E. Bernard Ave Sample ID 6306-MW-7  
Coody WSI  
 PROJECT NO. 6306 Screened Interval \_\_\_\_\_  
 CLIENT/CONTACT \_\_\_\_\_ Sampler (print) G. Schacht

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 10.50 feet  
 Depth to Water 5.12 feet  
 Well Diameter 1 inches  
 Casing Volume 0.22 gallons  
 Volume Removed N/A gallons  
 Total No. of Casing Volumes Removed N/A  
 Date 1-4-17

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 \_\_\_\_\_  
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump X  
 Submersible Pump \_\_\_\_\_  
 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>1135</u>	<u>8.56</u>	<u>7.54</u>	<u>99.1</u>	<u>17.1</u>	<u>13.7</u>	<u>6.11</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
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_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
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_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

PURGE!: START Date 1-5-17 Time 1132  
 SAMPLING: FINISH Date 1-5-17 Time 1140

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC'S</u>	<u>40 ML</u>	<u>VOA (w/ HCL)</u>	<u>3</u>	<u>N</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

VOC'S & Natural Attenuation

NOTES:

- Bailed dry on 1-4-17
- Well went dry several times, took over one hour to complete sampling

Sampler Signature: G. Schacht  
 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 Former Peckard Way Cleaners Well ID PZ-1  
 LOCATION/ADDRESS 3050 E. Bernard Ave Sample ID 6306-PZ-1  
Cudahy WI  
 PROJECT NO. 6306 Screened Interval \_\_\_\_\_  
 CLIENT/CONTACT \_\_\_\_\_ Sampler (print) G. Schacht

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 36.94 feet  
 Depth to Water 13.98 feet  
 Well Diameter 2 inches  
 Casing Volume 2.93 gallons  
 Volume Removed 0.55 gallons  
 Total No. of Casing Volumes Removed 0.19  
 Date 1-4-17

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 X  
 Submersible Pump \_\_\_\_\_  
 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%			
1023	6.49	7.76	777	182	5.9	0.21	14.00	100	300
1026	6.52	7.76	751	132	5.2	0.18	14.30	100	600
1029	6.69	7.62	735	118	4.8	0.12	14.30	100	900
1032	6.71	7.60	731	109	4.7	0.10	14.30	↓	1200
1035	6.73	7.58	729	107	4.7	0.08	14.30		1500
1038	6.74	7.57	729	107	4.5	0.06	14.30		1800
1041	6.76	7.57	730	107	4.3	0.05	14.30		2100

PURGE!: START Date 1-4-17 Time 1020  
 SAMPLING: FINISH Date 1-4-17 Time 1044

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

VOC's + Natural Attenuation

**NOTES:**

Sampler Signature: G. Schacht

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 Former Parkard Way Cleaners Well ID PZ-2 Pump Placement:  
 LOCATION/ADDRESS 3650 E. Bernard Ave Sample ID 6306-PZ-2 - If water level is above top of well screen, place pump in middle of well screen.  
Cudahy WI  
 PROJECT NO. 6306 Screened Interval \_\_\_\_\_ -If water level is below top of well screen, place pump in middle of water column.  
 CLIENT/CONTACT \_\_\_\_\_ Sampler (print) G. Schacht

WATER LEVEL MEASUREMENTS DURING GAUGING:  
 Well Depth 21.77 feet  
 Depth to Water 7.10 feet  
 Well Diameter 2 inches  
 Casing Volume 2.39 gallons  
 Volume Removed 0.109 gallons  
 Total No. of Casing Volumes Removed 0.29  
 Date 1-4-17

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 X  
 Submersible Pump \_\_\_\_\_  
 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%			
0943	8.38	7.56	581	267	22.7	3.36	7.12	125	375
0946	7.54	7.61	560	265	22.9	2.71	8.05	125	750
0949	6.91	7.71	541	264	23.4	1.41	8.20	125	1125
0952	6.39	7.72	512	263	23.7	0.18	8.25	100	1500
0955	6.33	7.60	525	275	23.0	0.15	8.30	100	1875
0958	6.29	7.55	525	279	22.9	0.11	8.30	100	2250
1001	6.21	7.51	530	284	22.6	0.10	8.30	100	2625

PURGE: START Date 1-4-17 Time 0940  
 SAMPLING: FINISH Date 1-4-17 Time 1004

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC	40ml	VONA	3	N			

VOC's & Natural Attenuation

NOTES:  


Sampler Signature:  
 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 Former Packard Way Cleaners  
 LOCATION/ADDRESS 3650 East Barnard Ave  
 PROJECT NO. ### 6306  
 CLIENT/CONTACT Sue Doolin

Well ID MW-1  
 Sample ID 6306-MW-1  
 Screened Interval 4.5-14.5  
 Sampler (print) Nathan 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 13.72 feet  
 Depth to Water 4.74 feet  
 Well Diameter 2 inches  
 Casing Volume 1.46 gallons  
 Volume Removed 0.67 gallons  
 Total No. of Casing Volumes Removed 0.47  
 Date 1-31-18

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well
1 ml	.0000264 gal
3785 ml	1 gal

**SAMPLING METHOD:**

Low-Flow X  
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump X  
 Submersible Pump \_\_\_\_\_  
 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>1528</u>				<u>197</u>			<u>5.01</u>		
<u>1533</u>	<u>10.07</u>	<u>6.52</u>	<u>0.809</u>	<u>197</u>	<u>21.2</u>	<u>5.03</u>	<u>5.15</u>	<u>96</u>	<u>480</u>
<u>1538</u>	<u>9.87</u>	<u>6.61</u>	<u>0.807</u>	<u>189</u>	<u>19.9</u>	<u>1.48</u>	<u>5.28</u>	<u>96</u>	<u>960</u>
<u>1543</u>	<u>9.85</u>	<u>6.62</u>	<u>0.807</u>	<u>188</u>	<u>39.7</u>	<u>1.48</u>	<u>5.39</u>	<u>96</u>	<u>1440</u>
<u>1548</u>	<u>9.85</u>	<u>6.65</u>	<u>0.805</u>	<u>184</u>	<u>17.7</u>	<u>1.67</u>	<u>5.52</u>	<u>96</u>	<u>1920</u>
<u>1553</u>	<u>9.85</u>	<u>6.67</u>	<u>0.802</u>	<u>183</u>	<u>17.7</u>	<u>1.77</u>	<u>5.64</u>	<u>96</u>	<u>2,400</u>

PURGE<sup>1</sup>: START Date 1-31-18 Time 1527  
 SAMPLING: FINISH Date 1-31-18 Time 1555

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VO C</u>	<u>40ml</u>	<u>VOA</u>	<u>3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

NOTES:

Sampler Signature: Nathan Duda Date: 1-31-18

- 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.

*Post down  
exceedance*

PROJECT NAME Former Packard Way Cleaners  
 LOCATION/ADDRESS 3650 East Barnard Ave  
 PROJECT NO. ### 6306  
 CLIENT/CONTACT Sue Doolin

Well ID MW-2  
 Sample ID 6306-MW-2  
 Screened Interval 4.5-14.5  
 Sampler (print) Nathan 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 14.94 feet  
 Depth to Water 4.65 feet  
 Well Diameter 2 inches  
 Casing Volume 1.68 gallons  
 Volume Removed 0.65 gallons  
 Total No. of Casing Volumes Removed 0.39  
 Date 1-31-10

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well
1 ml	.0000264 gal
3785 ml	1 gal

**SAMPLING METHOD:**

Low-Flow   
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump   
 Submersible Pump \_\_\_\_\_  
 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>13 24</u>							<u>4.45</u>		
<u>13 29</u>	<u>10.49</u>	<u>6.58</u>	<u>0.542</u>	<u>162</u>	<u>36.8</u>	<u>0.86</u>	<u>4.54</u>	<u>100</u>	<u>500</u>
<u>13 34</u>	<u>10.28</u>	<u>6.58</u>	<u>0.538</u>	<u>159</u>	<u>30.6</u>	<u>0.73</u>	<u>4.62</u>	<u>100</u>	<u>1000</u>
<u>13 39</u>	<u>10.11</u>	<u>6.59</u>	<u>0.539</u>	<u>157</u>	<u>30.1</u>	<u>0.68</u>	<u>4.71</u>	<u>100</u>	<u>1500</u>
<u>13 44</u>	<u>10.07</u>	<u>6.62</u>	<u>0.540</u>	<u>154</u>	<u>27.4</u>	<u>0.68</u>	<u>4.97</u>	<u>100</u>	<u>2000</u>
<u>13 49</u>	<u>10.06</u>	<u>6.63</u>	<u>0.540</u>	<u>152</u>	<u>26.1</u>	<u>0.62</u>	<u>4.91</u>	<u>100</u>	<u>2500</u>

PURGE<sup>1</sup>: START Date 1-31-10 Time 1323  
 SAMPLING: FINISH Date 1-31-10 Time 1350

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

NOTES:

Sampler Signature: Nathan Duda Date: 1-31-10

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.

part  
DE

PROJECT NAME Former Packard Way Cleaners  
 LOCATION/ADDRESS 3650 East Barnard Ave  
 PROJECT NO. ~~###~~ 6306  
 CLIENT/CONTACT Sue Doolin

Well ID MW-3  
 Sample ID 6306-MW-3  
 Screened Interval 4.5-14.5  
 Sampler (print) Nathan 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 13.73 feet  
 Depth to Water 4.65 feet  
 Well Diameter 2 inches  
 Casing Volume 1.48 gallons  
 Volume Removed 0.66 gallons  
 Total No. of Casing Volumes Removed 0.44  
 Date 1-31-18

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well
1 ml	.0000264 gal
3785 ml	1 gal

**SAMPLING METHOD:**

Low-Flow X  
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump X  
 Submersible Pump \_\_\_\_\_  
 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>1419</u>							<u>4.85</u>		
<u>1419</u>	<u>10.10</u>	<u>6.72</u>	<u>0.486</u>	<u>174</u>	<u>46.4</u>	<u>2.92</u>	<u>4.95</u>	<u>100</u>	<u>500</u>
<u>1424</u>	<u>9.90</u>	<u>6.70</u>	<u>0.480</u>	<u>176</u>	<u>36.8</u>	<u>2.45</u>	<u>5.20</u>	<u>100</u>	<u>1000</u>
<u>1429</u>	<u>9.83</u>	<u>6.70</u>	<u>0.480</u>	<u>177</u>	<u>35.4</u>	<u>2.45</u>	<u>5.33</u>	<u>100</u>	<u>1500</u>
<u>1434</u>	<u>9.77</u>	<u>6.70</u>	<u>0.478</u>	<u>178</u>	<u>31.8</u>	<u>2.46</u>	<u>5.45</u>	<u>100</u>	<u>2000</u>
<u>1439</u>	<u>9.82</u>	<u>6.71</u>	<u>0.480</u>	<u>178</u>	<u>31.3</u>	<u>2.49</u>	<u>5.54</u>	<u>100</u>	<u>2500</u>

PURGE<sup>1</sup>: START Date 1-31-18 Time 1415

SAMPLING: FINISH Date 1-31-18 Time 1440

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

DUP-1

NOTES:

Sampler Signature: Nathan Duda Date: 1-31-18

- 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 Former Packard Way Cleaners  
 LOCATION/ADDRESS 3650 East Barnard Ave  
 PROJECT NO. ### 6306  
 CLIENT/CONTACT Sue Doolin

Well ID MW-4  
 Sample ID 6306-MW-4  
 Screened Interval 4.5-14.5  
 Sampler (print) Nathan 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 13.74 feet  
 Depth to Water 4.13 feet  
 Well Diameter 2 inches  
 Casing Volume 1.57 gallons  
 Volume Removed 0.79 gallons  
 Total No. of Casing Volumes Removed 0.50  
 Date 1-31-10

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well
1 ml	.000264 gal
3785 ml	1 gal

**SAMPLING METHOD:**

Low-Flow   
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump   
 Submersible Pump \_\_\_\_\_  
 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>1212</u>							<u>4.31</u>		
<u>1217</u>	<u>9.93</u>	<u>6.77</u>	<u>0.702</u>	<u>127</u>	<u>40.1</u>	<u>0.73</u>	<u>4.51</u>	<u>120</u>	<u>600</u>
<u>1222</u>	<u>9.91</u>	<u>6.79</u>	<u>0.702</u>	<u>95</u>	<u>41.2</u>	<u>0.70</u>	<u>4.67</u>	<u>120</u>	<u>1200</u>
<u>1227</u>	<u>9.95</u>	<u>6.80</u>	<u>0.697</u>	<u>75</u>	<u>37.7</u>	<u>0.70</u>	<u>4.85</u>	<u>120</u>	<u>1800</u>
<u>1232</u>	<u>9.92</u>	<u>6.81</u>	<u>0.695</u>	<u>69</u>	<u>35.3</u>	<u>0.72</u>	<u>4.99</u>	<u>120</u>	<u>2400</u>
<u>1237</u>	<u>9.94</u>	<u>6.78</u>	<u>0.683</u>	<u>27.2</u> ↔	<u>67</u>	<u>1.19</u>	<u>5.11</u>	<u>120</u>	<u>3000</u>

PURGE: START Date 1-31-10 Time 1211  
 SAMPLING: FINISH Date 1-31-10 Time 1240

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

NOTES:  
 Sampler Signature: Nathan Duda Date: 1-31-10

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 Former Packard Way Cleaners  
 LOCATION/ADDRESS 3650 East Barnard Ave  
 PROJECT NO ~~###~~ 6306  
 CLIENT/CONTACT Sue Doolin

Well ID MW-5  
 Sample ID 6306-MW-5  
 Screened Interval 4.5-14.5  
 Sampler (print) Nathan 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 13.61 feet  
 Depth to Water 3.93 feet  
 Well Diameter 2 inches  
 Casing Volume 1.57 gallons  
 Volume Removed 0.67 gallons  
 Total No. of Casing Volumes Removed 0.40  
 Date 1-31-18

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well
1 ml	.0000264 gal
3785 ml	1 gal

**SAMPLING METHOD:**

Low-Flow X  
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump X  
 Submersible Pump \_\_\_\_\_  
 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%			
1128							4.07	4.07	
1133	10.22	6.59	0.730	187	81.3	3.11	4.09	96	480
1138	10.10	6.59	0.731	188	68.4	3.01	4.10	96	960
1143	10.01	6.60	0.730	187	63.5	3.04	4.10	96	1440
1148	9.95	6.63	0.731	185	61.1	3.07	4.19	96	1920
1153	9.95	6.64	0.729	184	49.2	3.12	4.20	96	2,400

PURGE<sup>1</sup>: START Date 1-31-18 Time 1127  
 SAMPLING: FINISH Date 1-31-18 Time 1155

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC</u>	<u>40ml</u>	<u>V09</u>	<u>3</u>	<u>N</u>	<u>-</u>	<u>-</u>	<u>-</u>

NOTES:

Sampler Signature: Nathan Duda Date: 1-31-18  
 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 Former Packard Way Cleaners  
 LOCATION/ADDRESS 3650 East Barnard Ave  
 PROJECT NO. ### 6306  
 CLIENT/CONTACT Sue Doolin

Well ID MW-6  
 Sample ID 6306-MW-6  
 Screened Interval 3/16/2018 3-16  
 Sampler (print) Nathan 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 11.30 feet  
 Depth to Water 5.49 feet  
 Well Diameter 1 inches  
 Casing Volume 0.23 gallons  
 Volume Removed 0.38 gallons  
 Total No. of Casing Volumes Removed 1.65  
 Date 1-31-18

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well
1 ml	.0000264 gal
3785 ml	1 gal

**SAMPLING METHOD:**

Low-Flow X  
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump X  
 Submersible Pump \_\_\_\_\_  
 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>1052</u>									
<u>1056</u>	<u>11.67</u>	<u>6.36</u>	<u>0.613</u>	<u>188</u>	<u>0.0</u>	<u>3.15</u>		<u>120</u>	<u>600</u>

PURGE!: START Date 1-31-18 Time 1051  
 SAMPLING: FINISH Date 1-31-18 Time 1422

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC</u>	<u>4001</u>	<u>VOA</u>	<u>3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

NOTES:

*Purged dry after 1 reading*

Sampler Signature: Nathan Duda Date: 1-31-18

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 Former Packard Way Cleaners  
 LOCATION/ADDRESS 3650 East Barnard Ave  
 PROJECT NO. ###-6306  
 CLIENT/CONTACT Sue Doolin

Well ID MW-7  
 Sample ID 6306-MW-6  
 Screened Interval 5.00 - 15  
 Sampler (print) Nathan 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 10.40 feet  
 Depth to Water 5.43 feet  
 Well Diameter 1 inches  
 Casing Volume 0.20 gallons  
 Volume Removed 0.20 gallons  
 Total No. of Casing Volumes Removed 1  
 Date 1-31-18

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well
1 ml	.0000264 gal
3785 ml	1 gal

**SAMPLING METHOD:**

Low-Flow X  
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump X  
 Submersible Pump \_\_\_\_\_  
 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>1036</u>									
<u>1041</u>	<u>13.54</u>	<u>5.93</u>	<u>0.465</u>	<u>186</u>	<u>713</u>	<u>2.74</u>		<u>100</u>	<u>500</u>
<u>1046</u>									
<u>1051</u>									
<u>1056</u>									
<u>1101</u>									

PURGE!: START Date 1-31-18 Time 1035

SAMPLING: FINISH Date 1-31-18 Time 1340

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

NOTES:

*Purged dry*

Sampler Signature: Nathan Duda

Date: 1-31-18

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.

*Pdb done exceeded*

PROJECT NAME Former Packard Way Cleaners  
 LOCATION/ADDRESS 3650 East Barnard Ave  
 PROJECT NO. ~~###-6306~~  
 CLIENT/CONTACT Sue Doolin

Well ID PZ-1  
 Sample ID 6306-PZ-1  
 Screened Interval 27.50 - 32.5  
 Sampler (print) Nathan 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 15.26 feet  
 Depth to Water 31.80 feet  
 Well Diameter 2 inches  
 Casing Volume 2.69 gallons  
 Volume Removed 2.82 gallons  
 Total No. of Casing Volumes Removed 1.04  
 Date 1-31-18

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well
1 ml	.000264 gal
3785 ml	1 gal

**SAMPLING METHOD:**

Low-Flow X  
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump X  
 Submersible Pump \_\_\_\_\_  
 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>1510</u>							<u>15.94</u>		
<u>1515</u>	<u>11.58</u>	<u>7.77</u>	<u>0.140</u>	<u>166</u>	<u>28.1</u>	<u>5.67</u>	<u>16.44</u>	<u>100</u>	<u>500</u>
<u>1520</u>									
<u>1525</u>									
<u>1530</u>									
<u>1535</u>									

PURGE<sup>1</sup>: START Date 1-31-18 Time 1509  
 SAMPLING: FINISH Date 1-31-18 Time 1603

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC</u>	<u>40ml</u>	<u>vot</u>	<u>43</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**NOTES:**

*drumdown excellence  
pursed dry*

Sampler Signature: N Duda

Date: 1-31-18

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.

*post DE*



PROJECT NAME Former Packard Way Cleaners  
 LOCATION/ADDRESS 3650 East Barnard Ave  
 PROJECT NO. 6306  
 CLIENT/CONTACT Sue Doolin

Well ID PZ-2  
 Sample ID 6306-PZ-2  
 Screened Interval 17.50 - 22.5  
 Sampler (print) Nathan 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 21.7 feet  
 Depth to Water 7.82 feet  
 Well Diameter 2 inches  
 Casing Volume 2.26 gallons  
 Volume Removed 2.38 gallons  
 Total No. of Casing Volumes Removed 1.05  
 Date 1-31-19

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well
1 ml	.0000264 gal
3785 ml	1 gal

**SAMPLING METHOD:**

Low-Flow X  
 Grab/No-purge \_\_\_\_\_  
 Bailer<sup>1</sup> \_\_\_\_\_  
 Peristaltic pump X  
 Submersible Pump \_\_\_\_\_  
 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>1256</u>							<u>8.40</u>		
<u>1301</u>	<u>11.05</u>	<u>7.19</u>	<u>0.271</u>	<u>1.14</u>	<u>55.3</u>	<u>8.81</u>	<u>8.81</u>	<u>96</u>	<u>480</u>
<u>1306</u>									
<u>1311</u>									
<u>1316</u>									
<u>1321</u>									

PURGE<sup>1</sup>: START Date 1-31-10 Time 1255  
 SAMPLING: FINISH Date 1-31-10 Time 1435

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
<u>VOC</u>	<u>40.1</u>	<u>VOA</u>	<u>3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

NOTES: press dry drawdown exceeded

Sampler Signature: [Signature] Date: 1-31-10

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.

part De



PROJECT NAME Former Packard Way Cleaners  
LOCATION/ADDRESS 3650 E Barnard Ave  
PROJECT NO. 6306  
CLIENT/CONTACT Sue Doolin

Well ID TW-2  
Sample ID 6306-TW-2  
Screened Interval \_\_\_\_\_  
Sampler (print) Nathan 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 3.41 feet  
Depth to Water 0.99 feet  
Well Diameter 2 inches  
Casing Volume 0.13 gallons  
Volume Removed 0.13 gallons  
Total No. of Casing Volumes Removed 1  
Date 1-31-18

Conversion Factor for Well Volume	
0.01025	0.75" Well
0.041	1" Well
0.163	2" Well
0.653	4" Well
1 ml	.0000264 gal
3785 ml	1 gal

SAMPLING METHOD:

Low-Flow \_\_\_\_\_  
Grab/No-purge \_\_\_\_\_  
Bailer<sup>1</sup> X  
Peristaltic pump \_\_\_\_\_  
Submersible Pump \_\_\_\_\_  
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%			
1650	17.47	6.96	0.748	-14	0	6.64	<0.3ft	<250	

PURGE!: START Date 1/31/2018 Time 1648

SAMPLING: FINISH Date 1/31/2018 Time 1702

Sample Analysis	Volume	Type	Number of Containers	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC	40ml	Voa	2	N	-	-	-

NOTES: Bailed dry

Sampler Signature: [Signature] Date: 1/31/2018

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.

**APPENDIX C**  
**IDM Disposal Manifests**

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number W I D 0 8 2 1 0 0 2 5 8	2. Page 1 of 1	3. Emergency Response Phone 800-424-9300	4. Waste Tracking Number 0 2 2 1 1 7 PWC		
5. Generator's Name and Mailing Address Packard Way Cleaners 3852 East Bernard Cudahy WI 53110 Generator's Phone: 908 638 2005			Generator's Site Address (if different than mailing address) Attn: Susan O'Brien				
6. Transporter 1 Company Name Badger Disposal of WI., Inc.			U.S. EPA ID Number W I D 0 8 8 5 8 0 0 5 6				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address Badger Disposal of WI., Inc. 5811 West Harlock Street Milwaukee WI 53223 Facility's Phone: 414 780-9175			U.S. EPA ID Number W I D 0 8 8 5 8 0 0 5 6				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		1. Non-regulated material	No.	Type			
13. Special Handling Instructions and Additional Information HLLW504330-0000 Purple Water Emergency Contact CHEMTREC #CCN708044							
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.							
Generator's/Officer's Printed/Typed Name				Signature	Month	Day	Year
					2	21	17
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
							16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name				Signature	Month	Day	Year
					2	21	17
Transporter 2 Printed/Typed Name				Signature	Month	Day	Year
17. Discrepancy							
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
17b. Alternate Facility (or Generator)					U.S. EPA ID Number		
Facility's Phone: _____							
17c. Signature of Alternate Facility (or Generator)					Month	Day	Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a							
Printed/Typed Name				Signature	Month	Day	Year

## **APPENDIX D**

### **Laboratory Analytical Reports**

Mr. Rob Hoverman  
Enviroforensics  
N16 W. 23390 Stone Ridge Dr  
Suite G  
Waukesha, WI 53188

July 28, 2015

ENVision Project Number: 2015-389  
Client Project Name: 6306 – Former Packard Way Cleaners

Dear Mr. Hoverman,

Please find the attached analytical report for the samples received July 21, 2015. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

A handwritten signature in cursive script that reads "David Norris". The signature is written in black ink and is positioned above the printed name.

David Norris

Client Services Manager  
EnvisionAir

**Client Name:** ENVIROFORENSICS  
**Project ID:** 6306-FORMER PACKARD WAY CLEANERS  
**Client Project Manager:** ROB HOVERMAN  
**EnvisionAir Project Number:** 2015-389

### Sample Summary

*Canister Pressure / Vacuum*

<u>Laboratory Sample Number:</u>	<u>Sample Description:</u>	<u>Matrix:</u>	<u>START</u>	<u>START</u>	<u>End Date</u>	<u>End Time</u>	<u>Date</u>	<u>Time</u>	<u>Initial Field</u>	<u>Final Field</u>	<u>Lab</u>
			<u>Date</u>	<u>Time</u>							<u>Collected:</u>
15-1494	6306-3658-OA	A	7/15/15	10:20	7/16/15	10:10	7/21/15	10:00	-29	-5	-5
15-1495	6306-3658-IA-B	A	7/15/15	10:35	7/16/15	10:10	7/21/15	10:00	-29	-6	-6
15-1496	6306-3658-IA-1	A	7/15/15	10:30	7/16/15	10:05	7/21/15	10:00	-29	-7	-7
15-1497	6306-3658-IA-2	A	7/15/15	10:40	7/16/15	10:15	7/21/15	10:00	-28	-1	-1
15-1498	6306-3658-SSV-1	A	7/16/15	10:40	7/16/15	10:46	7/21/15	10:00	-29	-2	-2
15-1499	6306-3658-SSV-2	A	7/16/15	11:05	7/16/15	11:10	7/21/15	10:00	-29	-2	-2



**Client Name:** ENVIROFORENSICS  
**Project ID:** FORMER PACKARD WAY CLEANERS  
**Client Project Manager:** ROB HOVERMAN  
**EnvisionAir Project Number:** 2015-389

**Analytical Method:** TO-15  
**Analytical Batch:** 072415AIR

**Client Sample ID:** 6306-3658-OA  
**Envision Sample Number:** 15-1494  
**Sample Matrix:** AIR

**Sample Collection START Date/Time:** 7/15/15 10:20  
**Sample Collection END Date/Time:** 7/16/15 10:00  
**Sample Received Date/Time:** 7/21/15 10:00

<u>Compounds</u>	<u>Sample Results ug/m<sup>3</sup></u>	<u>Reporting Limit ug/m<sup>3</sup></u>	<u>Flag</u>
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

<b><u>Compounds</u></b>	<b><u>Sample Results ug/m<sup>3</sup></u></b>	<b><u>Reporting Limit ug/m<sup>3</sup></u></b>	<b><u>Flag</u></b>
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichlorethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	115%		
Analysis Date/Time:	7-24-15/21:03		
Analyst Initials	tjg		

**Client Name:** ENVIROFORENSICS  
**Project ID:** FORMER PACKARD WAY CLEANERS  
**Client Project Manager:** ROB HOVERMAN  
**EnvisionAir Project Number:** 2015-389

**Analytical Method:** TO-15  
**Analytical Batch:** 072415AIR

**Client Sample ID:** 6306-3658-IA-B  
**Envision Sample Number:** 15-1495  
**Sample Matrix:** AIR

**Sample Collection START Date/Time:** 7/15/15 10:35  
**Sample Collection END Date/Time:** 7/16/15 10:10  
**Sample Received Date/Time:** 7/21/15 10:00

<u>Compounds</u>	<u>Sample Results ug/m<sup>3</sup></u>	<u>Reporting Limit ug/m<sup>3</sup></u>	<u>Flag</u>
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

<b><u>Compounds</u></b>	<b><u>Sample Results ug/m<sup>3</sup></u></b>	<b><u>Reporting Limit ug/m<sup>3</sup></u></b>	<b><u>Flag</u></b>
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichlorethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	114%		
Analysis Date/Time:	7-25-15/01:43		
Analyst Initials	tjg		

**Client Name:** ENVIROFORENSICS  
**Project ID:** FORMER PACKARD WAY CLEANERS  
**Client Project Manager:** ROB HOVERMAN  
**EnvisionAir Project Number:** 2015-389

**Analytical Method:** TO-15  
**Analytical Batch:** 072415AIR

**Client Sample ID:** 6306-3658-IA-1  
**Envision Sample Number:** 15-1496  
**Sample Matrix:** AIR

**Sample Collection START Date/Time:** 7/15/15 10:30  
**Sample Collection END Date/Time:** 7/16/15 10:05  
**Sample Received Date/Time:** 7/21/15 10:00

<u>Compounds</u>	<u>Sample Results ug/m<sup>3</sup></u>	<u>Reporting Limit ug/m<sup>3</sup></u>	<u>Flag</u>
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

<b><u>Compounds</u></b>	<b><u>Sample Results ug/m<sup>3</sup></u></b>	<b><u>Reporting Limit ug/m<sup>3</sup></u></b>	<b><u>Flag</u></b>
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichlorethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	111%		
Analysis Date/Time:	7-25-15/02:24		
Analyst Initials	tjg		

**Client Name:** ENVIROFORENSICS  
**Project ID:** FORMER PACKARD WAY CLEANERS  
**Client Project Manager:** ROB HOVERMAN  
**EnvisionAir Project Number:** 2015-389

**Analytical Method:** TO-15  
**Analytical Batch:** 072415AIR

**Client Sample ID:** 6306-3658-IA-2  
**Envision Sample Number:** 15-1497  
**Sample Matrix:** AIR

**Sample Collection START Date/Time:** 7/15/15 10:40  
**Sample Collection END Date/Time:** 7/16/15 10:15  
**Sample Received Date/Time:** 7/21/15 10:00

<u>Compounds</u>	<u>Sample Results ug/m<sup>3</sup></u>	<u>Reporting Limit ug/m<sup>3</sup></u>	<u>Flag</u>
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

<b><u>Compounds</u></b>	<b><u>Sample Results ug/m<sup>3</sup></u></b>	<b><u>Reporting Limit ug/m<sup>3</sup></u></b>	<b><u>Flag</u></b>
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichlorethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	115%		
Analysis Date/Time:	7-25-15/03:03		
Analyst Initials	tjg		



**Client Name:** ENVIROFORENSICS  
**Project ID:** FORMER PACKARD WAY CLEANERS  
**Client Project Manager:** ROB HOVERMAN  
**EnvisionAir Project Number:** 2015-389

**Analytical Method:** TO-15  
**Analytical Batch:** 072315AIR

**Client Sample ID:** 6306-3658-SSV-1    **Sample Collection START Date/Time:** 7/16/15    10:40  
**Envision Sample Number:** 15-1498    **Sample Collection END Date/Time:** 7/16/15    10:46  
**Sample Matrix:** AIR    **Sample Received Date/Time:** 7/21/15    10:00

<u>Compounds</u>	<u>Sample Results ug/m<sup>3</sup></u>	<u>Reporting Limit ug/m<sup>3</sup></u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,1,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	< 16.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2

<b><u>Compounds</u></b>	<b><u>Sample Results ug/m<sup>3</sup></u></b>	<b><u>Reporting Limit ug/m<sup>3</sup></u></b>	<b><u>Flag</u></b>
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	< 31.9	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	89%		
Analysis Date/Time:	7-24-15/00:51		
Analyst Initials	tjg		

**Client Name:** ENVIROFORENSICS  
**Project ID:** FORMER PACKARD WAY CLEANERS  
**Client Project Manager:** ROB HOVERMAN  
**EnvisionAir Project Number:** 2015-389

**Analytical Method:** TO-15  
**Analytical Batch:** 072315AIR

**Client Sample ID:** 6306-3658-SSV-2      **Sample Collection START Date/Time:** 7/16/15      11:05  
**Envision Sample Number:** 15-1499      **Sample Collection END Date/Time:** 7/16/15      11:10  
**Sample Matrix:** AIR      **Sample Received Date/Time:** 7/21/15      10:00

<u>Compounds</u>	<u>Sample Results ug/m<sup>3</sup></u>	<u>Reporting Limit ug/m<sup>3</sup></u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	< 16.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2

<u>Compounds</u>	<u>Sample Results ug/m<sup>3</sup></u>	<u>Reporting Limit ug/m<sup>3</sup></u>	<u>Flag</u>
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	< 31.9	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	89%		
Analysis Date/Time:	7-24-15/02:10		
Analyst Initials	tjg		

**TO-15 Quality Control Data**

EnvisionAir Batch Number: 072315AIR

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,2,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 500	500	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

Analytical Report

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichlorethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	88%		
Analysis Date/Time:	7-23-15/17:29		
Analyst Initials	tjg		

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D Conc(ppbv)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>RPD</u>	<u>Flag</u>
Propylene	9.7	10.7	10	97%	107%	9.8%	
Dichlorodifluoromethane	9.06	10.3	10	91%	103%	12.8%	
Chloromethane	10.3	11.4	10	103%	114%	10.1%	
Vinyl Chloride	10.9	10.4	10	109%	104%	4.7%	
1,3-Butadiene	9.65	9.36	10	97%	94%	3.1%	
Bromomethane	10.3	9.87	10	103%	99%	4.3%	
Chloroethane	11.2	10.4	10	112%	104%	7.4%	
Vinyl Bromide	8.52	8.15	10	85%	82%	4.4%	
Trichlorofluoromethane	9.22	9.66	10	92%	97%	4.7%	
Acetone	8.72	8.92	10	87%	89%	2.3%	
1,1-Dichloroethene	9.62	9.78	10	96%	98%	1.6%	
Methylene Chloride	8.39	8.37	10	84%	84%	0.2%	
Carbon Disulfide	10.1	9.99	10	101%	100%	1.1%	
trans-1,2-Dichloroethene	10.5	10.1	10	105%	101%	3.9%	
Methyl-tert-butyl ether	9.97	9.88	10	100%	99%	0.9%	
1,1-Dichloroethane	10.1	10.1	10	101%	101%	0.0%	
Vinyl Acetate	9.42	9.41	10	94%	94%	0.1%	
N-Hexane	10.5	10.3	10	105%	103%	1.9%	
2-Butanone (MEK)	11	10.6	10	110%	106%	3.7%	
cis-1,2-Dichloroethene	10.1	10.1	10	101%	101%	0.0%	
Ethyl Acetate	10.7	10.6	10	107%	106%	0.9%	
Chloroform	10.5	10.3	10	105%	103%	1.9%	
Tetrahydrofuran	10.9	10.5	10	109%	105%	3.7%	
1,2-Dichloroethane	10.9	10.6	10	109%	106%	2.8%	
1,1,1-Trichloroethane	10.5	10.2	10	105%	102%	2.9%	
Carbon Tetrachloride	10.6	10.5	10	106%	105%	0.9%	
Benzene	10.3	9.91	10	103%	99%	3.9%	
Cyclohexane	9.03	8.79	10	90%	88%	2.7%	
1,2-Dichloropropane	10.4	9.9	10	104%	99%	4.9%	
Trichlorethene	10.8	10.2	10	108%	102%	5.7%	
Bromodichloromethane	11.2	10.7	10	112%	107%	4.6%	
1,4-Dioxane	10.7	9.95	10	107%	100%	7.3%	
Isooctane	10.7	10.3	10	107%	103%	3.8%	
N-Heptane	11.3	10.8	10	113%	108%	4.5%	
cis-1,3-Dichloropropene	11.1	10.8	10	111%	108%	2.7%	
4-Methyl-2-pentanone (MIBK)	11.3	10.8	10	113%	108%	4.5%	
trans-1,3-Dichloropropene	11.2	10.8	10	112%	108%	3.6%	
1,1,2-Trichloroethane	10.9	10.4	10	109%	104%	4.7%	
Toluene	11.3	10.9	10	113%	109%	3.6%	
2-Hexanone	11.6	10.8	10	116%	108%	7.1%	
Dibromochloromethane	11.2	11.2	10	112%	112%	0.0%	
1,2-dibromoethane (EDB)	10.4	10.3	10	104%	103%	1.0%	
Tetrachloroethene	8.53	8.53	10	85%	85%	0.0%	
Chlorobenzene	10.2	10.1	10	102%	101%	1.0%	
Ethylbenzene	11	10.8	10	110%	108%	1.8%	
m,p-Xylene	22.6	21.9	20	113%	110%	3.1%	
Bromoform	11.7	11.3	10	117%	113%	3.5%	

Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D Conc(ppbv)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	11.3	11	10	113%	110%	2.7%	
1,1,2,2-Tetrachloroethane	11.3	10.9	10	113%	109%	3.6%	
o-Xylene	11.1	10.6	10	111%	106%	4.6%	
4-Ethyltoluene	11.1	10.8	10	111%	108%	2.7%	
1,3,5-Trimethylbenzene	11	10.6	10	110%	106%	3.7%	
1,2,4-Trimethylbenzene	11.2	10.7	10	112%	107%	4.6%	
1,3-Dichlorobenzene	11.5	11	10	115%	110%	4.4%	
Benzyl Chloride	10.8	11.8	10	108%	118%	8.8%	
1,4-Dichlorobenzene	11.3	11	10	113%	110%	2.7%	
1,2-Dichlorobenzene	11.2	10.9	10	112%	109%	2.7%	
1,2,4-Trichlorobenzene	9.26	9.25	10	93%	93%	0.1%	
Hexachloro-1,3-butadiene	11.3	10.9	10	113%	109%	3.6%	
4-bromofluorobenzene (surrogate)	100%	102%					
Analysis Date/Time:	7-23-15/14:54	7-23-15/15:36					
Analyst Initials	tjg	tjg					

**TO-15 Quality Control Data**

EnvisionAir Batch Number: 072415AIR

<b><u>Method Blank (MB):</u></b>	<b><u>MB Results (ppbv)</u></b>	<b><u>Reporting Limit (ppbv)</u></b>	<b><u>Flags</u></b>
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,2,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 500	500	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	



Analytical Report

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>				
Toluene	< 1000	1000					
trans-1,2-Dichloroethene	< 10	10					
trans-1,3-Dichloropropene	< 1	1					
Trichlorethene	< 0.2	0.2					
Trichlorofluoromethane	< 100	100					
Vinyl Acetate	< 50	50					
Vinyl Bromide	< 0.1	0.1					
Vinyl Chloride	< 0.5	0.5					
4-bromofluorobenzene (surrogate)	110%						
Analysis Date/Time:	7-24-15/19:50						
Analyst Initials	tjg						
<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u>	<u>LCS</u>	<u>LCSD</u>	<u>RPD</u>	<u>Flag</u>
			<u>Conc(ppbv)</u>	<u>Rec.</u>	<u>Rec.</u>	<u>RPD</u>	
Propylene	10.6	11	10	106%	110%	3.7%	
Dichlorodifluoromethane	9.97	10.7	10	100%	107%	7.1%	
Chloromethane	10.7	10.9	10	107%	109%	1.9%	
Vinyl Chloride	9.66	10.3	10	97%	103%	6.4%	
1,3-Butadiene	8.96	9.43	10	90%	94%	5.1%	
Bromomethane	9.18	9.71	10	92%	97%	5.6%	
Chloroethane	9.91	10.4	10	99%	104%	4.8%	
Vinyl Bromide	9.87	10.5	10	99%	105%	6.2%	
Trichlorofluoromethane	8.61	9.17	10	86%	92%	6.3%	
Acetone	9.38	10.2	10	94%	102%	8.4%	
1,1-Dichloroethene	8.83	9.42	10	88%	94%	6.5%	
Methylene Chloride	9.46	8.66	10	95%	87%	8.8%	
Carbon Disulfide	9.21	9.73	10	92%	97%	5.5%	
trans-1,2-Dichloroethene	9.44	10.2	10	94%	102%	7.7%	
Methyl-tert-butyl ether	9.39	10.1	10	94%	101%	7.3%	
1,1-Dichloroethane	9.22	9.7	10	92%	97%	5.1%	
Vinyl Acetate	9.03	9.48	10	90%	95%	4.9%	
N-Hexane	9.99	10.6	10	100%	106%	5.9%	
2-Butanone (MEK)	10.5	11.1	10	105%	111%	5.6%	
cis-1,2-Dichloroethene	9.3	9.92	10	93%	99%	6.5%	
Ethyl Acetate	10.2	10.8	10	102%	108%	5.7%	
Chloroform	9.53	10.2	10	95%	102%	6.8%	
Tetrahydrofuran	10.4	10.7	10	104%	107%	2.8%	
1,2-Dichloroethane	9.79	10.3	10	98%	103%	5.1%	
1,1,1-Trichloroethane	9.44	9.8	10	94%	98%	3.7%	
Carbon Tetrachloride	9.7	10.1	10	97%	101%	4.0%	
Benzene	9.31	9.6	10	93%	96%	3.1%	
Cyclohexane	8.39	8.72	10	84%	87%	3.9%	
1,2-Dichloropropane	9.34	9.67	10	93%	97%	3.5%	
Trichlorethene	9.63	9.95	10	96%	100%	3.3%	
Bromodichloromethane	10	10.5	10	100%	105%	4.9%	
1,4-Dioxane	8.96	10.6	10	90%	106%	16.8%	
Isooctane	9.98	10.1	10	100%	101%	1.2%	
N-Heptane	10.4	10.6	10	104%	106%	1.9%	
cis-1,3-Dichloropropene	10.3	10.5	10	103%	105%	1.9%	
4-Methyl-2-pentanone (MIBK)	11.7	11.8	10	117%	118%	0.9%	
trans-1,3-Dichloropropene	10.4	10.5	10	104%	105%	1.0%	
1,1,2-Trichloroethane	10	10.2	10	100%	102%	2.0%	
Toluene	10.1	10.4	10	101%	104%	2.9%	
2-Hexanone	10.4	10.3	10	104%	103%	1.0%	
Dibromochloromethane	10.2	9.99	10	102%	100%	2.1%	
1,2-dibromoethane (EDB)	9.3	9.31	10	93%	93%	0.1%	
Tetrachloroethene	8.71	8.61	10	87%	86%	1.2%	
Chlorobenzene	9.07	9.04	10	91%	90%	0.3%	
Ethylbenzene	9.74	9.68	10	97%	97%	0.6%	
m,p-Xylene	19.9	19.7	20	100%	99%	1.0%	
Bromoform	9.94	9.91	10	99%	99%	0.3%	

Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D Conc(ppbv)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	9.96	9.72	10	100%	97%	2.4%	
1,1,2,2-Tetrachloroethane	9.68	9.56	10	97%	96%	1.2%	
o-Xylene	9.69	9.7	10	97%	97%	0.1%	
4-Ethyltoluene	9.81	9.68	10	98%	97%	1.3%	
1,3,5-Trimethylbenzene	9.94	9.85	10	99%	99%	0.9%	
1,2,4-Trimethylbenzene	10.1	9.89	10	101%	99%	2.1%	
1,3-Dichlorobenzene	9.81	9.65	10	98%	97%	1.6%	
Benzyl Chloride	10.3	10.2	10	103%	102%	1.0%	
1,4-Dichlorobenzene	9.63	9.54	10	96%	95%	0.9%	
1,2-Dichlorobenzene	9.38	9.3	10	94%	93%	0.9%	
1,2,4-Trichlorobenzene	9.13	8.8	10	91%	88%	3.7%	
Hexachloro-1,3-butadiene	8.37	8.25	10	84%	83%	1.4%	
4-bromofluorobenzene (surrogate)	111%	111%					
Analysis Date/Time:	7-24-15/17:57	7-24-15/18:38					
Analyst Initials	tjg	tjg					

<u>Flag Number</u>	<u>Comments</u>
1	Reporting limit is supported by MDL. TJG
2	Reported value is from a 10x dilution. TJG 7-27-15

# CHAIN OF CUSTODY RECORD

EnvisionAir | 1441 Sadler Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

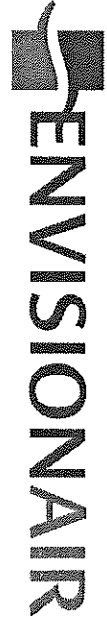
## REQUESTED PARAMETERS

Client: *EnviroTensities* P.O. Number: *2015582*  
 Report Title: *023300 Stm R-47* Project Name or Number: *6306*  
 Address: *Cadelstein St 53058* From: *Palooka Elementary*  
 Report To: *Fitzsimmons / K. Heinstad* Sampled by: *P. Heinstad*  
 Phone: *317-972-7370* QA/QC Required: (Circle if applicable) Level III Level IV  
 Invoice Address: Reporting Units needed: (circle) ug/m<sup>3</sup> mg/m<sup>3</sup> PPBV PPMV  
 Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus days)  
 Media type: 1LC = 1 Liter Canister 6LC = 6 Liter Canister TB = Tedlar Bag TD = Thermal Description Tube

TO-15 Full List  
 TO-15 Short List

Sampling Type:  
 Soil-Gas:   
 Sub-Slab:   
 Indoor-Air:

www.envision-air.com



Air Sample ID	Media Type (see code above)	Coll. Date (grab/comp start)	Coll. Time (grab/comp start)	Coll. Date (comp. end)	Coll. Time (comp. end)	Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6306-3658-OA	6LC	7-15-15	1020	7-16-15	1000	91568	07446	-29	-5	-5	15-1494
6306-3658-IA-B	6LC	7-15-15	1035	7-16-15	1010	4651	07540	-29	-6	-6	15-1495
6306-3658-IA-1	6LC	7-15-15	1030	7-16-15	1005	17897	07306	-29	-7	-7	15-1496
6306-3658-IA-2	6LC	7-15-15	1040	7-16-15	1015	11089	07441	-28	-1	-1	15-1497
6306-3658-SSV-1	1LC	7-16-15	1040	7-16-15	1046	2539	-	-29	-2	-2	15-1498
6306-3658-SSV-2	1LC	7-16-15	1105	7-16-15	1110	2218	-	-29	-2	-2	15-1499

Comments: *Level IV for GIL only!*

Relinquished by: *[Signature]* Date: *7-20-15* Time:   
 Received by: *[Signature]* Date: *7-20-15* Time: *10:00*

# Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 \*P 920-830-2455 \* F 920-733-0631

ROB HOVERMAN  
ENVIROFORENSICS  
825 N. CAPITOL AVENUE  
INDIANAPOLIS, IN 46204

Report Date 13-Oct-16

Project Name FMR PACKARD WAY CLEANERS  
Project # 6306 PO#20169143

Invoice # E31803

Lab Code 5031803A  
Sample ID 6306-MW-1  
Sample Matrix Water  
Sample Date 9/27/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	< 0.04	mg/l	0.04	0.14	1	200.7		9/29/2016	CWT	1
Manganese, Dissolved	145	ug/l	4.5	14.2	1	200.7		10/5/2016	CWT	1
Organic										
GASES										
Ethane	1.8	ug/l	0.5	1.5	1	8015		10/12/2016	MJR	1
Ethene	< 0.5	ug/l	0.5	1.5	1	8015		10/12/2016	MJR	1
Methane	7.0	ug/l	1	3	1	8015		10/12/2016	MJR	1
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		10/4/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		10/4/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		10/4/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		10/4/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		10/4/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		10/4/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		10/4/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		10/4/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		10/4/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		10/4/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		10/4/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#20169143

**Invoice #** E31803

**Lab Code** 5031803A  
**Sample ID** 6306-MW-1  
**Sample Matrix** Water  
**Sample Date** 9/27/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
cis-1,2-Dichloroethene	46	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
trans-1,2-Dichloroethene	2.68	ug/l	0.54	1.7	1	8260B		10/4/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		10/4/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		10/4/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		10/4/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		10/4/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		10/4/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		10/4/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		10/4/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		10/4/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/4/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/4/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		10/4/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/4/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Tetrachloroethene	118	ug/l	0.49	1.5	1	8260B		10/4/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		10/4/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/4/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		10/4/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		10/4/2016	CJR	1
Trichloroethene (TCE)	27	ug/l	0.47	1.5	1	8260B		10/4/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		10/4/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/4/2016	CJR	1
Vinyl Chloride	4.3	ug/l	0.17	0.54	1	8260B		10/4/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/4/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		10/4/2016	CJR	1
SUR - 4-Bromofluorobenzene	105	REC %			1	8260B		10/4/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		10/4/2016	CJR	1
SUR - Toluene-d8	107	REC %			1	8260B		10/4/2016	CJR	1
SUR - Dibromofluoromethane	92	REC %			1	8260B		10/4/2016	CJR	1

**Wet Chemistry**

**General**

Chlorides, Filtered	121.3	mg/l	19	61	10	SM 4500CL		9/30/2016	NJC	1
Nitrite Plus Nitrate, Dissolved	2.95	mg/l	0.15	0.47	1	353.2		10/3/2016	NJC	1
Sulfate, Filtered	71.0	mg/l	3.8	12.08	2	ASTM D516-90,		10/5/2016	NJC	1
Total Organic Carbon	1.76	mg/l	0.102	0.34	1	EPA 9060		10/13/2016	ESC	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#20169143

**Invoice #** E31803

**Lab Code** 5031803B  
**Sample ID** 6306-MW-2  
**Sample Matrix** Water  
**Sample Date** 9/27/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.14	mg/l	0.04	0.14	1	200.7		9/29/2016	CWT	1
Manganese, Dissolved	328	ug/l	4.5	14.2	1	200.7		10/5/2016	CWT	1
Organic										
GASES										
Ethane	2.1	ug/l	0.5	1.5	1	8015		10/12/2016	MJR	1
Ethene	< 0.5	ug/l	0.5	1.5	1	8015		10/12/2016	MJR	1
Methane	7.6	ug/l	1	3	1	8015		10/12/2016	MJR	1
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		10/4/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		10/4/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		10/4/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		10/4/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		10/4/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		10/4/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		10/4/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		10/4/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		10/4/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		10/4/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		10/4/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethene	1.53 "J"	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
cis-1,2-Dichloroethene	410	ug/l	4.5	14	10	8260B		10/6/2016	CJR	1
trans-1,2-Dichloroethene	25.6	ug/l	0.54	1.7	1	8260B		10/4/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		10/4/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		10/4/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		10/4/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		10/4/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		10/4/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		10/4/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		10/4/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		10/4/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/4/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/4/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		10/4/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/4/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Tetrachloroethene	192	ug/l	4.9	15	10	8260B		10/6/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		10/4/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/4/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		10/4/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		10/4/2016	CJR	1
Trichloroethene (TCE)	1040	ug/l	4.7	15	10	8260B		10/6/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#20169143

**Invoice #** E31803

**Lab Code** 5031803B  
**Sample ID** 6306-MW-2  
**Sample Matrix** Water  
**Sample Date** 9/27/2016

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		10/4/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/4/2016	CJR	1
Vinyl Chloride	14.5	ug/l	0.17	0.54	1	8260B		10/4/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/4/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		10/4/2016	CJR	1
SUR - Dibromofluoromethane	91	REC %			1	8260B		10/4/2016	CJR	1
SUR - Toluene-d8	106	REC %			1	8260B		10/4/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		10/4/2016	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		10/4/2016	CJR	1
<b>Wet Chemistry</b>										
<b>General</b>										
Chlorides, Filtered	176.3	mg/l	1.9	6.1	1	SM 4500CL		9/30/2016	NJC	1
Nitrite Plus Nitrate, Dissolved	< 0.15	mg/l	0.15	0.47	1	353.2		10/3/2016	NJC	1
Sulfate, Filtered	38.0	mg/l	3.8	12.08	2	ASTM D516-90,		10/5/2016	NJC	1
Total Organic Carbon	5.84	mg/l	0.102	0.34	1	EPA 9060		10/13/2016	ESC	1



**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#20169143

**Invoice #** E31803

**Lab Code** 5031803C  
**Sample ID** 6306-MW-3  
**Sample Matrix** Water  
**Sample Date** 9/27/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	< 0.04	mg/l	0.04	0.14	1	200.7		9/29/2016	CWT	1
Manganese, Dissolved	< 4.5	ug/l	4.5	14.2	1	200.7		10/5/2016	CWT	1
Organic										
GASES										
Ethane	< 0.5	ug/l	0.5	1.5	1	8015		10/12/2016	MJR	1
Ethene	< 0.5	ug/l	0.5	1.5	1	8015		10/12/2016	MJR	1
Methane	3.5	ug/l	1	3	1	8015		10/12/2016	MJR	1
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		10/4/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		10/4/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		10/4/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		10/4/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		10/4/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		10/4/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		10/4/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		10/4/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		10/4/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		10/4/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		10/4/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/4/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		10/4/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		10/4/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		10/4/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		10/4/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		10/4/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		10/4/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		10/4/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		10/4/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/4/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/4/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		10/4/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/4/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Tetrachloroethene	175	ug/l	0.49	1.5	1	8260B		10/4/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		10/4/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/4/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		10/4/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		10/4/2016	CJR	1
Trichloroethene (TCE)	10.6	ug/l	0.47	1.5	1	8260B		10/4/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#20169143

**Invoice #** E31803

**Lab Code** 5031803C  
**Sample ID** 6306-MW-3  
**Sample Matrix** Water  
**Sample Date** 9/27/2016

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		10/4/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/4/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/4/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/4/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		10/4/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		10/4/2016	CJR	1
SUR - 4-Bromofluorobenzene	105	REC %			1	8260B		10/4/2016	CJR	1
SUR - Dibromofluoromethane	95	REC %			1	8260B		10/4/2016	CJR	1
SUR - Toluene-d8	109	REC %			1	8260B		10/4/2016	CJR	1
<b>Wet Chemistry</b>										
<b>General</b>										
Chlorides, Filtered	172.3	mg/l	1.9	6.1	1	SM 4500CL		9/30/2016	NJC	3
Nitrite Plus Nitrate, Dissolved	7.37	mg/l	0.15	0.47	1	353.2		10/3/2016	NJC	1
Sulfate, Filtered	30.8	mg/l	3.8	12.08	2	ASTM D516-90,		10/5/2016	NJC	1
Total Organic Carbon	1.40	mg/l	0.102	0.34	1	EPA 9060		10/13/2016	ESC	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#20169143

Invoice # E31803

Lab Code 5031803D  
 Sample ID 6306-MW-4  
 Sample Matrix Water  
 Sample Date 9/27/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		10/4/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		10/4/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		10/4/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		10/4/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		10/4/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
Chloroform	1.59	ug/l	0.43	1.4	1	8260B		10/4/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		10/4/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		10/4/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		10/4/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		10/4/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		10/4/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/4/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		10/4/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		10/4/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		10/4/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		10/4/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		10/4/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		10/4/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		10/4/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		10/4/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/4/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/4/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		10/4/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/4/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Tetrachloroethene	1.21 "J"	ug/l	0.49	1.5	1	8260B		10/4/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		10/4/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/4/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		10/4/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		10/4/2016	CJR	1
Trichloroethene (TCE)	1.3 "J"	ug/l	0.47	1.5	1	8260B		10/4/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		10/4/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/4/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/4/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/4/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		10/4/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B		10/4/2016	CJR	1
SUR - 4-Bromofluorobenzene	106	REC %			1	8260B		10/4/2016	CJR	1
SUR - Dibromofluoromethane	92	REC %			1	8260B		10/4/2016	CJR	1
SUR - Toluene-d8	108	REC %			1	8260B		10/4/2016	CJR	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#20169143

Invoice # E31803

Lab Code 5031803E  
 Sample ID 6306-MW-5  
 Sample Matrix Water  
 Sample Date 9/27/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		10/4/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		10/4/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		10/4/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		10/4/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		10/4/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		10/4/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		10/4/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		10/4/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		10/4/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		10/4/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		10/4/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/4/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		10/4/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		10/4/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		10/4/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		10/4/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		10/4/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		10/4/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		10/4/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		10/4/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/4/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/4/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		10/4/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/4/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		10/4/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		10/4/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/4/2016	CJR	1
1,1,1-Trichloroethane	1.39 "J"	ug/l	0.84	2.7	1	8260B		10/4/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		10/4/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		10/4/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		10/4/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/4/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/4/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/4/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		10/4/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B		10/4/2016	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %			1	8260B		10/4/2016	CJR	1
SUR - Dibromofluoromethane	88	REC %			1	8260B		10/4/2016	CJR	1
SUR - Toluene-d8	108	REC %			1	8260B		10/4/2016	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#20169143

**Invoice #** E31803

**Lab Code** 5031803F  
**Sample ID** 6306-MW-6  
**Sample Matrix** Water  
**Sample Date** 9/27/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	< 0.04	mg/l	0.04	0.14	1	200.7		9/29/2016	CWT	1
Manganese, Dissolved	53.2	ug/l	4.5	14.2	1	200.7		10/5/2016	CWT	1
Organic										
GASES										
Ethane	< 0.5	ug/l	0.5	1.5	1	8015		10/12/2016	MJR	1
Ethene	< 0.5	ug/l	0.5	1.5	1	8015		10/12/2016	MJR	1
Methane	1.6 "J"	ug/l	1	3	1	8015		10/12/2016	MJR	1
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		10/5/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		10/5/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		10/5/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		10/5/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		10/5/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		10/5/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		10/5/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		10/5/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		10/5/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		10/5/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		10/5/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		10/5/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		10/5/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		10/5/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		10/5/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		10/5/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		10/5/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		10/5/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		10/5/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/5/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/5/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		10/5/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		10/5/2016	CJR	1
cis-1,2-Dichloroethene	5.1	ug/l	0.45	1.4	1	8260B		10/5/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/5/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		10/5/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		10/5/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		10/5/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		10/5/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		10/5/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		10/5/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		10/5/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		10/5/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		10/5/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		10/5/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/5/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/5/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		10/5/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/5/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/5/2016	CJR	1
Tetrachloroethene	360	ug/l	24.5	75	50	8260B		10/4/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/5/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		10/5/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/5/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		10/5/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		10/5/2016	CJR	1
Trichloroethene (TCE)	22.6	ug/l	0.47	1.5	1	8260B		10/5/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/5/2016	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#20169143

**Invoice #** E31803

**Lab Code** 5031803F  
**Sample ID** 6306-MW-6  
**Sample Matrix** Water  
**Sample Date** 9/27/2016

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		10/5/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/5/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/5/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/5/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		10/5/2016	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		10/5/2016	CJR	1
SUR - Dibromofluoromethane	91	REC %			1	8260B		10/5/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		10/5/2016	CJR	1
SUR - Toluene-d8	108	REC %			1	8260B		10/5/2016	CJR	1
<b>Wet Chemistry</b>										
<b>General</b>										
Chlorides, Filtered	214.1	mg/l	19	61	10	SM 4500CL		9/30/2016	NJC	1
Nitrite Plus Nitrate, Dissolved	5.35	mg/l	0.15	0.47	1	353.2		10/3/2016	NJC	1
Sulfate, Filtered	29.7	mg/l	3.8	12.08	2	ASTM D516-90,		10/5/2016	NJC	1
Total Organic Carbon	1.50	mg/l	0.102	0.34	1	EPA 9060		10/13/2016	ESC	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#20169143

**Invoice #** E31803

**Lab Code** 5031803G  
**Sample ID** 6306-MW-7  
**Sample Matrix** Water  
**Sample Date** 9/27/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	< 0.04	mg/l	0.04	0.14	1	200.7		9/29/2016	CWT	1
Manganese, Dissolved	< 4.5	ug/l	4.5	14.2	1	200.7		10/5/2016	CWT	1
Organic										
GASES										
Ethane	< 0.5	ug/l	0.5	1.5	1	8015		10/12/2016	MJR	1
Ethene	< 0.5	ug/l	0.5	1.5	1	8015		10/12/2016	MJR	1
Methane	3.9	ug/l	1	3	1	8015		10/12/2016	MJR	1
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		10/5/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		10/5/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		10/5/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		10/5/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		10/5/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		10/5/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		10/5/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		10/5/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		10/5/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		10/5/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		10/5/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		10/5/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		10/5/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		10/5/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		10/5/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		10/5/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		10/5/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		10/5/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		10/5/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/5/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/5/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		10/5/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		10/5/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/5/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/5/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		10/5/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		10/5/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		10/5/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		10/5/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		10/5/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		10/5/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		10/5/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		10/5/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		10/5/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		10/5/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/5/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/5/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		10/5/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/5/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/5/2016	CJR	1
Tetrachloroethene	26.8	ug/l	0.49	1.5	1	8260B		10/5/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/5/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		10/5/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/5/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		10/5/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		10/5/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		10/5/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/5/2016	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#20169143

**Invoice #** E31803

**Lab Code** 5031803G  
**Sample ID** 6306-MW-7  
**Sample Matrix** Water  
**Sample Date** 9/27/2016

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		10/5/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/5/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/5/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/5/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		10/5/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		10/5/2016	CJR	1
SUR - 4-Bromofluorobenzene	105	REC %			1	8260B		10/5/2016	CJR	1
SUR - Dibromofluoromethane	90	REC %			1	8260B		10/5/2016	CJR	1
SUR - Toluene-d8	107	REC %			1	8260B		10/5/2016	CJR	1
<b>Wet Chemistry</b>										
<b>General</b>										
Total Organic Carbon	6.56	mg/l	0.102	0.34	1	EPA 9060		10/13/2016	ESC	1



Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#20169143

Invoice # E31803

Lab Code 5031803H  
 Sample ID 6306-PZ-1  
 Sample Matrix Water  
 Sample Date 9/27/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		10/4/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		10/4/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		10/4/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		10/4/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		10/4/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		10/4/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		10/4/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		10/4/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		10/4/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		10/4/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		10/4/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/4/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		10/4/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		10/4/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		10/4/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		10/4/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		10/4/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		10/4/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		10/4/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		10/4/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/4/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/4/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		10/4/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/4/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		10/4/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		10/4/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/4/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		10/4/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		10/4/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		10/4/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		10/4/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/4/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/4/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/4/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		10/4/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		10/4/2016	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %			1	8260B		10/4/2016	CJR	1
SUR - Dibromofluoromethane	91	REC %			1	8260B		10/4/2016	CJR	1
SUR - Toluene-d8	106	REC %			1	8260B		10/4/2016	CJR	1

Lab Code 5031803I  
 Sample ID 6306-PZ-2  
 Sample Matrix Water  
 Sample Date 9/27/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		10/4/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		10/4/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		10/4/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		10/4/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		10/4/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		10/4/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		10/4/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		10/4/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		10/4/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		10/4/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		10/4/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/4/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		10/4/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		10/4/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		10/4/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		10/4/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		10/4/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		10/4/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		10/4/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		10/4/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/4/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/4/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		10/4/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/4/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Tetrachloroethene	8.8	ug/l	0.49	1.5	1	8260B		10/4/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		10/4/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/4/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		10/4/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		10/4/2016	CJR	1
Trichloroethene (TCE)	3.6	ug/l	0.47	1.5	1	8260B		10/4/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		10/4/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/4/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/4/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/4/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		10/4/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		10/4/2016	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B		10/4/2016	CJR	1
SUR - Dibromofluoromethane	91	REC %			1	8260B		10/4/2016	CJR	1
SUR - Toluene-d8	105	REC %			1	8260B		10/4/2016	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#20169143

**Invoice #** E31803

**Lab Code** 5031803J  
**Sample ID** 6306-DUP-1  
**Sample Matrix** Water  
**Sample Date** 9/27/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	< 0.04	mg/l	0.04	0.14	1	200.7		9/29/2016	CWT	1
Manganese, Dissolved	< 4.5	ug/l	4.5	14.2	1	200.7		10/5/2016	CWT	1
Organic										
GASES										
Ethane	< 0.5	ug/l	0.5	1.5	1	8015		10/12/2016	MJR	1
Ethene	< 0.5	ug/l	0.5	1.5	1	8015		10/12/2016	MJR	1
Methane	2.3 "J"	ug/l	1	3	1	8015		10/12/2016	MJR	1
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		10/4/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		10/4/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		10/4/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		10/4/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		10/4/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		10/4/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		10/4/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		10/4/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		10/4/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		10/4/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		10/4/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/4/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		10/4/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		10/4/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		10/4/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		10/4/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		10/4/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		10/4/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		10/4/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		10/4/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/4/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/4/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		10/4/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/4/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Tetrachloroethene	159	ug/l	0.49	1.5	1	8260B		10/4/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		10/4/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/4/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		10/4/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		10/4/2016	CJR	1
Trichloroethene (TCE)	10	ug/l	0.47	1.5	1	8260B		10/4/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#20169143

**Invoice #** E31803

**Lab Code** 5031803J  
**Sample ID** 6306-DUP-1  
**Sample Matrix** Water  
**Sample Date** 9/27/2016

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		10/4/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/4/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/4/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/4/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		10/4/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B		10/4/2016	CJR	1
SUR - Dibromofluoromethane	94	REC %			1	8260B		10/4/2016	CJR	1
SUR - Toluene-d8	106	REC %			1	8260B		10/4/2016	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		10/4/2016	CJR	1
<b>Wet Chemistry</b>										
<b>General</b>										
Chlorides, Filtered	173.1	mg/l	1.9	6.1	1	SM 4500CL		9/30/2016	NJC	1
Nitrite Plus Nitrate, Dissolved	7.67	mg/l	0.15	0.47	1	353.2		10/3/2016	NJC	1
Sulfate, Filtered	31.7	mg/l	3.8	12.08	2	ASTM D516-90,		10/5/2016	NJC	1
Total Organic Carbon	1.39	mg/l	0.102	0.34	1	EPA 9060		10/13/2016	ESC	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#20169143

Invoice # E31803

Lab Code 5031803K  
 Sample ID 6306-EB-1  
 Sample Matrix Water  
 Sample Date 9/27/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Bromodichloromethane	3.09	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		10/4/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		10/4/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		10/4/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		10/4/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		10/4/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
Chloroform	9.3	ug/l	0.43	1.4	1	8260B		10/4/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		10/4/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		10/4/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		10/4/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		10/4/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		10/4/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/4/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		10/4/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		10/4/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		10/4/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		10/4/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		10/4/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		10/4/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		10/4/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		10/4/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/4/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/4/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		10/4/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/4/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		10/4/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		10/4/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/4/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		10/4/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		10/4/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		10/4/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		10/4/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/4/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/4/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/4/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		10/4/2016	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		10/4/2016	CJR	1
SUR - Dibromofluoromethane	89	REC %			1	8260B		10/4/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	105	REC %			1	8260B		10/4/2016	CJR	1
SUR - Toluene-d8	106	REC %			1	8260B		10/4/2016	CJR	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#20169143

Invoice # E31803

Lab Code 5031803L  
 Sample ID 6306-TB  
 Sample Matrix Water  
 Sample Date 9/27/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		10/4/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		10/4/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		10/4/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		10/4/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		10/4/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		10/4/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		10/4/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		10/4/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		10/4/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		10/4/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		10/4/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		10/4/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		10/4/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		10/4/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/4/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/4/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		10/4/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		10/4/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		10/4/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		10/4/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		10/4/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		10/4/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		10/4/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		10/4/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		10/4/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/4/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/4/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		10/4/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/4/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/4/2016	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		10/4/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/4/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		10/4/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/4/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		10/4/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		10/4/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		10/4/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/4/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		10/4/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/4/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/4/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/4/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		10/4/2016	CJR	1
SUR - Toluene-d8	106	REC %			1	8260B		10/4/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		10/4/2016	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B		10/4/2016	CJR	1
SUR - Dibromofluoromethane	91	REC %			1	8260B		10/4/2016	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

***Code***      ***Comment***

1              Laboratory QC within limits.

3              The matrix spike not within established limits.

CWT denotes sub contract lab - Certification #445126660

ESC denotes sub contract lab - Certification #998093910

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

**Authorized Signature**



A handwritten signature in blue ink, appearing to read "Michael J. Steel", is written over a horizontal line.

PO# 20169143



Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914  
920-830-2455 • FAX 920-733-0631

Chain # **No 286**  
Page 1 of 2

**Sample Handling Request**  
Rush Analysis Date Required \_\_\_\_\_  
(Rushes accepted only with prior authorization)  
 Normal Turn Around

Lab I.D. # \_\_\_\_\_

Account No. : \_\_\_\_\_ Quote No.: \_\_\_\_\_

Project #: **6306**

Sampler: (signature) *[Signature]*

Project (Name / Location): **Former Packard Way Cleaners**

Reports To: **R. Hoyerman / R. Vanderheiden**

Company: **EnviroForensics**

Address: **N16 W2339A Stone Ridge Dr**

City State Zip: **Waukesha, WI 53188**

Phone: **317 972 7870**

FAX: \_\_\_\_\_

Analysis Requested

Other Analysis

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE + chloride	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	T.O.C.	Dissolved Fe+Mn	Ethane/Ethane/Methane	PID/ FID	
5031803	H	6306-MW-1	9/27	1450		Y	8	GW	HCL/H2SO4/H2O2				X						X			X						
	B	6306-MW-2	9/27	1210		Y	8	GW	HCL/H2SO4/H2O2				X						X			X						
	C	6306-MW-3	9/27	1045		Y	8	GW	HCL/H2SO4/H2O2				X						X			X						
	D	6306-MW-4	9/27	1055		N	3	GW	HCL										X			X						
	E	6306-MW-5	9/27	1330		N	3	GW	HCL										X			X						
	F	6306-MW-6	9/27	1635		Y	8	GW	H2SO4/HCL				X						X			X						
	G	6306-MW-7	9/27	1530		Y	6	GW	H2SO4/HCL				X						X			X						
	H	6306-PZ-1	9/27	1405		N	3	GW	HCL										X			X						
	I	6306-PZ-2	9/27	1135		N	3	GW	HCL										X			X						
	J	6306-DUP-1	9/27			Y	8	GW	H2SO4/HCL				X						X			X						

Comments/Special Instructions (\*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity - To be completed by receiving lab.  
Method of Shipment: SW  
Temp. of Temp. Blank: \_\_\_\_\_ °C On Ice   
Cooler seal intact upon receipt:  Yes  No

Relinquished By: (sign) *[Signature]* Time 1341 Date 9/28  
Received in Laboratory By: *[Signature]* Time \_\_\_\_\_ Date \_\_\_\_\_  
Received By: (sign) *[Signature]* Time \_\_\_\_\_ Date \_\_\_\_\_  
Time: 8:00 Date: 9/30/16





# Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 \*P 920-830-2455 \* F 920-733-0631

ROB HOVERMAN  
ENVIROFORENSICS  
602 N. CAPITOL AVENUE  
INDIANAPOLIS, IN 46204

Report Date 20-Jan-17

Project Name FMR PACKARD WAY CLEANERS  
Project # 6306 PO#2017041

Invoice # E32317

Lab Code 5032317A  
Sample ID 6306 MW-1  
Sample Matrix Water  
Sample Date 1/5/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.02 "J"	mg/l	0.008	0.026	1	200.7		1/11/2017	CWT	1
Manganese, Dissolved	29.0	ug/L	1.2	3	1	200.7		1/11/2017	CWT	1
Organic										
GASES										
Ethane	< 0.5	ug/l	0.5	1.5	1	8015		1/18/2017	MJR	1
Ethene	< 0.5	ug/l	0.5	1.5	1	8015		1/18/2017	MJR	1
Methane	2.4 "J"	ug/l	1	3	1	8015		1/18/2017	MJR	1
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		1/9/2017	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		1/9/2017	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		1/9/2017	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		1/9/2017	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		1/9/2017	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		1/9/2017	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		1/9/2017	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		1/9/2017	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		1/9/2017	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		1/9/2017	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		1/9/2017	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		1/9/2017	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		1/9/2017	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		1/9/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		1/9/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		1/9/2017	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		1/9/2017	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		1/9/2017	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		1/9/2017	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/9/2017	CJR	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2017041

Invoice # E32317

Lab Code 5032317A  
 Sample ID 6306 MW-1  
 Sample Matrix Water  
 Sample Date 1/5/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/9/2017	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		1/9/2017	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		1/9/2017	CJR	1
cis-1,2-Dichloroethene	39	ug/l	0.45	1.4	1	8260B		1/9/2017	CJR	1
trans-1,2-Dichloroethene	1.71	ug/l	0.54	1.7	1	8260B		1/9/2017	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		1/9/2017	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		1/9/2017	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		1/9/2017	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		1/9/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		1/9/2017	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		1/9/2017	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		1/9/2017	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		1/9/2017	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		1/9/2017	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		1/9/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		1/9/2017	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		1/9/2017	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		1/9/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		1/9/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/9/2017	CJR	1
Tetrachloroethene	104	ug/l	0.49	1.5	1	8260B		1/9/2017	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		1/9/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		1/9/2017	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		1/9/2017	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		1/9/2017	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		1/9/2017	CJR	1
Trichloroethene (TCE)	21	ug/l	0.47	1.5	1	8260B		1/9/2017	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/9/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		1/9/2017	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		1/9/2017	CJR	1
Vinyl Chloride	1.36	ug/l	0.17	0.54	1	8260B		1/9/2017	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		1/9/2017	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		1/9/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		1/9/2017	CJR	1
SUR - Dibromofluoromethane	101	REC %			1	8260B		1/9/2017	CJR	1
SUR - Toluene-d8	105	REC %			1	8260B		1/9/2017	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B		1/9/2017	CJR	1

Wet Chemistry

General

Nitrite Plus Nitrate	3.03	mg/l	0.15	0.47	1	353.2		1/11/2017	NJC	1
Sulfate, Unfiltered	62.9	mg/l	3.8	12.08	2	ASTM D516-90,		1/13/2017	NJC	1
Total Organic Carbon	2470	ug/l	102	340	1	EPA 9060		1/13/2017	ESC	1
Chlorides, Unfiltered	218	mg/l	19	61	10	SM 4500CL		1/10/2017	NJC	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317B  
**Sample ID** 6306 MW-2  
**Sample Matrix** Water  
**Sample Date** 1/5/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.01 "J"	mg/l	0.008	0.026	1	200.7		1/11/2017	CWT	1
Manganese, Dissolved	191	ug/L	1.2	3	1	200.7		1/11/2017	CWT	1
Organic										
GASES										
Ethane	< 0.5	ug/l	0.5	1.5	1	8015		1/18/2017	MJR	1
Ethene	< 0.5	ug/l	0.5	1.5	1	8015		1/18/2017	MJR	1
Methane	4.0	ug/l	1	3	1	8015		1/18/2017	MJR	1
VOC's										
Benzene	< 4.4	ug/l	4.4	14	10	8260B		1/10/2017	CJR	1
Bromobenzene	< 4.8	ug/l	4.8	15	10	8260B		1/10/2017	CJR	1
Bromodichloromethane	< 4.6	ug/l	4.6	15	10	8260B		1/10/2017	CJR	1
Bromoform	< 4.6	ug/l	4.6	15	10	8260B		1/10/2017	CJR	1
tert-Butylbenzene	< 11	ug/l	11	34	10	8260B		1/10/2017	CJR	1
sec-Butylbenzene	< 12	ug/l	12	38	10	8260B		1/10/2017	CJR	1
n-Butylbenzene	< 10	ug/l	10	33	10	8260B		1/10/2017	CJR	1
Carbon Tetrachloride	< 5.1	ug/l	5.1	16	10	8260B		1/10/2017	CJR	1
Chlorobenzene	< 4.6	ug/l	4.6	14	10	8260B		1/10/2017	CJR	1
Chloroethane	< 6.5	ug/l	6.5	21	10	8260B		1/10/2017	CJR	1
Chloroform	< 4.3	ug/l	4.3	14	10	8260B		1/10/2017	CJR	1
Chloromethane	< 19	ug/l	19	60	10	8260B		1/10/2017	CJR	1
2-Chlorotoluene	< 4	ug/l	4	13	10	8260B		1/10/2017	CJR	1
4-Chlorotoluene	< 6.3	ug/l	6.3	20	10	8260B		1/10/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 14	ug/l	14	45	10	8260B		1/10/2017	CJR	1
Dibromochloromethane	< 4.5	ug/l	4.5	14	10	8260B		1/10/2017	CJR	1
1,4-Dichlorobenzene	< 4.9	ug/l	4.9	16	10	8260B		1/10/2017	CJR	1
1,3-Dichlorobenzene	< 5.2	ug/l	5.2	16	10	8260B		1/10/2017	CJR	1
1,2-Dichlorobenzene	< 4.6	ug/l	4.6	15	10	8260B		1/10/2017	CJR	1
Dichlorodifluoromethane	< 8.7	ug/l	8.7	28	10	8260B		1/10/2017	CJR	1
1,2-Dichloroethane	< 4.8	ug/l	4.8	15	10	8260B		1/10/2017	CJR	1
1,1-Dichloroethane	< 11	ug/l	11	36	10	8260B		1/10/2017	CJR	1
1,1-Dichloroethene	< 6.5	ug/l	6.5	21	10	8260B		1/10/2017	CJR	1
cis-1,2-Dichloroethene	320	ug/l	4.5	14	10	8260B		1/10/2017	CJR	1
trans-1,2-Dichloroethene	16.6 "J"	ug/l	5.4	17	10	8260B		1/10/2017	CJR	1
1,2-Dichloropropane	< 4.3	ug/l	4.3	13.7	10	8260B		1/10/2017	CJR	1
2,2-Dichloropropane	< 31	ug/l	31	98	10	8260B		1/10/2017	CJR	1
1,3-Dichloropropane	< 4.2	ug/l	4.2	13	10	8260B		1/10/2017	CJR	1
Di-isopropyl ether	< 4.4	ug/l	4.4	14	10	8260B		1/10/2017	CJR	1
EDB (1,2-Dibromoethane)	< 6.3	ug/l	6.3	20	10	8260B		1/10/2017	CJR	1
Ethylbenzene	< 7.1	ug/l	7.1	23	10	8260B		1/10/2017	CJR	1
Hexachlorobutadiene	< 22	ug/l	22	71	10	8260B		1/10/2017	CJR	1
Isopropylbenzene	< 8.2	ug/l	8.2	26	10	8260B		1/10/2017	CJR	1
p-Isopropyltoluene	< 11	ug/l	11	35	10	8260B		1/10/2017	CJR	1
Methylene chloride	< 13	ug/l	13	42	10	8260B		1/10/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 11	ug/l	11	37	10	8260B		1/10/2017	CJR	3
Naphthalene	< 16	ug/l	16	52	10	8260B		1/10/2017	CJR	1
n-Propylbenzene	< 7.7	ug/l	7.7	24	10	8260B		1/10/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 5.2	ug/l	5.2	17	10	8260B		1/10/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 4.8	ug/l	4.8	15	10	8260B		1/10/2017	CJR	1
Tetrachloroethene	158	ug/l	4.9	15	10	8260B		1/10/2017	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317B  
**Sample ID** 6306 MW-2  
**Sample Matrix** Water  
**Sample Date** 1/5/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Toluene	< 4.4	ug/l	4.4	14	10	8260B		1/10/2017	CJR	1
1,2,4-Trichlorobenzene	< 17	ug/l	17	56	10	8260B		1/10/2017	CJR	1
1,2,3-Trichlorobenzene	< 27	ug/l	27	86	10	8260B		1/10/2017	CJR	1
1,1,1-Trichloroethane	< 8.4	ug/l	8.4	27	10	8260B		1/10/2017	CJR	1
1,1,2-Trichloroethane	< 4.8	ug/l	4.8	15.2	10	8260B		1/10/2017	CJR	1
Trichloroethene (TCE)	760	ug/l	4.7	15	10	8260B		1/10/2017	CJR	1
Trichlorofluoromethane	< 8.7	ug/l	8.7	28	10	8260B		1/10/2017	CJR	1
1,2,4-Trimethylbenzene	< 16	ug/l	16	50	10	8260B		1/10/2017	CJR	1
1,3,5-Trimethylbenzene	< 15	ug/l	15	48	10	8260B		1/10/2017	CJR	1
Vinyl Chloride	6.2	ug/l	1.7	5.4	10	8260B		1/10/2017	CJR	1
m&p-Xylene	< 22	ug/l	22	69	10	8260B		1/10/2017	CJR	1
o-Xylene	< 9	ug/l	9	29	10	8260B		1/10/2017	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			10	8260B		1/10/2017	CJR	1
SUR - Dibromofluoromethane	98	REC %			10	8260B		1/10/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %			10	8260B		1/10/2017	CJR	1
SUR - Toluene-d8	103	REC %			10	8260B		1/10/2017	CJR	1

**Wet Chemistry**

**General**

Nitrite Plus Nitrate	< 0.15	mg/l	0.15	0.47	1	353.2		1/11/2017	NJC	1
Sulfate, Unfiltered	44.1	mg/l	3.8	12.08	2	ASTM D516-90,		1/13/2017	NJC	1
Chlorides, Unfiltered	170	mg/l	1.9	6.1	1	SM 4500CL		1/10/2017	NJC	1
Total Organic Carbon	4650	ug/l	102	340	1	EPA 9060		1/13/2017	ESC	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317C  
**Sample ID** 6306 MW-3  
**Sample Matrix** Water  
**Sample Date** 1/5/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.01 "J"	mg/l	0.008	0.026	1	200.7		1/11/2017	CWT	1
Manganese, Dissolved	1.6 "J"	ug/L	1.2	3	1	200.7		1/11/2017	CWT	1
Organic										
GASES										
Ethane	< 0.5	ug/l	0.5	1.5	1	8015		1/18/2017	MJR	1
Ethene	< 0.5	ug/l	0.5	1.5	1	8015		1/18/2017	MJR	1
Methane	1.9 "J"	ug/l	1	3	1	8015		1/18/2017	MJR	1
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		1/10/2017	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		1/10/2017	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		1/10/2017	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		1/10/2017	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		1/10/2017	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		1/10/2017	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		1/10/2017	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		1/10/2017	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		1/10/2017	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		1/10/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		1/10/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		1/10/2017	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		1/10/2017	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		1/10/2017	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/10/2017	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		1/10/2017	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		1/10/2017	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		1/10/2017	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		1/10/2017	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		1/10/2017	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		1/10/2017	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		1/10/2017	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		1/10/2017	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		1/10/2017	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		1/10/2017	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		1/10/2017	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		1/10/2017	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		1/10/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		1/10/2017	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		1/10/2017	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		1/10/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		1/10/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
Tetrachloroethene	178	ug/l	0.49	1.5	1	8260B		1/10/2017	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317C  
**Sample ID** 6306 MW-3  
**Sample Matrix** Water  
**Sample Date** 1/5/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		1/10/2017	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		1/10/2017	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		1/10/2017	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		1/10/2017	CJR	1
Trichloroethene (TCE)	9.1	ug/l	0.47	1.5	1	8260B		1/10/2017	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/10/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		1/10/2017	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		1/10/2017	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		1/10/2017	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		1/10/2017	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		1/10/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		1/10/2017	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		1/10/2017	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		1/10/2017	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		1/10/2017	CJR	1

**Wet Chemistry**

**General**

Nitrite Plus Nitrate	7.88	mg/l	0.15	0.47	1	353.2		1/11/2017	NJC	1
Sulfate, Unfiltered	33.7	mg/l	3.8	12.08	2	ASTM D516-90,		1/13/2017	NJC	1
Total Organic Carbon	1490	ug/l	102	340	1	EPA 9060		1/13/2017	ESC	1
Chlorides, Unfiltered	146	mg/l	1.9	6.1	1	SM 4500CL		1/10/2017	NJC	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2017041

Invoice # E32317

Lab Code 5032317D  
 Sample ID 6306 MW-4  
 Sample Matrix Water  
 Sample Date 1/4/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		1/9/2017	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		1/9/2017	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		1/9/2017	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		1/9/2017	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		1/9/2017	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		1/9/2017	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		1/9/2017	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		1/9/2017	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		1/9/2017	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		1/9/2017	CJR	1
Chloroform	0.72 "J"	ug/l	0.43	1.4	1	8260B		1/9/2017	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		1/9/2017	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		1/9/2017	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		1/9/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		1/9/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		1/9/2017	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		1/9/2017	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		1/9/2017	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		1/9/2017	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/9/2017	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/9/2017	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		1/9/2017	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		1/9/2017	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		1/9/2017	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		1/9/2017	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		1/9/2017	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		1/9/2017	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		1/9/2017	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		1/9/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		1/9/2017	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		1/9/2017	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		1/9/2017	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		1/9/2017	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		1/9/2017	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		1/9/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		1/9/2017	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		1/9/2017	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		1/9/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		1/9/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/9/2017	CJR	1
Tetrachloroethene	0.81 "J"	ug/l	0.49	1.5	1	8260B		1/9/2017	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		1/9/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		1/9/2017	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		1/9/2017	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		1/9/2017	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		1/9/2017	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		1/9/2017	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/9/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		1/9/2017	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		1/9/2017	CJR	1



**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317D  
**Sample ID** 6306 MW-4  
**Sample Matrix** Water  
**Sample Date** 1/4/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		1/9/2017	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		1/9/2017	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		1/9/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		1/9/2017	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		1/9/2017	CJR	1
SUR - Dibromofluoromethane	102	REC %			1	8260B		1/9/2017	CJR	1
SUR - Toluene-d8	104	REC %			1	8260B		1/9/2017	CJR	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2017041

Invoice # E32317

Lab Code 5032317E  
 Sample ID 6306 MW-5  
 Sample Matrix Water  
 Sample Date 1/4/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		1/10/2017	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		1/10/2017	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		1/10/2017	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		1/10/2017	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		1/10/2017	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		1/10/2017	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		1/10/2017	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		1/10/2017	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		1/10/2017	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		1/10/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		1/10/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		1/10/2017	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		1/10/2017	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		1/10/2017	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/10/2017	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		1/10/2017	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		1/10/2017	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		1/10/2017	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		1/10/2017	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		1/10/2017	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		1/10/2017	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		1/10/2017	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		1/10/2017	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		1/10/2017	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		1/10/2017	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		1/10/2017	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		1/10/2017	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		1/10/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		1/10/2017	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		1/10/2017	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		1/10/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		1/10/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		1/10/2017	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		1/10/2017	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		1/10/2017	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		1/10/2017	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		1/10/2017	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		1/10/2017	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/10/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		1/10/2017	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		1/10/2017	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317E  
**Sample ID** 6306 MW-5  
**Sample Matrix** Water  
**Sample Date** 1/4/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B	1/10/2017	1/10/2017	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B	1/10/2017	1/10/2017	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B	1/10/2017	1/10/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B	1/10/2017	1/10/2017	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B	1/10/2017	1/10/2017	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B	1/10/2017	1/10/2017	CJR	1
SUR - Toluene-d8	102	REC %			1	8260B	1/10/2017	1/10/2017	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317F  
**Sample ID** 6306 MW-6  
**Sample Matrix** Water  
**Sample Date** 1/5/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	< 0.008	mg/l	0.008	0.026	1	200.7		1/11/2017	CWT	1
Manganese, Dissolved	4.3	ug/L	1.2	3	1	200.7		1/11/2017	CWT	1
Organic										
GASES										
Ethane	< 0.5	ug/l	0.5	1.5	1	8015		1/18/2017	MJR	1
Ethene	< 0.5	ug/l	0.5	1.5	1	8015		1/18/2017	MJR	1
Methane	3.7	ug/l	1	3	1	8015		1/18/2017	MJR	1
VOC's										
Benzene	< 4.4	ug/l	4.4	14	10	8260B		1/10/2017	CJR	1
Bromobenzene	< 4.8	ug/l	4.8	15	10	8260B		1/10/2017	CJR	1
Bromodichloromethane	< 4.6	ug/l	4.6	15	10	8260B		1/10/2017	CJR	1
Bromoform	< 4.6	ug/l	4.6	15	10	8260B		1/10/2017	CJR	1
tert-Butylbenzene	< 11	ug/l	11	34	10	8260B		1/10/2017	CJR	1
sec-Butylbenzene	< 12	ug/l	12	38	10	8260B		1/10/2017	CJR	1
n-Butylbenzene	< 10	ug/l	10	33	10	8260B		1/10/2017	CJR	1
Carbon Tetrachloride	< 5.1	ug/l	5.1	16	10	8260B		1/10/2017	CJR	1
Chlorobenzene	< 4.6	ug/l	4.6	14	10	8260B		1/10/2017	CJR	1
Chloroethane	< 6.5	ug/l	6.5	21	10	8260B		1/10/2017	CJR	1
Chloroform	< 4.3	ug/l	4.3	14	10	8260B		1/10/2017	CJR	1
Chloromethane	< 19	ug/l	19	60	10	8260B		1/10/2017	CJR	1
2-Chlorotoluene	< 4	ug/l	4	13	10	8260B		1/10/2017	CJR	1
4-Chlorotoluene	< 6.3	ug/l	6.3	20	10	8260B		1/10/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 14	ug/l	14	45	10	8260B		1/10/2017	CJR	1
Dibromochloromethane	< 4.5	ug/l	4.5	14	10	8260B		1/10/2017	CJR	1
1,4-Dichlorobenzene	< 4.9	ug/l	4.9	16	10	8260B		1/10/2017	CJR	1
1,3-Dichlorobenzene	< 5.2	ug/l	5.2	16	10	8260B		1/10/2017	CJR	1
1,2-Dichlorobenzene	< 4.6	ug/l	4.6	15	10	8260B		1/10/2017	CJR	1
Dichlorodifluoromethane	< 8.7	ug/l	8.7	28	10	8260B		1/10/2017	CJR	1
1,2-Dichloroethane	< 4.8	ug/l	4.8	15	10	8260B		1/10/2017	CJR	1
1,1-Dichloroethane	< 11	ug/l	11	36	10	8260B		1/10/2017	CJR	1
1,1-Dichloroethene	< 6.5	ug/l	6.5	21	10	8260B		1/10/2017	CJR	1
cis-1,2-Dichloroethene	< 4.5	ug/l	4.5	14	10	8260B		1/10/2017	CJR	1
trans-1,2-Dichloroethene	< 5.4	ug/l	5.4	17	10	8260B		1/10/2017	CJR	1
1,2-Dichloropropane	< 4.3	ug/l	4.3	13.7	10	8260B		1/10/2017	CJR	1
2,2-Dichloropropane	< 31	ug/l	31	98	10	8260B		1/10/2017	CJR	1
1,3-Dichloropropane	< 4.2	ug/l	4.2	13	10	8260B		1/10/2017	CJR	1
Di-isopropyl ether	< 4.4	ug/l	4.4	14	10	8260B		1/10/2017	CJR	1
EDB (1,2-Dibromoethane)	< 6.3	ug/l	6.3	20	10	8260B		1/10/2017	CJR	1
Ethylbenzene	< 7.1	ug/l	7.1	23	10	8260B		1/10/2017	CJR	1
Hexachlorobutadiene	< 22	ug/l	22	71	10	8260B		1/10/2017	CJR	1
Isopropylbenzene	< 8.2	ug/l	8.2	26	10	8260B		1/10/2017	CJR	1
p-Isopropyltoluene	< 11	ug/l	11	35	10	8260B		1/10/2017	CJR	1
Methylene chloride	< 13	ug/l	13	42	10	8260B		1/10/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 11	ug/l	11	37	10	8260B		1/10/2017	CJR	1
Naphthalene	< 16	ug/l	16	52	10	8260B		1/10/2017	CJR	1
n-Propylbenzene	< 7.7	ug/l	7.7	24	10	8260B		1/10/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 5.2	ug/l	5.2	17	10	8260B		1/10/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 4.8	ug/l	4.8	15	10	8260B		1/10/2017	CJR	1
Tetrachloroethene	320	ug/l	4.9	15	10	8260B		1/10/2017	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317F  
**Sample ID** 6306 MW-6  
**Sample Matrix** Water  
**Sample Date** 1/5/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Toluene	< 4.4	ug/l	4.4	14	10	8260B		1/10/2017	CJR	1
1,2,4-Trichlorobenzene	< 17	ug/l	17	56	10	8260B		1/10/2017	CJR	1
1,2,3-Trichlorobenzene	< 27	ug/l	27	86	10	8260B		1/10/2017	CJR	1
1,1,1-Trichloroethane	< 8.4	ug/l	8.4	27	10	8260B		1/10/2017	CJR	1
1,1,2-Trichloroethane	< 4.8	ug/l	4.8	15.2	10	8260B		1/10/2017	CJR	1
Trichloroethene (TCE)	14.3 "J"	ug/l	4.7	15	10	8260B		1/10/2017	CJR	1
Trichlorofluoromethane	< 8.7	ug/l	8.7	28	10	8260B		1/10/2017	CJR	1
1,2,4-Trimethylbenzene	< 16	ug/l	16	50	10	8260B		1/10/2017	CJR	1
1,3,5-Trimethylbenzene	< 15	ug/l	15	48	10	8260B		1/10/2017	CJR	1
Vinyl Chloride	< 1.7	ug/l	1.7	5.4	10	8260B		1/10/2017	CJR	1
m&p-Xylene	< 22	ug/l	22	69	10	8260B		1/10/2017	CJR	1
o-Xylene	< 9	ug/l	9	29	10	8260B		1/10/2017	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			10	8260B		1/10/2017	CJR	1
SUR - Dibromofluoromethane	98	REC %			10	8260B		1/10/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	89	REC %			10	8260B		1/10/2017	CJR	1
SUR - Toluene-d8	105	REC %			10	8260B		1/10/2017	CJR	1

**Wet Chemistry**

**General**

Nitrite Plus Nitrate	5.80	mg/l	0.15	0.47	1	353.2		1/11/2017	NJC	1
Sulfate, Unfiltered	29.3	mg/l	3.8	12.08	2	ASTM D516-90,		1/13/2017	NJC	1
Total Organic Carbon	1750	ug/l	102	340	1	EPA 9060		1/13/2017	ESC	1
Chlorides, Unfiltered	151	mg/l	19	61	10	SM 4500CL		1/10/2017	NJC	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317G  
**Sample ID** 6306 MW-7  
**Sample Matrix** Water  
**Sample Date** 1/5/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.03	mg/l	0.008	0.026	1	200.7		1/11/2017	CWT	1
Manganese, Dissolved	2.2 "J"	ug/L	1.2	3	1	200.7		1/11/2017	CWT	1
Organic										
GASES										
Ethane	< 0.5	ug/l	0.5	1.5	1	8015		1/18/2017	MJR	1
Ethene	1.2 "J"	ug/l	0.5	1.5	1	8015		1/18/2017	MJR	1
Methane	7.5	ug/l	1	3	1	8015		1/18/2017	MJR	1
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		1/10/2017	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		1/10/2017	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		1/10/2017	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		1/10/2017	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		1/10/2017	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		1/10/2017	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		1/10/2017	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		1/10/2017	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		1/10/2017	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		1/10/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		1/10/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		1/10/2017	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		1/10/2017	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		1/10/2017	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/10/2017	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		1/10/2017	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		1/10/2017	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		1/10/2017	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		1/10/2017	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		1/10/2017	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		1/10/2017	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		1/10/2017	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		1/10/2017	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		1/10/2017	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		1/10/2017	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		1/10/2017	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		1/10/2017	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		1/10/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		1/10/2017	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		1/10/2017	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		1/10/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		1/10/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
Tetrachloroethene	94	ug/l	0.49	1.5	1	8260B		1/10/2017	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317G  
**Sample ID** 6306 MW-7  
**Sample Matrix** Water  
**Sample Date** 1/5/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		1/10/2017	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		1/10/2017	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		1/10/2017	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		1/10/2017	CJR	1
Trichloroethene (TCE)	1.77	ug/l	0.47	1.5	1	8260B		1/10/2017	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/10/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		1/10/2017	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		1/10/2017	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		1/10/2017	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		1/10/2017	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		1/10/2017	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		1/10/2017	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B		1/10/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		1/10/2017	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		1/10/2017	CJR	1

**Wet Chemistry**

**General**

Nitrite Plus Nitrate	34.2	mg/l	0.75	2.35	5	353.2		1/11/2017	NJC	1
Sulfate, Unfiltered	40.9	mg/l	3.8	12.08	2	ASTM D516-90,		1/13/2017	NJC	1
Chlorides, Unfiltered	86.5	mg/l	1.9	6.1	1	SM 4500CL		1/10/2017	NJC	1
Total Organic Carbon	1610	ug/l	102	340	1	EPA 9060		1/13/2017	ESC	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2017041

Invoice # E32317

Lab Code 5032317H  
 Sample ID 6306 PZ-1  
 Sample Matrix Water  
 Sample Date 1/4/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		1/10/2017	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		1/10/2017	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		1/10/2017	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		1/10/2017	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		1/10/2017	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		1/10/2017	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		1/10/2017	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		1/10/2017	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		1/10/2017	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		1/10/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		1/10/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		1/10/2017	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		1/10/2017	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		1/10/2017	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/10/2017	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		1/10/2017	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		1/10/2017	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		1/10/2017	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		1/10/2017	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		1/10/2017	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		1/10/2017	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		1/10/2017	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		1/10/2017	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		1/10/2017	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		1/10/2017	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		1/10/2017	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		1/10/2017	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		1/10/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		1/10/2017	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		1/10/2017	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		1/10/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		1/10/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		1/10/2017	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		1/10/2017	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		1/10/2017	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		1/10/2017	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		1/10/2017	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		1/10/2017	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/10/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		1/10/2017	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		1/10/2017	CJR	1



**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317H  
**Sample ID** 6306 PZ-1  
**Sample Matrix** Water  
**Sample Date** 1/4/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		1/10/2017	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		1/10/2017	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		1/10/2017	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		1/10/2017	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		1/10/2017	CJR	1
SUR - Toluene-d8	102	REC %			1	8260B		1/10/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		1/10/2017	CJR	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2017041

Invoice # E32317

Lab Code 5032317I  
 Sample ID 6306 PZ-2  
 Sample Matrix Water  
 Sample Date 1/4/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		1/10/2017	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		1/10/2017	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		1/10/2017	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		1/10/2017	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		1/10/2017	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		1/10/2017	CJR	1
Chloroform	0.46 "J"	ug/l	0.43	1.4	1	8260B		1/10/2017	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		1/10/2017	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		1/10/2017	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		1/10/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		1/10/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		1/10/2017	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		1/10/2017	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		1/10/2017	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/10/2017	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		1/10/2017	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		1/10/2017	CJR	1
cis-1,2-Dichloroethene	0.54 "J"	ug/l	0.45	1.4	1	8260B		1/10/2017	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		1/10/2017	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		1/10/2017	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		1/10/2017	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		1/10/2017	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		1/10/2017	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		1/10/2017	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		1/10/2017	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		1/10/2017	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		1/10/2017	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		1/10/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		1/10/2017	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		1/10/2017	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		1/10/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		1/10/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
Tetrachloroethene	8.3	ug/l	0.49	1.5	1	8260B		1/10/2017	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		1/10/2017	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		1/10/2017	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		1/10/2017	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		1/10/2017	CJR	1
Trichloroethene (TCE)	3.6	ug/l	0.47	1.5	1	8260B		1/10/2017	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/10/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		1/10/2017	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		1/10/2017	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317I  
**Sample ID** 6306 PZ-2  
**Sample Matrix** Water  
**Sample Date** 1/4/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		1/10/2017	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		1/10/2017	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		1/10/2017	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		1/10/2017	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		1/10/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	89	REC %			1	8260B		1/10/2017	CJR	1
SUR - Toluene-d8	105	REC %			1	8260B		1/10/2017	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317J  
**Sample ID** 6306 DUP  
**Sample Matrix** Water  
**Sample Date** 1/4/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B	1/10/2017	1/10/2017	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B	1/10/2017	1/10/2017	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B	1/10/2017	1/10/2017	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B	1/10/2017	1/10/2017	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B	1/10/2017	1/10/2017	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B	1/10/2017	1/10/2017	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B	1/10/2017	1/10/2017	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B	1/10/2017	1/10/2017	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B	1/10/2017	1/10/2017	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B	1/10/2017	1/10/2017	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B	1/10/2017	1/10/2017	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B	1/10/2017	1/10/2017	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B	1/10/2017	1/10/2017	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B	1/10/2017	1/10/2017	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B	1/10/2017	1/10/2017	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B	1/10/2017	1/10/2017	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B	1/10/2017	1/10/2017	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B	1/10/2017	1/10/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B	1/10/2017	1/10/2017	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B	1/10/2017	1/10/2017	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B	1/10/2017	1/10/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B	1/10/2017	1/10/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B	1/10/2017	1/10/2017	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B	1/10/2017	1/10/2017	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B	1/10/2017	1/10/2017	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B	1/10/2017	1/10/2017	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B	1/10/2017	1/10/2017	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317J  
**Sample ID** 6306 DUP  
**Sample Matrix** Water  
**Sample Date** 1/4/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		1/10/2017	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		1/10/2017	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		1/10/2017	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B		1/10/2017	CJR	1
SUR - Toluene-d8	103	REC %			1	8260B		1/10/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	86	REC %			1	8260B		1/10/2017	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B		1/10/2017	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317K  
**Sample ID** 6306 EQB  
**Sample Matrix** Water  
**Sample Date** 1/4/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		1/10/2017	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		1/10/2017	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		1/10/2017	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		1/10/2017	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		1/10/2017	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		1/10/2017	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		1/10/2017	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		1/10/2017	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		1/10/2017	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		1/10/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		1/10/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		1/10/2017	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		1/10/2017	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		1/10/2017	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		1/10/2017	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/10/2017	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		1/10/2017	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		1/10/2017	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		1/10/2017	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		1/10/2017	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		1/10/2017	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		1/10/2017	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		1/10/2017	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		1/10/2017	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		1/10/2017	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		1/10/2017	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		1/10/2017	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		1/10/2017	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		1/10/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		1/10/2017	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		1/10/2017	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		1/10/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		1/10/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		1/10/2017	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		1/10/2017	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		1/10/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		1/10/2017	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		1/10/2017	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		1/10/2017	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		1/10/2017	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		1/10/2017	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		1/10/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		1/10/2017	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		1/10/2017	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317K  
**Sample ID** 6306 EQB  
**Sample Matrix** Water  
**Sample Date** 1/4/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B	1/10/2017	1/10/2017	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B	1/10/2017	1/10/2017	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B	1/10/2017	1/10/2017	CJR	1
SUR - Dibromofluoromethane	101	REC %			1	8260B	1/10/2017	1/10/2017	CJR	1
SUR - Toluene-d8	103	REC %			1	8260B	1/10/2017	1/10/2017	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B	1/10/2017	1/10/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %			1	8260B	1/10/2017	1/10/2017	CJR	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2017041

Invoice # E32317

Lab Code 5032317L  
 Sample ID TB  
 Sample Matrix Water  
 Sample Date 1/4/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B	1/10/2017	1/10/2017	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B	1/10/2017	1/10/2017	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B	1/10/2017	1/10/2017	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B	1/10/2017	1/10/2017	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B	1/10/2017	1/10/2017	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B	1/10/2017	1/10/2017	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B	1/10/2017	1/10/2017	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B	1/10/2017	1/10/2017	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B	1/10/2017	1/10/2017	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B	1/10/2017	1/10/2017	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B	1/10/2017	1/10/2017	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B	1/10/2017	1/10/2017	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B	1/10/2017	1/10/2017	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B	1/10/2017	1/10/2017	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B	1/10/2017	1/10/2017	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B	1/10/2017	1/10/2017	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B	1/10/2017	1/10/2017	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B	1/10/2017	1/10/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B	1/10/2017	1/10/2017	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B	1/10/2017	1/10/2017	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B	1/10/2017	1/10/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B	1/10/2017	1/10/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B	1/10/2017	1/10/2017	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B	1/10/2017	1/10/2017	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B	1/10/2017	1/10/2017	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B	1/10/2017	1/10/2017	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B	1/10/2017	1/10/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B	1/10/2017	1/10/2017	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B	1/10/2017	1/10/2017	CJR	1



**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2017041

**Invoice #** E32317

**Lab Code** 5032317L  
**Sample ID** TB  
**Sample Matrix** Water  
**Sample Date** 1/4/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		1/10/2017	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		1/10/2017	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		1/10/2017	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		1/10/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		1/10/2017	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B		1/10/2017	CJR	1
SUR - Dibromofluoromethane	100	REC %			1	8260B		1/10/2017	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

***Code***      ***Comment***

1      Laboratory QC within limits.

3      The matrix spike not within established limits.

CWT denotes sub contract lab - Certification #445126660

ESC denotes sub contract lab - Certification #998093910

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

**Authorized Signature**



Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914  
920-830-2455 • FAX 920-733-0631

Sample Handling Request

Rush Analysis Date Required \_\_\_\_\_  
(Flushes accepted only with prior authorization)  
 Normal Turn Around

Quote No.:

Project #: 6306  
Sampler: (signature) *Shut Subert*

Project (Name / Location): Former Packard Way Cleaners / Cudahy WI

Analysis Requested

- DRO (Mod DRO Sep 95)
- GRO (Mod GRO Sep 95)
- LEAD
- NITRATE/NITRITE
- OIL & GREASE
- PAH (EPA 8270)
- PCB
- PVOC (EPA 8021)
- PVOC + NAPHTHALENE
- SULFATE
- TOTAL SUSPENDED SOLIDS
- VOC DW (EPA 542.2)
- VOC (EPA 8260)
- 8-RCRA METALS

Other Analysis

- Methane/Ethane/Ethene
- Dissolved Metals (Fe/Mn)
- Nitrate/Nitrite
- Sulfate/Chlorides
- TOC

Reports To: R. Hoverman / G. Schacht  
Company: EnviroForensics  
Address: N/A W23370 Stevens Dr  
City State Zip: Lakeside WI 53188  
Phone: 414-630-0000  
FAX: \_\_\_\_\_

Invoice To: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
City State Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_  
FAX: \_\_\_\_\_

Lab I.D.	Sample I.D.	Collection Date	Comp	Grab	Filtered &N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	Methane/Ethane/Ethene	Dissolved Metals (Fe/Mn)	Nitrate/Nitrite	Sulfate/Chlorides	TOC	PID/ FID
S032317A	63060-MW-1	15-17-1100		X	Metals	8	GW	Multiple															X	X	X	X	X	
	63060-MW-2	15-17-0854		X	Metals	8	GW	Multiple															X	X	X	X	X	
	63060-MW-3	15-17-0934		X	Metals	8	GW	Multiple															X	X	X	X	X	
	63060-MW-4	14-17-0854		X	N	3	GW	HCL																				
	63060-MW-5	14-17-0924		X	N	3	GW	HCL																				
	63060-MW-6	15-17-1024		X	Metals	8	GW	Multiple															X	X	X	X	X	
	63060-MW-7	15-17-1140		X	Metals	8	GW	Multiple															X	X	X	X	X	
	63060-P2-1	14-17-1044		X	N	3	GW	HCL																				
	63060-P2-2	14-17-1004		X	N	3	GW	HCL																				
	63060-DUP	14-17-___		X	N	3	GW	HCL																				

PO # 20170411

Comments/Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)  
VOC's & Dissolved Gases = HCL  
Metals = HNO3 and use field filtered (40 micron filter)  
Nitrate/Nitrite = H2SO4  
TOC = H2SO4  
Sulfate/Chloride = Not Preserved

TRB = Trip Blank

Relinquished By: (sign) *Shut Subert* Time: 11:04 AM Date: 11/04/17  
Received By: (sign) *[Signature]* Time: 11:04 AM Date: 11/04/17

Sample Integrity - To be completed by receiving lab.  
Method of Shipment: *Sea*

Temp. of Temp. Blank \_\_\_\_\_ °C On Ice:

Cooler seal intact upon receipt:  Yes  No

Received in Laboratory By: *[Signature]* Time: 10:00 Date: 11/17



# Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 \*P 920-830-2455 \* F 920-733-0631

KYLE VANDERHEIDEN  
ENVIROFORENSICS  
825 N. CAPITOL AVENUE  
INDIANAPOLIS, IN 46204

Report Date 28-Dec-17

Project Name PACKARD WAY LTD  
Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032A  
Sample ID 6306-WS-1 5-6  
Sample Matrix Soil  
Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.8	%			1	5021		12/13/2017	NJC	1
Inorganic										
Metals										
Arsenic, Total	5.61	mg/kg	0.65	2.17	1	7471		12/19/2017	ESC	1
Barium, Total	40.7	mg/kg	0.17	0.567	1	7471		12/19/2017	ESC	1
Cadmium, Total	< 0.07	mg/kg	0.07	0.233	1	7471		12/19/2017	ESC	1
Chromium, Total	16.7	mg/kg	0.14	0.467	1	7471		12/19/2017	ESC	1
Lead, Total	8.39	mg/kg	0.19	0.633	1	7471		12/19/2017	ESC	1
Mercury, Total	0.0175	mg/kg	0.0028	0.0093	1	7471		12/19/2017	ESC	5
Selenium, Total	< 0.74	mg/kg	0.74	2.47	1	7471		12/19/2017	ESC	1
Silver, Total	< 0.28	mg/kg	0.28	0.933	1	7471		12/19/2017	ESC	1
Organic										
Semi Volatiles										
Acetophenone	< 17.8	ug/kg	17.8	56.5	1	8270C	12/18/2017	12/21/2017	MJR	1
Acenaphthene	< 11	ug/kg	11	36	1	8270C	12/18/2017	12/21/2017	MJR	1
Acenaphthylene	< 7.9	ug/kg	7.9	25	1	8270C	12/18/2017	12/21/2017	MJR	1
Anthracene	< 13	ug/kg	13	40	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(a)anthracene	< 9	ug/kg	9	29	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(a)pyrene	< 13	ug/kg	13	43	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(b)fluoranthene	< 10	ug/kg	10	32	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(g,h,i)perylene	< 12	ug/kg	12	39	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(k)fluoranthene	< 10.5	ug/kg	10.5	33.3	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzyl Alcohol	< 7.9	ug/kg	7.9	25	1	8270C	12/18/2017	12/21/2017	MJR	1
Butyl benzyl phthalate	< 11	ug/kg	11	36	1	8270C	12/18/2017	12/21/2017	MJR	1
Bis(2-chloroethoxy)methane	< 7.7	ug/kg	7.7	24.6	1	8270C	12/18/2017	12/21/2017	MJR	1
Bis(2-chloroethyl)ether	< 13.2	ug/kg	13.2	41.9	1	8270C	12/18/2017	12/21/2017	MJR	1
Bis(2-chloroisopropyl)ether	< 7.9	ug/kg	7.9	25.2	1	8270C	12/18/2017	12/21/2017	MJR	1
Bis(2-ethylhexyl)phthalate	< 40.5	ug/kg	40.5	129	1	8270C	12/18/2017	12/21/2017	MJR	1

Project Name PACKARD WAY LTD  
Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032A  
Sample ID 6306-WS-1 5-6  
Sample Matrix Soil  
Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
4-Bromophenylphenyl ether	< 27	ug/kg	27	87	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Chloro-3-methylphenol	< 24	ug/kg	24	77	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Chloronaphthalene	< 13	ug/kg	13	42	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Chlorophenol	< 9.4	ug/kg	9.4	30	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Chlorophenylphenyl ether	< 7.2	ug/kg	7.2	23	1	8270C	12/18/2017	12/21/2017	MJR	1
Chrysene	< 6.5	ug/kg	6.5	20.6	1	8270C	12/18/2017	12/21/2017	MJR	1
o-Cresol	< 27	ug/kg	27	84	1	8270C	12/18/2017	12/21/2017	MJR	1
m & p-Cresol	< 29	ug/kg	29	95	1	8270C	12/18/2017	12/21/2017	MJR	1
Dibenzofuran	< 7.3	ug/kg	7.3	23	1	8270C	12/18/2017	12/21/2017	MJR	1
Dibenzo(a,h)anthracene	< 19	ug/kg	19	60	1	8270C	12/18/2017	12/21/2017	MJR	1
1,4-Dichlorobenzene	< 9.4	ug/kg	9.4	30	1	8270C	12/18/2017	12/21/2017	MJR	1
1,3-Dichlorobenzene	< 8.5	ug/kg	8.5	26.9	1	8270C	12/18/2017	12/21/2017	MJR	1
1,2-Dichlorobenzene	< 9.2	ug/kg	9.2	29.3	1	8270C	12/18/2017	12/21/2017	MJR	1
3,3'-Dichlorobenzidine	< 7.2	ug/kg	7.2	22.8	1	8270C	12/18/2017	12/21/2017	MJR	1
2,4-Dichlorophenol	< 17.1	ug/kg	17.1	54.5	1	8270C	12/18/2017	12/21/2017	MJR	1
Diethyl phthalate	< 6.8	ug/kg	6.8	21.7	1	8270C	12/18/2017	12/21/2017	MJR	1
Dimethyl phthalate	< 9.5	ug/kg	9.5	30	1	8270C	12/18/2017	12/21/2017	MJR	1
2,4-Dimethylphenol	< 11.3	ug/kg	11.3	35.9	1	8270C	12/18/2017	12/21/2017	MJR	1
Di-n-butyl phthalate	< 6.6	ug/kg	6.6	21.1	1	8270C	12/18/2017	12/21/2017	MJR	5
2,4-Dinitrophenol	< 12	ug/kg	12	38	1	8270C	12/18/2017	12/21/2017	MJR	1
2,6-Dinitrotoluene	< 7.4	ug/kg	7.4	23.5	1	8270C	12/18/2017	12/21/2017	MJR	1
2,4-Dinitrotoluene	< 8.4	ug/kg	8.4	26.7	1	8270C	12/18/2017	12/21/2017	MJR	1
Di-n-octyl phthalate	< 11	ug/kg	11	36	1	8270C	12/18/2017	12/21/2017	MJR	1
Diphenylamine	< 9.3	ug/kg	9.3	29.7	1	8270C	12/18/2017	12/21/2017	MJR	1
Fluoranthene	< 8.9	ug/kg	8.9	28.4	1	8270C	12/18/2017	12/21/2017	MJR	1
Fluorene	< 10	ug/kg	10	33	1	8270C	12/18/2017	12/21/2017	MJR	1
Hexachlorobenzene	< 17	ug/kg	17	54	1	8270C	12/18/2017	12/21/2017	MJR	1
Hexachlorobutadiene	< 22	ug/kg	22	69	1	8270C	12/18/2017	12/21/2017	MJR	1
Hexachlorocyclopentadiene	< 20	ug/kg	20	64	1	8270C	12/18/2017	12/21/2017	MJR	1
Hexachloroethane	< 6.4	ug/kg	6.4	20	1	8270C	12/18/2017	12/21/2017	MJR	1
Indeno(1,2,3-cd)pyrene	< 17	ug/kg	17	53	1	8270C	12/18/2017	12/21/2017	MJR	1
Isophorone	< 11.1	ug/kg	11.1	35.3	1	8270C	12/18/2017	12/21/2017	MJR	1
1-Methyl naphthalene	< 10.5	ug/kg	10.5	33.4	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Methyl naphthalene	< 8.2	ug/kg	8.2	26.2	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Methyl-4,6-dinitrophenol	< 41.9	ug/kg	41.9	133	1	8270C	12/18/2017	12/21/2017	MJR	1
Naphthalene	< 8.8	ug/kg	8.8	28	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Nitroaniline	< 10	ug/kg	10	31.8	1	8270C	12/18/2017	12/21/2017	MJR	1
3-Nitroaniline	< 30.1	ug/kg	30.1	95.8	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Nitroaniline	< 30.5	ug/kg	30.5	97.1	1	8270C	12/18/2017	12/21/2017	MJR	1
Nitrobenzene	< 10.6	ug/kg	10.6	33.7	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Nitrophenol	< 7.3	ug/kg	7.3	23.1	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Nitrophenol	< 25.5	ug/kg	25.5	81.1	1	8270C	12/18/2017	12/21/2017	MJR	1
n-Nitrosodimethylamine	< 12.2	ug/kg	12.2	38.9	1	8270C	12/18/2017	12/21/2017	MJR	1
n-Nitrosodi-n-propylamine	< 13.6	ug/kg	13.6	43.1	1	8270C	12/18/2017	12/21/2017	MJR	1
Pentachlorophenol (PCP)	< 31	ug/kg	31	99	1	8270C	12/18/2017	12/21/2017	MJR	1
Phenanthrene	< 11	ug/kg	11	35	1	8270C	12/18/2017	12/21/2017	MJR	1
Phenol	< 9.6	ug/kg	9.6	30.4	1	8270C	12/18/2017	12/21/2017	MJR	1
Pyrene	< 14	ug/kg	14	43	1	8270C	12/18/2017	12/21/2017	MJR	1
Pyridine	< 9.2	ug/kg	9.2	29.3	1	8270C	12/18/2017	12/21/2017	MJR	1
2,3,4,6-Tetrachlorophenol	< 16.7	ug/kg	16.7	53.1	1	8270C	12/18/2017	12/21/2017	MJR	1
1,2,4-Trichlorobenzene	< 16	ug/kg	16	51	1	8270C	12/18/2017	12/21/2017	MJR	1
2,4,5-Trichlorophenol	< 14.5	ug/kg	14.5	46.1	1	8270C	12/18/2017	12/21/2017	MJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032A  
 Sample ID 6306-WS-1 5-6  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
2,4,6-Trichlorophenol	< 17	ug/kg	17	53	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Fluorobiphenyl-surrogate	64	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
2-Fluorophenol-surrogate	68.5	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
Nitrobenzene-d5-surrogate	56	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
Phenol-d6-surrogate	53	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
p-Terphenyl-d14-surrogate	72	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
2,4,6-Tribromophenol-surrogate	71	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/19/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/19/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/19/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/19/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/19/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
n-Butylbenzene	0.049 "J"	mg/kg	0.04	0.13	1	8260B		12/19/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/19/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/19/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/19/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/19/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/19/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/19/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/19/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/19/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/19/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/19/2017	CJR	1
cis-1,2-Dichloroethene	0.96	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
trans-1,2-Dichloroethene	0.104	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/19/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/19/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/19/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/19/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/19/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/19/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/19/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/19/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/19/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/19/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/19/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032A  
**Sample ID** 6306-WS-1 5-6  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/19/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/19/2017	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/19/2017	CJR	1
Trichloroethene (TCE)	2.74	mg/kg	0.041	0.13	1	8260B		12/19/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		12/19/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		12/19/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		12/19/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		12/19/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		12/19/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B		12/19/2017	CJR	1
SUR - 4-Bromofluorobenzene	108	Rec %			1	8260B		12/19/2017	CJR	1
SUR - Dibromofluoromethane	101	Rec %			1	8260B		12/19/2017	CJR	1
SUR - Toluene-d8	96	Rec %			1	8260B		12/19/2017	CJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032B  
 Sample ID 6306-WS-1 9-10  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.0	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/19/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/19/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/19/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/19/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/19/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/19/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/19/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/19/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/19/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/19/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/19/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/19/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/19/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/19/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/19/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/19/2017	CJR	1
cis-1,2-Dichloroethene	0.278	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
trans-1,2-Dichloroethene	0.041 "J"	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/19/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/19/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/19/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/19/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/19/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/19/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/19/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/19/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/19/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/19/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/19/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/19/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/19/2017	CJR	1



**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032B  
**Sample ID** 6306-WS-1 9-10  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/19/2017	CJR	1
Trichloroethene (TCE)	4.4	mg/kg	0.041	0.13	1	8260B		12/19/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		12/19/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		12/19/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		12/19/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		12/19/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		12/19/2017	CJR	1
SUR - 4-Bromofluorobenzene	106	Rec %			1	8260B		12/19/2017	CJR	1
SUR - Dibromofluoromethane	102	Rec %			1	8260B		12/19/2017	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		12/19/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	107	Rec %			1	8260B		12/19/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032C  
**Sample ID** 6306-WS-2 2-3  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.9	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/19/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/19/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/19/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/19/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/19/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/19/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/19/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/19/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/19/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/19/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/19/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/19/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/19/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/19/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/19/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/19/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/19/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/19/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/19/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/19/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/19/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/19/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/19/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/19/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/19/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/19/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
Tetrachloroethene	2.18	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/19/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/19/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/19/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032C  
**Sample ID** 6306-WS-2 2-3  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/19/2017	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		12/19/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		12/19/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		12/19/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		12/19/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		12/19/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		12/19/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	102	Rec %			1	8260B		12/19/2017	CJR	1
SUR - 4-Bromofluorobenzene	105	Rec %			1	8260B		12/19/2017	CJR	1
SUR - Dibromofluoromethane	105	Rec %			1	8260B		12/19/2017	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		12/19/2017	CJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032D  
 Sample ID 6306-WS-2 9-10  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.1	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/19/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/19/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/19/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/19/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/19/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/19/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/19/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/19/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/19/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/19/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/19/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/19/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/19/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/19/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/19/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/19/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/19/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/19/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/19/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/19/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/19/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/19/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/19/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/19/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/19/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/19/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
Tetrachloroethene	0.57	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/19/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/19/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/19/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032D  
**Sample ID** 6306-WS-2 9-10  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	12/19/2017	12/19/2017	CJR	1
Trichloroethene (TCE)	0.41	mg/kg	0.041	0.13	1	8260B	12/19/2017	12/19/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B	12/19/2017	12/19/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B	12/19/2017	12/19/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/19/2017	12/19/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B	12/19/2017	12/19/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B	12/19/2017	12/19/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B	12/19/2017	12/19/2017	CJR	1
SUR - 4-Bromofluorobenzene	104	Rec %			1	8260B	12/19/2017	12/19/2017	CJR	1
SUR - Dibromofluoromethane	106	Rec %			1	8260B	12/19/2017	12/19/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B	12/19/2017	12/19/2017	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B	12/19/2017	12/19/2017	CJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032E  
 Sample ID 6306-WS-3 0-1  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.1	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/19/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/19/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/19/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/19/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/19/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/19/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/19/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/19/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/19/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/19/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/19/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/19/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/19/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/19/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/19/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/19/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/19/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/19/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/19/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/19/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/19/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/19/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/19/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/19/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/19/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/19/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
Tetrachloroethene	5.4	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/19/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/19/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/19/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032E  
**Sample ID** 6306-WS-3 0-1  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/19/2017	CJR	1
Trichloroethene (TCE)	0.085 "J"	mg/kg	0.041	0.13	1	8260B		12/19/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		12/19/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		12/19/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		12/19/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		12/19/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		12/19/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B		12/19/2017	CJR	1
SUR - 4-Bromofluorobenzene	105	Rec %			1	8260B		12/19/2017	CJR	1
SUR - Dibromofluoromethane	101	Rec %			1	8260B		12/19/2017	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		12/19/2017	CJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032F  
 Sample ID 6306-WS-3 9-10  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.1	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/19/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/19/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/19/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/19/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/19/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/19/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/19/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/19/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/19/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/19/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/19/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/19/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/19/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/19/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/19/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/19/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/19/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/19/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/19/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/19/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/19/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/19/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/19/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/19/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/19/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/19/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/19/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/19/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/19/2017	CJR	1



**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032F  
**Sample ID** 6306-WS-3 9-10  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/19/2017	CJR	1
Trichloroethene (TCE)	0.08 "J"	mg/kg	0.041	0.13	1	8260B		12/19/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		12/19/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		12/19/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		12/19/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		12/19/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		12/19/2017	CJR	1
SUR - 4-Bromofluorobenzene	104	Rec %			1	8260B		12/19/2017	CJR	1
SUR - Dibromofluoromethane	104	Rec %			1	8260B		12/19/2017	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		12/19/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	102	Rec %			1	8260B		12/19/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032G  
**Sample ID** 6306-WS-4 8-9  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.8	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/19/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/19/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/19/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/19/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/19/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/19/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/19/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/19/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/19/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/19/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/19/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/19/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/19/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/19/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/19/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/19/2017	CJR	1
cis-1,2-Dichloroethene	0.059 "J"	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/19/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/19/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/19/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/19/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/19/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/19/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/19/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/19/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/19/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/19/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
Tetrachloroethene	1.67	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/19/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/19/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/19/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032G  
**Sample ID** 6306-WS-4 8-9  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	12/19/2017	12/19/2017	CJR	1
Trichloroethene (TCE)	0.29	mg/kg	0.041	0.13	1	8260B	12/19/2017	12/19/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B	12/19/2017	12/19/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B	12/19/2017	12/19/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/19/2017	12/19/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B	12/19/2017	12/19/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B	12/19/2017	12/19/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B	12/19/2017	12/19/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	102	Rec %			1	8260B	12/19/2017	12/19/2017	CJR	1
SUR - 4-Bromofluorobenzene	101	Rec %			1	8260B	12/19/2017	12/19/2017	CJR	1
SUR - Dibromofluoromethane	100	Rec %			1	8260B	12/19/2017	12/19/2017	CJR	1
SUR - Toluene-d8	96	Rec %			1	8260B	12/19/2017	12/19/2017	CJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032H  
 Sample ID 6306-WS-4 9-10  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.6	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/19/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/19/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/19/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/19/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/19/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/19/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/19/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/19/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/19/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/19/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/19/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/19/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/19/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/19/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/19/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/19/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/19/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/19/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/19/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/19/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/19/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/19/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/19/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/19/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/19/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/19/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/19/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/19/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/19/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/19/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/19/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/19/2017	CJR	1
Tetrachloroethene	0.32	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/19/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/19/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/19/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032H  
**Sample ID** 6306-WS-4 9-10  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/19/2017	CJR	1
Trichloroethene (TCE)	0.127 "J"	mg/kg	0.041	0.13	1	8260B		12/19/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		12/19/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		12/19/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/19/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		12/19/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		12/19/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		12/19/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B		12/19/2017	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		12/19/2017	CJR	1
SUR - 4-Bromofluorobenzene	107	Rec %			1	8260B		12/19/2017	CJR	1
SUR - Dibromofluoromethane	104	Rec %			1	8260B		12/19/2017	CJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032I  
 Sample ID 6306-WS-5 5-6  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.7	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/20/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/20/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/20/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/20/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/20/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/20/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/20/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/20/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/20/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/20/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/20/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/20/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/20/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/20/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/20/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/20/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/20/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/20/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/20/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/20/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/20/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/20/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/20/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/20/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/20/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/20/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/20/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/20/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/20/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/20/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/20/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/20/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/20/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/20/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/20/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/20/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/20/2017	CJR	1
Tetrachloroethene	14.5	mg/kg	0.32		10	8260B		12/22/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/20/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/20/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/20/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032I  
**Sample ID** 6306-WS-5 5-6  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	12/20/2017	12/20/2017	CJR	1
Trichloroethene (TCE)	0.077 "J"	mg/kg	0.041	0.13	1	8260B	12/20/2017	12/20/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B	12/20/2017	12/20/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B	12/20/2017	12/20/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/20/2017	12/20/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B	12/20/2017	12/20/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B	12/20/2017	12/20/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	107	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - 4-Bromofluorobenzene	101	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - Dibromofluoromethane	104	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032J  
 Sample ID 6306-WS-5 9-10  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.3	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/20/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/20/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/20/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/20/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/20/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/20/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/20/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/20/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/20/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/20/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/20/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/20/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/20/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/20/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/20/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/20/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/20/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/20/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/20/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/20/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/20/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/20/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/20/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/20/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/20/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/20/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/20/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/20/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/20/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/20/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/20/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/20/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/20/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/20/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/20/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/20/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/20/2017	CJR	1
Tetrachloroethene	0.036 "J"	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/20/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/20/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/20/2017	CJR	1



**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032J  
**Sample ID** 6306-WS-5 9-10  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	12/20/2017	12/20/2017	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B	12/20/2017	12/20/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B	12/20/2017	12/20/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B	12/20/2017	12/20/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/20/2017	12/20/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B	12/20/2017	12/20/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B	12/20/2017	12/20/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	105	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - Dibromofluoromethane	103	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - 4-Bromofluorobenzene	105	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032K  
 Sample ID 6306-WS-6 6-7  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.2	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/20/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/20/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/20/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/20/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/20/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/20/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/20/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/20/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/20/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/20/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/20/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/20/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/20/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/20/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/20/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/20/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/20/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/20/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/20/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/20/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/20/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/20/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/20/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/20/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/20/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/20/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/20/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/20/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/20/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/20/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/20/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/20/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/20/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/20/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/20/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/20/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/20/2017	CJR	1
Tetrachloroethene	2.06	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/20/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/20/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/20/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032K  
**Sample ID** 6306-WS-6 6-7  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	12/20/2017	12/20/2017	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B	12/20/2017	12/20/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B	12/20/2017	12/20/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B	12/20/2017	12/20/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/20/2017	12/20/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B	12/20/2017	12/20/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B	12/20/2017	12/20/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - 4-Bromofluorobenzene	110	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - Dibromofluoromethane	105	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032L  
**Sample ID** 6306-WS-6 9-10  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.3	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/20/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/20/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/20/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/20/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/20/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/20/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/20/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/20/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/20/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/20/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/20/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/20/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/20/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/20/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/20/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/20/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/20/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/20/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/20/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/20/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/20/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/20/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/20/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/20/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/20/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/20/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/20/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/20/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/20/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/20/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/20/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/20/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/20/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/20/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/20/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/20/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/20/2017	CJR	1
Tetrachloroethene	0.041 "J"	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/20/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/20/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/20/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032L  
**Sample ID** 6306-WS-6 9-10  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	12/20/2017	12/20/2017	CJR	1
Trichloroethene (TCE)	0.068 "J"	mg/kg	0.041	0.13	1	8260B	12/20/2017	12/20/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B	12/20/2017	12/20/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B	12/20/2017	12/20/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/20/2017	12/20/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B	12/20/2017	12/20/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B	12/20/2017	12/20/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	111	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - 4-Bromofluorobenzene	104	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - Dibromofluoromethane	106	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032M  
**Sample ID** 6306-WS-7 6-7  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.0	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/20/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/20/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/20/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/20/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/20/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/20/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/20/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/20/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/20/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/20/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/20/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/20/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/20/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/20/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/20/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/20/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/20/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/20/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/20/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/20/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/20/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/20/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/20/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/20/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/20/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/20/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/20/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/20/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/20/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/20/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/20/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/20/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/20/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/20/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/20/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/20/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/20/2017	CJR	1
Tetrachloroethene	2.42	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/20/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/20/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/20/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032M  
**Sample ID** 6306-WS-7 6-7  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/20/2017	CJR	1
Trichloroethene (TCE)	0.046 "J"	mg/kg	0.041	0.13	1	8260B		12/20/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		12/20/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		12/20/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		12/20/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		12/20/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		12/20/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	105	Rec %			1	8260B		12/20/2017	CJR	1
SUR - 4-Bromofluorobenzene	108	Rec %			1	8260B		12/20/2017	CJR	1
SUR - Dibromofluoromethane	106	Rec %			1	8260B		12/20/2017	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B		12/20/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032N  
**Sample ID** 6306-WS-7 9-10  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.8	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/20/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/20/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/20/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/20/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/20/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/20/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/20/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/20/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/20/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/20/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/20/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/20/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/20/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/20/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/20/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/20/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/20/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/20/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/20/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/20/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/20/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/20/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/20/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/20/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/20/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/20/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/20/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/20/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/20/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/20/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/20/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/20/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/20/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/20/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/20/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/20/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/20/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/20/2017	CJR	1
Tetrachloroethene	0.79	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/20/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/20/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/20/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/20/2017	CJR	1



**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032N  
**Sample ID** 6306-WS-7 9-10  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	12/20/2017	12/20/2017	CJR	1
Trichloroethene (TCE)	0.074 "J"	mg/kg	0.041	0.13	1	8260B	12/20/2017	12/20/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B	12/20/2017	12/20/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B	12/20/2017	12/20/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/20/2017	12/20/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B	12/20/2017	12/20/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B	12/20/2017	12/20/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	103	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - Dibromofluoromethane	102	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1
SUR - 4-Bromofluorobenzene	105	Rec %			1	8260B	12/20/2017	12/20/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 50340320  
**Sample ID** 6306-WS-8 3-4  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.3	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/22/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/22/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/22/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/22/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/22/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/22/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/22/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/22/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/22/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/22/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/22/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/22/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/22/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/22/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/22/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/22/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/22/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/22/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/22/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/22/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/22/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/22/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/22/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/22/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/22/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/22/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/22/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/22/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/22/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/22/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/22/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/22/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/22/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/22/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/22/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/22/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/22/2017	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/22/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/22/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/22/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 50340320  
**Sample ID** 6306-WS-8 3-4  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	12/22/2017	12/22/2017	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B	12/22/2017	12/22/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B	12/22/2017	12/22/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B	12/22/2017	12/22/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/22/2017	12/22/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B	12/22/2017	12/22/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B	12/22/2017	12/22/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - 4-Bromofluorobenzene	101	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - Dibromofluoromethane	104	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - Toluene-d8	102	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032P  
 Sample ID 6306-WS-9 0-1  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.3	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/22/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/22/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/22/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/22/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/22/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/22/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/22/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/22/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/22/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/22/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/22/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/22/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/22/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/22/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/22/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/22/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/22/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/22/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/22/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/22/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/22/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/22/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/22/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/22/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/22/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/22/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/22/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/22/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/22/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/22/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/22/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/22/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/22/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/22/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/22/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/22/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/22/2017	CJR	1
Tetrachloroethene	4.9	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/22/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/22/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/22/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032P  
**Sample ID** 6306-WS-9 0-1  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	12/22/2017	12/22/2017	CJR	1
Trichloroethene (TCE)	0.172	mg/kg	0.041	0.13	1	8260B	12/22/2017	12/22/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B	12/22/2017	12/22/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B	12/22/2017	12/22/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/22/2017	12/22/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B	12/22/2017	12/22/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B	12/22/2017	12/22/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - Dibromofluoromethane	101	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - Toluene-d8	102	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - 4-Bromofluorobenzene	99	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032Q  
 Sample ID 6306-WS-9 5-6  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.4	%			1	5021		12/13/2017	NJC	1
Inorganic										
Metals										
Arsenic, Total	4.75	mg/kg	0.65	2.17	1	7471		12/19/2017	ESC	1
Barium, Total	45.8	mg/kg	0.17	0.567	1	7471		12/19/2017	ESC	1
Cadmium, Total	< 0.07	mg/kg	0.07	0.233	1	7471		12/19/2017	ESC	1
Chromium, Total	20.4	mg/kg	0.14	0.467	1	7471		12/19/2017	ESC	1
Lead, Total	7.68	mg/kg	0.19	0.633	1	7471		12/19/2017	ESC	1
Mercury, Total	0.0157	mg/kg	0.0028	0.0093	1	7471		12/19/2017	ESC	5
Selenium, Total	0.921 "J"	mg/kg	0.74	2.47	1	7471		12/19/2017	ESC	1
Silver, Total	< 0.28	mg/kg	0.28	0.933	1	7471		12/19/2017	ESC	1
Organic										
Semi Volatiles										
Acetophenone	< 17.8	ug/kg	17.8	56.5	1	8270C	12/18/2017	12/21/2017	MJR	1
Acenaphthene	< 11	ug/kg	11	36	1	8270C	12/18/2017	12/21/2017	MJR	1
Acenaphthylene	< 7.9	ug/kg	7.9	25	1	8270C	12/18/2017	12/21/2017	MJR	1
Anthracene	< 13	ug/kg	13	40	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(a)anthracene	< 9	ug/kg	9	29	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(a)pyrene	< 13	ug/kg	13	43	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(b)fluoranthene	< 10	ug/kg	10	32	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(g,h,i)perylene	< 12	ug/kg	12	39	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(k)fluoranthene	< 10.5	ug/kg	10.5	33.3	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzyl Alcohol	< 7.9	ug/kg	7.9	25	1	8270C	12/18/2017	12/21/2017	MJR	1
Butyl benzyl phthalate	< 11	ug/kg	11	36	1	8270C	12/18/2017	12/21/2017	MJR	1
Bis(2-chloroethoxy)methane	< 7.7	ug/kg	7.7	24.6	1	8270C	12/18/2017	12/21/2017	MJR	1
Bis(2-chloroethyl)ether	< 13.2	ug/kg	13.2	41.9	1	8270C	12/18/2017	12/21/2017	MJR	1
Bis(2-chloroisopropyl)ether	< 7.9	ug/kg	7.9	25.2	1	8270C	12/18/2017	12/21/2017	MJR	1
Bis(2-ethylhexyl)phthalate	45 "J"	ug/kg	40.5	129	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Bromophenylphenyl ether	< 27	ug/kg	27	87	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Chloro-3-methylphenol	< 24	ug/kg	24	77	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Chloronaphthalene	< 13	ug/kg	13	42	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Chlorophenol	< 9.4	ug/kg	9.4	30	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Chlorophenylphenyl ether	< 7.2	ug/kg	7.2	23	1	8270C	12/18/2017	12/21/2017	MJR	1
Chrysene	< 6.5	ug/kg	6.5	20.6	1	8270C	12/18/2017	12/21/2017	MJR	1
o-Cresol	< 27	ug/kg	27	84	1	8270C	12/18/2017	12/21/2017	MJR	1
m & p-Cresol	< 29	ug/kg	29	95	1	8270C	12/18/2017	12/21/2017	MJR	1
Dibenzofuran	< 7.3	ug/kg	7.3	23	1	8270C	12/18/2017	12/21/2017	MJR	1
Dibenzo(a,h)anthracene	< 19	ug/kg	19	60	1	8270C	12/18/2017	12/21/2017	MJR	1
1,4-Dichlorobenzene	< 9.4	ug/kg	9.4	30	1	8270C	12/18/2017	12/21/2017	MJR	1
1,3-Dichlorobenzene	< 8.5	ug/kg	8.5	26.9	1	8270C	12/18/2017	12/21/2017	MJR	1
1,2-Dichlorobenzene	< 9.2	ug/kg	9.2	29.3	1	8270C	12/18/2017	12/21/2017	MJR	1
3,3'-Dichlorobenzidine	< 7.2	ug/kg	7.2	22.8	1	8270C	12/18/2017	12/21/2017	MJR	1
2,4-Dichlorophenol	< 17.1	ug/kg	17.1	54.5	1	8270C	12/18/2017	12/21/2017	MJR	1
Diethyl phthalate	< 6.8	ug/kg	6.8	21.7	1	8270C	12/18/2017	12/21/2017	MJR	1
Dimethyl phthalate	< 9.5	ug/kg	9.5	30	1	8270C	12/18/2017	12/21/2017	MJR	1
2,4-Dimethylphenol	< 11.3	ug/kg	11.3	35.9	1	8270C	12/18/2017	12/21/2017	MJR	1
Di-n-butyl phthalate	< 6.6	ug/kg	6.6	21.1	1	8270C	12/18/2017	12/21/2017	MJR	5
2,4-Dinitrophenol	< 12	ug/kg	12	38	1	8270C	12/18/2017	12/21/2017	MJR	1
2,6-Dinitrotoluene	< 7.4	ug/kg	7.4	23.5	1	8270C	12/18/2017	12/21/2017	MJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032Q  
**Sample ID** 6306-WS-9 5-6  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
2,4-Dinitrotoluene	< 8.4	ug/kg	8.4	26.7	1	8270C	12/18/2017	12/21/2017	MJR	1
Di-n-octyl phthalate	< 11	ug/kg	11	36	1	8270C	12/18/2017	12/21/2017	MJR	1
Diphenylamine	< 9.3	ug/kg	9.3	29.7	1	8270C	12/18/2017	12/21/2017	MJR	1
Fluoranthene	< 8.9	ug/kg	8.9	28.4	1	8270C	12/18/2017	12/21/2017	MJR	1
Fluorene	< 10	ug/kg	10	33	1	8270C	12/18/2017	12/21/2017	MJR	1
Hexachlorobenzene	< 17	ug/kg	17	54	1	8270C	12/18/2017	12/21/2017	MJR	1
Hexachlorobutadiene	< 22	ug/kg	22	69	1	8270C	12/18/2017	12/21/2017	MJR	1
Hexachlorocyclopentadiene	< 20	ug/kg	20	64	1	8270C	12/18/2017	12/21/2017	MJR	1
Hexachloroethane	< 6.4	ug/kg	6.4	20	1	8270C	12/18/2017	12/21/2017	MJR	1
Indeno(1,2,3-cd)pyrene	< 17	ug/kg	17	53	1	8270C	12/18/2017	12/21/2017	MJR	1
Isophorone	< 11.1	ug/kg	11.1	35.3	1	8270C	12/18/2017	12/21/2017	MJR	1
1-Methyl naphthalene	< 10.5	ug/kg	10.5	33.4	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Methyl naphthalene	< 8.2	ug/kg	8.2	26.2	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Methyl-4,6-dinitrophenol	< 41.9	ug/kg	41.9	133	1	8270C	12/18/2017	12/21/2017	MJR	1
Naphthalene	< 8.8	ug/kg	8.8	28	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Nitroaniline	< 10	ug/kg	10	31.8	1	8270C	12/18/2017	12/21/2017	MJR	1
3-Nitroaniline	< 30.1	ug/kg	30.1	95.8	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Nitroaniline	< 30.5	ug/kg	30.5	97.1	1	8270C	12/18/2017	12/21/2017	MJR	1
Nitrobenzene	< 10.6	ug/kg	10.6	33.7	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Nitrophenol	< 7.3	ug/kg	7.3	23.1	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Nitrophenol	< 25.5	ug/kg	25.5	81.1	1	8270C	12/18/2017	12/21/2017	MJR	1
n-Nitrosodimethylamine	< 12.2	ug/kg	12.2	38.9	1	8270C	12/18/2017	12/21/2017	MJR	1
n-Nitrosodi-n-propylamine	< 13.6	ug/kg	13.6	43.1	1	8270C	12/18/2017	12/21/2017	MJR	1
Pentachlorophenol (PCP)	< 31	ug/kg	31	99	1	8270C	12/18/2017	12/21/2017	MJR	1
Phenanthrene	< 11	ug/kg	11	35	1	8270C	12/18/2017	12/21/2017	MJR	1
Phenol	< 9.6	ug/kg	9.6	30.4	1	8270C	12/18/2017	12/21/2017	MJR	1
Pyrene	< 14	ug/kg	14	43	1	8270C	12/18/2017	12/21/2017	MJR	1
Pyridine	< 9.2	ug/kg	9.2	29.3	1	8270C	12/18/2017	12/21/2017	MJR	1
2,3,4,6-Tetrachlorophenol	< 16.7	ug/kg	16.7	53.1	1	8270C	12/18/2017	12/21/2017	MJR	1
1,2,4-Trichlorobenzene	< 16	ug/kg	16	51	1	8270C	12/18/2017	12/21/2017	MJR	1
2,4,5-Trichlorophenol	< 14.5	ug/kg	14.5	46.1	1	8270C	12/18/2017	12/21/2017	MJR	1
2,4,6-Trichlorophenol	< 17	ug/kg	17	53	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Fluorobiphenyl-surrogate	70	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
2-Fluorophenol-surrogate	75.0	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
Nitrobenzene-d5-surrogate	63	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
Phenol-d6-surrogate	54	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
p-Terphenyl-d14-surrogate	75	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
2,4,6-Tribromophenol-surrogate	63	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
<b>VOC's</b>										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/22/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/22/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/22/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/22/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/22/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/22/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/22/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/22/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/22/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/22/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/22/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/22/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032Q  
**Sample ID** 6306-WS-9 5-6  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B	12/22/2017	12/22/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B	12/22/2017	12/22/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B	12/22/2017	12/22/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B	12/22/2017	12/22/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B	12/22/2017	12/22/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B	12/22/2017	12/22/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B	12/22/2017	12/22/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B	12/22/2017	12/22/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B	12/22/2017	12/22/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B	12/22/2017	12/22/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/22/2017	12/22/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B	12/22/2017	12/22/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B	12/22/2017	12/22/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B	12/22/2017	12/22/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B	12/22/2017	12/22/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B	12/22/2017	12/22/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B	12/22/2017	12/22/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B	12/22/2017	12/22/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B	12/22/2017	12/22/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B	12/22/2017	12/22/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B	12/22/2017	12/22/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B	12/22/2017	12/22/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B	12/22/2017	12/22/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B	12/22/2017	12/22/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B	12/22/2017	12/22/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B	12/22/2017	12/22/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B	12/22/2017	12/22/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B	12/22/2017	12/22/2017	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/22/2017	12/22/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/22/2017	12/22/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B	12/22/2017	12/22/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B	12/22/2017	12/22/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B	12/22/2017	12/22/2017	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	12/22/2017	12/22/2017	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B	12/22/2017	12/22/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B	12/22/2017	12/22/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B	12/22/2017	12/22/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/22/2017	12/22/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B	12/22/2017	12/22/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B	12/22/2017	12/22/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	105	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - 4-Bromofluorobenzene	101	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - Dibromofluoromethane	100	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - Toluene-d8	103	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1



Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032R  
 Sample ID 6306-WS-10 0-1  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.6	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/22/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/22/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/22/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/22/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/22/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/22/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/22/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/22/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/22/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/22/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/22/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/22/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/22/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/22/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/22/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/22/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/22/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/22/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/22/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/22/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/22/2017	CJR	1
1,1-Dichloroethene	0.0293 "J"	mg/kg	0.022	0.069	1	8260B		12/22/2017	CJR	1
cis-1,2-Dichloroethene	0.093 "J"	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
trans-1,2-Dichloroethene	0.115	mg/kg	0.028	0.09	1	8260B		12/22/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/22/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/22/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/22/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/22/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/22/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/22/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/22/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/22/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/22/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/22/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/22/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/22/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/22/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/22/2017	CJR	1
Tetrachloroethene	2.56	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/22/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/22/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/22/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032R  
**Sample ID** 6306-WS-10 0-1  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	12/22/2017	12/22/2017	CJR	1
Trichloroethene (TCE)	1.65	mg/kg	0.041	0.13	1	8260B	12/22/2017	12/22/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B	12/22/2017	12/22/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B	12/22/2017	12/22/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/22/2017	12/22/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B	12/22/2017	12/22/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B	12/22/2017	12/22/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - Dibromofluoromethane	101	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - Toluene-d8	102	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - 4-Bromofluorobenzene	97	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032S  
 Sample ID 6306-WS-11 1-2  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.3	%			1	5021		12/13/2017	NJC	1
Inorganic										
Metals										
Arsenic, Total	9.06	mg/kg	0.65	2.17	1	7471		12/19/2017	ESC	1
Barium, Total	36.0	mg/kg	0.17	0.567	1	7471		12/19/2017	ESC	1
Cadmium, Total	0.100 "J"	mg/kg	0.07	0.233	1	7471		12/19/2017	ESC	1
Chromium, Total	18.3	mg/kg	0.14	0.467	1	7471		12/19/2017	ESC	1
Lead, Total	14.4	mg/kg	0.19	0.633	1	7471		12/19/2017	ESC	1
Mercury, Total	0.0243	mg/kg	0.0028	0.0093	1	7471		12/19/2017	ESC	5
Selenium, Total	1.22 "J"	mg/kg	0.74	2.47	1	7471		12/19/2017	ESC	1
Silver, Total	< 0.28	mg/kg	0.28	0.933	1	7471		12/19/2017	ESC	1
Organic										
Semi Volatiles										
Acetophenone	< 17.8	ug/kg	17.8	56.5	1	8270C	12/18/2017	12/21/2017	MJR	1
Acenaphthene	< 11	ug/kg	11	36	1	8270C	12/18/2017	12/21/2017	MJR	1
Acenaphthylene	< 7.9	ug/kg	7.9	25	1	8270C	12/18/2017	12/21/2017	MJR	1
Anthracene	< 13	ug/kg	13	40	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(a)anthracene	< 9	ug/kg	9	29	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(a)pyrene	< 13	ug/kg	13	43	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(b)fluoranthene	< 10	ug/kg	10	32	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(g,h,i)perylene	< 12	ug/kg	12	39	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzo(k)fluoranthene	< 10.5	ug/kg	10.5	33.3	1	8270C	12/18/2017	12/21/2017	MJR	1
Benzyl Alcohol	< 7.9	ug/kg	7.9	25	1	8270C	12/18/2017	12/21/2017	MJR	1
Butyl benzyl phthalate	< 11	ug/kg	11	36	1	8270C	12/18/2017	12/21/2017	MJR	1
Bis(2-chloroethoxy)methane	< 7.7	ug/kg	7.7	24.6	1	8270C	12/18/2017	12/21/2017	MJR	1
Bis(2-chloroethyl)ether	< 13.2	ug/kg	13.2	41.9	1	8270C	12/18/2017	12/21/2017	MJR	1
Bis(2-chloroisopropyl)ether	< 7.9	ug/kg	7.9	25.2	1	8270C	12/18/2017	12/21/2017	MJR	1
Bis(2-ethylhexyl)phthalate	< 40.5	ug/kg	40.5	129	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Bromophenylphenyl ether	< 27	ug/kg	27	87	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Chloro-3-methylphenol	< 24	ug/kg	24	77	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Chloronaphthalene	< 13	ug/kg	13	42	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Chlorophenol	< 9.4	ug/kg	9.4	30	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Chlorophenylphenyl ether	< 7.2	ug/kg	7.2	23	1	8270C	12/18/2017	12/21/2017	MJR	1
Chrysene	< 6.5	ug/kg	6.5	20.6	1	8270C	12/18/2017	12/21/2017	MJR	1
o-Cresol	< 27	ug/kg	27	84	1	8270C	12/18/2017	12/21/2017	MJR	1
m & p-Cresol	< 29	ug/kg	29	95	1	8270C	12/18/2017	12/21/2017	MJR	1
Dibenzofuran	< 7.3	ug/kg	7.3	23	1	8270C	12/18/2017	12/21/2017	MJR	1
Dibenzo(a,h)anthracene	< 19	ug/kg	19	60	1	8270C	12/18/2017	12/21/2017	MJR	1
1,4-Dichlorobenzene	< 9.4	ug/kg	9.4	30	1	8270C	12/18/2017	12/21/2017	MJR	1
1,3-Dichlorobenzene	< 8.5	ug/kg	8.5	26.9	1	8270C	12/18/2017	12/21/2017	MJR	1
1,2-Dichlorobenzene	< 9.2	ug/kg	9.2	29.3	1	8270C	12/18/2017	12/21/2017	MJR	1
3,3'-Dichlorobenzidine	< 7.2	ug/kg	7.2	22.8	1	8270C	12/18/2017	12/21/2017	MJR	1
2,4-Dichlorophenol	< 17.1	ug/kg	17.1	54.5	1	8270C	12/18/2017	12/21/2017	MJR	1
Diethyl phthalate	< 6.8	ug/kg	6.8	21.7	1	8270C	12/18/2017	12/21/2017	MJR	1
Dimethyl phthalate	< 9.5	ug/kg	9.5	30	1	8270C	12/18/2017	12/21/2017	MJR	1
2,4-Dimethylphenol	< 11.3	ug/kg	11.3	35.9	1	8270C	12/18/2017	12/21/2017	MJR	1
Di-n-butyl phthalate	< 6.6	ug/kg	6.6	21.1	1	8270C	12/18/2017	12/21/2017	MJR	5
2,4-Dinitrophenol	< 12	ug/kg	12	38	1	8270C	12/18/2017	12/21/2017	MJR	1
2,6-Dinitrotoluene	< 7.4	ug/kg	7.4	23.5	1	8270C	12/18/2017	12/21/2017	MJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032S  
**Sample ID** 6306-WS-11 1-2  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
2,4-Dinitrotoluene	< 8.4	ug/kg	8.4	26.7	1	8270C	12/18/2017	12/21/2017	MJR	1
Di-n-octyl phthalate	< 11	ug/kg	11	36	1	8270C	12/18/2017	12/21/2017	MJR	1
Diphenylamine	< 9.3	ug/kg	9.3	29.7	1	8270C	12/18/2017	12/21/2017	MJR	1
Fluoranthene	< 8.9	ug/kg	8.9	28.4	1	8270C	12/18/2017	12/21/2017	MJR	1
Fluorene	< 10	ug/kg	10	33	1	8270C	12/18/2017	12/21/2017	MJR	1
Hexachlorobenzene	< 17	ug/kg	17	54	1	8270C	12/18/2017	12/21/2017	MJR	1
Hexachlorobutadiene	< 22	ug/kg	22	69	1	8270C	12/18/2017	12/21/2017	MJR	1
Hexachlorocyclopentadiene	< 20	ug/kg	20	64	1	8270C	12/18/2017	12/21/2017	MJR	1
Hexachloroethane	< 6.4	ug/kg	6.4	20	1	8270C	12/18/2017	12/21/2017	MJR	1
Indeno(1,2,3-cd)pyrene	< 17	ug/kg	17	53	1	8270C	12/18/2017	12/21/2017	MJR	1
Isophorone	< 11.1	ug/kg	11.1	35.3	1	8270C	12/18/2017	12/21/2017	MJR	1
1-Methyl naphthalene	< 10.5	ug/kg	10.5	33.4	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Methyl naphthalene	< 8.2	ug/kg	8.2	26.2	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Methyl-4,6-dinitrophenol	< 41.9	ug/kg	41.9	133	1	8270C	12/18/2017	12/21/2017	MJR	1
Naphthalene	< 8.8	ug/kg	8.8	28	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Nitroaniline	< 10	ug/kg	10	31.8	1	8270C	12/18/2017	12/21/2017	MJR	1
3-Nitroaniline	< 30.1	ug/kg	30.1	95.8	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Nitroaniline	< 30.5	ug/kg	30.5	97.1	1	8270C	12/18/2017	12/21/2017	MJR	1
Nitrobenzene	< 10.6	ug/kg	10.6	33.7	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Nitrophenol	< 7.3	ug/kg	7.3	23.1	1	8270C	12/18/2017	12/21/2017	MJR	1
4-Nitrophenol	< 25.5	ug/kg	25.5	81.1	1	8270C	12/18/2017	12/21/2017	MJR	1
n-Nitrosodimethylamine	< 12.2	ug/kg	12.2	38.9	1	8270C	12/18/2017	12/21/2017	MJR	1
n-Nitrosodi-n-propylamine	< 13.6	ug/kg	13.6	43.1	1	8270C	12/18/2017	12/21/2017	MJR	1
Pentachlorophenol (PCP)	< 31	ug/kg	31	99	1	8270C	12/18/2017	12/21/2017	MJR	1
Phenanthrene	< 11	ug/kg	11	35	1	8270C	12/18/2017	12/21/2017	MJR	1
Phenol	< 9.6	ug/kg	9.6	30.4	1	8270C	12/18/2017	12/21/2017	MJR	1
Pyrene	< 14	ug/kg	14	43	1	8270C	12/18/2017	12/21/2017	MJR	1
Pyridine	< 9.2	ug/kg	9.2	29.3	1	8270C	12/18/2017	12/21/2017	MJR	1
2,3,4,6-Tetrachlorophenol	< 16.7	ug/kg	16.7	53.1	1	8270C	12/18/2017	12/21/2017	MJR	1
1,2,4-Trichlorobenzene	< 16	ug/kg	16	51	1	8270C	12/18/2017	12/21/2017	MJR	1
2,4,5-Trichlorophenol	< 14.5	ug/kg	14.5	46.1	1	8270C	12/18/2017	12/21/2017	MJR	1
2,4,6-Trichlorophenol	< 17	ug/kg	17	53	1	8270C	12/18/2017	12/21/2017	MJR	1
2-Fluorobiphenyl-surrogate	69	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
2-Fluorophenol-surrogate	77.0	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
Nitrobenzene-d5-surrogate	60	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
Phenol-d6-surrogate	56	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
p-Terphenyl-d14-surrogate	80	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
2,4,6-Tribromophenol-surrogate	70	REC %			1	8270C	12/18/2017	12/21/2017	MJR	1
<b>VOC's</b>										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/22/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/22/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/22/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/22/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/22/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/22/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/22/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/22/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/22/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/22/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/22/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/22/2017	CJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032S  
 Sample ID 6306-WS-11 1-2  
 Sample Matrix Soil  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/22/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/22/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/22/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/22/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/22/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/22/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/22/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/22/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/22/2017	CJR	1
1,1-Dichloroethene	0.0289 "J"	mg/kg	0.022	0.069	1	8260B		12/22/2017	CJR	1
cis-1,2-Dichloroethene	0.038 "J"	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/22/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/22/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/22/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/22/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/22/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/22/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/22/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/22/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/22/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/22/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/22/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/22/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/22/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/22/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/22/2017	CJR	1
Tetrachloroethene	17.7	mg/kg	0.32		10	8260B		12/26/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/22/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/22/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/22/2017	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/22/2017	CJR	1
Trichloroethene (TCE)	1.59	mg/kg	0.041	0.13	1	8260B		12/22/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		12/22/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		12/22/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		12/22/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		12/22/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		12/22/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	113	Rec %			1	8260B		12/22/2017	CJR	1
SUR - 4-Bromofluorobenzene	99	Rec %			1	8260B		12/22/2017	CJR	1
SUR - Dibromofluoromethane	102	Rec %			1	8260B		12/22/2017	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		12/22/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032T  
**Sample ID** 6306-WS-11 5-6  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.2	%			1	5021		12/13/2017	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/22/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/22/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/22/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/22/2017	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/22/2017	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/22/2017	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/22/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/22/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/22/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/22/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/22/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/22/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/22/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/22/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/22/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/22/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/22/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/22/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/22/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/22/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/22/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/22/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/22/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/22/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/22/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/22/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/22/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/22/2017	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/22/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/22/2017	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/22/2017	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/22/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/22/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/22/2017	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/22/2017	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/22/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/22/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/22/2017	CJR	1
Tetrachloroethene	0.42	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/22/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/22/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/22/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/22/2017	CJR	1

**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032T  
**Sample ID** 6306-WS-11 5-6  
**Sample Matrix** Soil  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	12/22/2017	12/22/2017	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B	12/22/2017	12/22/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B	12/22/2017	12/22/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B	12/22/2017	12/22/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B	12/22/2017	12/22/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B	12/22/2017	12/22/2017	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B	12/22/2017	12/22/2017	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - Toluene-d8	102	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - Dibromofluoromethane	101	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	102	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1
SUR - 4-Bromofluorobenzene	99	Rec %			1	8260B	12/22/2017	12/22/2017	CJR	1

Project Name PACKARD WAY LTD  
 Project # 6306 PO#2017-1772

Invoice # E34032

Lab Code 5034032U  
 Sample ID 6306-SUMP  
 Sample Matrix Water  
 Sample Date 12/7/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 8.5	ug/l	8.5	27.5	50	8260B		12/14/2017	CJR	1
Bromobenzene	< 21.5	ug/l	21.5	68.5	50	8260B		12/14/2017	CJR	1
Bromodichloromethane	< 15.5	ug/l	15.5	50	50	8260B		12/14/2017	CJR	1
Bromoform	< 24.5	ug/l	24.5	78	50	8260B		12/14/2017	CJR	1
tert-Butylbenzene	< 19.5	ug/l	19.5	61.5	50	8260B		12/14/2017	CJR	1
sec-Butylbenzene	< 12	ug/l	12	38	50	8260B		12/14/2017	CJR	1
n-Butylbenzene	< 17	ug/l	17	54	50	8260B		12/14/2017	CJR	1
Carbon Tetrachloride	< 10.5	ug/l	10.5	34	50	8260B		12/14/2017	CJR	1
Chlorobenzene	< 13.5	ug/l	13.5	43	50	8260B		12/14/2017	CJR	1
Chloroethane	< 25	ug/l	25	80	50	8260B		12/14/2017	CJR	1
Chloroform	< 48	ug/l	48	152	50	8260B		12/14/2017	CJR	1
Chloromethane	< 65	ug/l	65	207.5	50	8260B		12/14/2017	CJR	1
2-Chlorotoluene	< 18	ug/l	18	57.5	50	8260B		12/14/2017	CJR	1
4-Chlorotoluene	< 17.5	ug/l	17.5	55.5	50	8260B		12/14/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 94	ug/l	94	299	50	8260B		12/14/2017	CJR	1
Dibromochloromethane	< 22.5	ug/l	22.5	72	50	8260B		12/14/2017	CJR	1
1,4-Dichlorobenzene	< 21	ug/l	21	67	50	8260B		12/14/2017	CJR	1
1,3-Dichlorobenzene	< 22.5	ug/l	22.5	71.5	50	8260B		12/14/2017	CJR	1
1,2-Dichlorobenzene	< 17	ug/l	17	54.5	50	8260B		12/14/2017	CJR	1
Dichlorodifluoromethane	< 19	ug/l	19	60	50	8260B		12/14/2017	CJR	1
1,2-Dichloroethane	< 22.5	ug/l	22.5	71.5	50	8260B		12/14/2017	CJR	1
1,1-Dichloroethane	< 21	ug/l	21	67	50	8260B		12/14/2017	CJR	1
1,1-Dichloroethene	< 23	ug/l	23	73.5	50	8260B		12/14/2017	CJR	1
cis-1,2-Dichloroethene	21.5 "J"	ug/l	20.5	64.5	50	8260B		12/14/2017	CJR	1
trans-1,2-Dichloroethene	< 17.5	ug/l	17.5	56	50	8260B		12/14/2017	CJR	1
1,2-Dichloropropane	< 19.5	ug/l	19.5	62	50	8260B		12/14/2017	CJR	1
1,3-Dichloropropane	< 24.5	ug/l	24.5	77.5	50	8260B		12/14/2017	CJR	1
trans-1,3-Dichloropropene	< 21	ug/l	21	66.5	50	8260B		12/14/2017	CJR	1
cis-1,3-Dichloropropene	< 10.5	ug/l	10.5	32.5	50	8260B		12/14/2017	CJR	1
Di-isopropyl ether	< 13	ug/l	13	41.5	50	8260B		12/14/2017	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/l	17	54.5	50	8260B		12/14/2017	CJR	1
Ethylbenzene	< 10	ug/l	10	31.5	50	8260B		12/14/2017	CJR	1
Hexachlorobutadiene	< 73.5	ug/l	73.5	234	50	8260B		12/14/2017	CJR	1
Isopropylbenzene	< 14.5	ug/l	14.5	46.5	50	8260B		12/14/2017	CJR	1
p-Isopropyltoluene	< 14	ug/l	14	45.5	50	8260B		12/14/2017	CJR	1
Methylene chloride	< 47	ug/l	47	149	50	8260B		12/14/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 41	ug/l	41	130	50	8260B		12/14/2017	CJR	1
Naphthalene	< 108.5	ug/l	108.5	345	50	8260B		12/14/2017	CJR	1
n-Propylbenzene	< 9.5	ug/l	9.5	31	50	8260B		12/14/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 34.5	ug/l	34.5	110.5	50	8260B		12/14/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 23.5	ug/l	23.5	74	50	8260B		12/14/2017	CJR	1
Tetrachloroethene	3700	ug/l	24	76	50	8260B		12/14/2017	CJR	1
Toluene	< 33.5	ug/l	33.5	106.5	50	8260B		12/14/2017	CJR	1
1,2,4-Trichlorobenzene	< 64.5	ug/l	64.5	205	50	8260B		12/14/2017	CJR	1
1,2,3-Trichlorobenzene	< 41.5	ug/l	41.5	131.5	50	8260B		12/14/2017	CJR	1
1,1,1-Trichloroethane	< 17.5	ug/l	17.5	55.5	50	8260B		12/14/2017	CJR	1
1,1,2-Trichloroethane	< 32.5	ug/l	32.5	103	50	8260B		12/14/2017	CJR	1
Trichloroethene (TCE)	51 "J"	ug/l	22.5	71.5	50	8260B		12/14/2017	CJR	1
Trichlorofluoromethane	< 32	ug/l	32	102	50	8260B		12/14/2017	CJR	1
1,2,4-Trimethylbenzene	< 57	ug/l	57	181.5	50	8260B		12/14/2017	CJR	1



**Project Name** PACKARD WAY LTD  
**Project #** 6306 PO#2017-1772

**Invoice #** E34032

**Lab Code** 5034032U  
**Sample ID** 6306-SUMP  
**Sample Matrix** Water  
**Sample Date** 12/7/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 45.5	ug/l	45.5	145	50	8260B	12/14/2017	12/14/2017	CJR	1
Vinyl Chloride	< 9.5	ug/l	9.5	31	50	8260B	12/14/2017	12/14/2017	CJR	1
m&p-Xylene	< 78	ug/l	78	247.5	50	8260B	12/14/2017	12/14/2017	CJR	1
o-Xylene	< 19.5	ug/l	19.5	62.5	50	8260B	12/14/2017	12/14/2017	CJR	1
SUR - Toluene-d8	98	REC %			50	8260B	12/14/2017	12/14/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	105	REC %			50	8260B	12/14/2017	12/14/2017	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			50	8260B	12/14/2017	12/14/2017	CJR	1
SUR - Dibromofluoromethane	108	REC %			50	8260B	12/14/2017	12/14/2017	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

***Code***      ***Comment***

- 1      Laboratory QC within limits.
- 5      The QC blank not within established limits.

ESC denotes sub contract lab - Certification #998093910

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

**Authorized Signature**

PO#2017-1772

## Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914  
920-830-2455 • FAX 920-733-0631

**Sample Handling Request**  
Rush Analysis Date Required \_\_\_\_\_  
(Rushes accepted only with prior authorization)  
 Normal Turn Around

Lab I.D. # \_\_\_\_\_

Account No. : \_\_\_\_\_ Quote No.:

Project #: 6306

Sampler: (signature) [Signature]

Project (Name / Location): Packard Way Ltd / Cudahy

Reports To: K. Vander Heiden Invoice To: K. Heinstead

Company Enviro Forensics, LLC Company \_\_\_\_\_

Address Milwaukee, State Ridge Dr Suite 6 Address \_\_\_\_\_

City State Zip Waukesha, WI 53188 City State Zip \_\_\_\_\_

Phone 312-972-7870 Phone \_\_\_\_\_

FAX \_\_\_\_\_ FAX \_\_\_\_\_

**Analysis Requested**

**Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	SVOC	TCLP VOC	PID/ FID
A	6306-WS-1(S-6)	12/7	1114		X	N	6	S	MeOH													X	X	X		
B	6306-WS-1(Q-10)	12/7	1043		X	N	2	S	MeOH													X	X	X		
C	6306-WS-2(Z-3)	12/7	1045		X	N	2	S	MeOH													X	X	X		
D	6306-WS-2(Q-10)	12/7	1044		X	N	2	S	MeOH													X	X	X		
E	6306-WS-3(O-1)	12/7	1048		X	N	2	S	MeOH													X	X	X		
F	6306-WS-3(Q-10)	12/7	1047		X	N	2	S	MeOH													X	X	X		
G	6306-WS-4(8-9)	12/7	1118		X	N	2	S	MeOH													X	X	X		
H	6306-WS-4(Q-10)	12/7	1053		X	N	2	S	MeOH													X	X	X		
I	6306-WS-5(S-6)	12/7	1057		X	N	2	S	MeOH													X	X	X		
J	6306-WS-5(Q-10)	12/7	1055		X	N	2	S	MeOH													X	X	X		

Comments/Special Instructions ('Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

**Please HOLD ALL TCLP-VOC samples pending analysis**

*Double check you 12/12/17*

Sample Integrity - To be completed by receiving lab.

Method of Shipment: GC

Temp. of Temp. Blank \_\_\_\_\_ °C On Ice:

Cooler seal intact upon receipt:  Yes \_\_\_\_\_ No

Relinquished By: (sign) [Signature]

Time 1630 Date 12/7/17

Received By: (sign) \_\_\_\_\_

Time \_\_\_\_\_ Date \_\_\_\_\_

Received in Laboratory By: [Signature]

Time: 8:00

Date: 12/12/17

## Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914  
920-830-2455 • FAX 920-733-0631

**Sample Handling Request**  
Rush Analysis Date Required \_\_\_\_\_  
(Rushes accepted only with prior authorization)  
 Normal Turn Around

Quote No.:

Account No.: **6306**

Project #: **6306**

Sampler: (signature) *[Signature]*

Project (Name / Location): **Packard Way Ltd.**

Reports To: **K. Vander Heiden**

Company: **EnviroForensics, LLC**

Address: **116 W23390 Stearns Ridge Dr Suite 6**

City/State/Zip: **Waukesha, WI 53188**

Phone: **317-972-7870**

FAX:

Invoice To: **K. Heimstead**

Company:

Address:

City/State/Zip:

Phone:

FAX:

Analysis Requested

Other Analysis

DRO (Mod DRO Sep 95)	
GRO (Mod GRO Sep 95)	
LEAD	
NITRATE/NITRITE	
OIL & GREASE	
PAH (EPA 8270)	
PCB	
PVOC (EPA 8021)	
PVOC + NAPHTHALENE	
SULFATE	
TOTAL SUSPENDED SOLIDS	
VOC DW (EPA 542.2)	
VOC (EPA 8260)	
8-RCRA METALS	
SVOC	
TECP VOC	

PID/  
FID

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
5034052									
K	6306-6 (6-7)	12/7	1102		X	N	2	S	MeOH
L	6306-6 (9-10)	12/7	1059		X	N	2	S	MeOH
M	6306-7 (6-7)	12/7	1104		X	N	2	S	MeOH
N	6306-7 (9-10)	12/7	1103		X	N	2	S	MeOH
O	6306-8 (3-4)	12/7	1100		X	N	2	S	MeOH
P	6306-9 (10-1)	12/7	1407		X	N	2	S	MeOH
Q	6306-9 (5-6)	12/7	1409		X	N	5	S	MeOH
R	6306-10 (6-1)	12/7	1413		X	N	2	S	MeOH
S	6306-11 (1-2)	12/7	1415		X	N	2	S	MeOH
T	6306-11 (5-6)	12/7	1417		X	N	2	S	MeOH

Comments/Special Instructions (\*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

**Please HOLD ALL TELP-VOC samples pending analysis**

*data begins 12/13/17*

Sample Integrity - To be completed by receiving lab.

Method of Shipment: GR

Temp. of Temp. Blank:      °C On Ice:

Cooler seal intact upon receipt:  Yes  No

Relinquished By: (sign) *[Signature]*

*[Signature]*

Time

1630

Date

12/17/17

Received By: (sign)

Time

Date

Received in Laboratory By:

*[Signature]*

Time:

8:00

Date:

12/13/17



# Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 \*P 920-830-2455 \* F 920-733-0631

ROB HOVERMAN  
ENVIROFORENSICS  
825 N. CAPITOL AVENUE  
INDIANAPOLIS, IN 46204

Report Date 09-Feb-18

Project Name FMR PACKARD WAY CLEANERS  
Project # 6306 PO#2018-0154

Invoice # E34193

Lab Code 5034193A  
Sample ID 6306-MW-1  
Sample Matrix Water  
Sample Date 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B	2/2/2018	2/2/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B	2/2/2018	2/2/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B	2/2/2018	2/2/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B	2/2/2018	2/2/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	2/2/2018	2/2/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B	2/2/2018	2/2/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B	2/2/2018	2/2/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B	2/2/2018	2/2/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B	2/2/2018	2/2/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B	2/2/2018	2/2/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B	2/2/2018	2/2/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B	2/2/2018	2/2/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B	2/2/2018	2/2/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B	2/2/2018	2/2/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B	2/2/2018	2/2/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B	2/2/2018	2/2/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B	2/2/2018	2/2/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B	2/2/2018	2/2/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B	2/2/2018	2/2/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B	2/2/2018	2/2/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B	2/2/2018	2/2/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B	2/2/2018	2/2/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B	2/2/2018	2/2/2018	CJR	1
cis-1,2-Dichloroethene	26.4	ug/l	0.37	1.16	1	8260B	2/2/2018	2/2/2018	CJR	1
trans-1,2-Dichloroethene	1.58	ug/l	0.34	1.07	1	8260B	2/2/2018	2/2/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B	2/2/2018	2/2/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B	2/2/2018	2/2/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B	2/2/2018	2/2/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B	2/2/2018	2/2/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193A  
**Sample ID** 6306-MW-1  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B	2/2/2018	2/2/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B	2/2/2018	2/2/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B	2/2/2018	2/2/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B	2/2/2018	2/2/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B	2/2/2018	2/2/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B	2/2/2018	2/2/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B	2/2/2018	2/2/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B	2/2/2018	2/2/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B	2/2/2018	2/2/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B	2/2/2018	2/2/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B	2/2/2018	2/2/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B	2/2/2018	2/2/2018	CJR	1
Tetrachloroethene	91	ug/l	0.38	1.21	1	8260B	2/2/2018	2/2/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B	2/2/2018	2/2/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B	2/2/2018	2/2/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B	2/2/2018	2/2/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B	2/2/2018	2/2/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B	2/2/2018	2/2/2018	CJR	1
Trichloroethene (TCE)	13.4	ug/l	0.3	0.94	1	8260B	2/2/2018	2/2/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B	2/2/2018	2/2/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B	2/2/2018	2/2/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B	2/2/2018	2/2/2018	CJR	1
Vinyl Chloride	1.16	ug/l	0.2	0.65	1	8260B	2/2/2018	2/2/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B	2/2/2018	2/2/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B	2/2/2018	2/2/2018	CJR	1
SUR - Toluene-d8	96	REC %			1	8260B	2/2/2018	2/2/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B	2/2/2018	2/2/2018	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B	2/2/2018	2/2/2018	CJR	1
SUR - Dibromofluoromethane	105	REC %			1	8260B	2/2/2018	2/2/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193B  
**Sample ID** 6306-MW-2  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 2.2	ug/l	2.2	7.1	10	8260B		2/3/2018	CJR	1
Bromobenzene	< 4.4	ug/l	4.4	13.8	10	8260B		2/3/2018	CJR	1
Bromodichloromethane	< 3.3	ug/l	3.3	10.6	10	8260B		2/3/2018	CJR	1
Bromoform	< 4.5	ug/l	4.5	14.4	10	8260B		2/3/2018	CJR	1
tert-Butylbenzene	< 2.5	ug/l	2.5	8	10	8260B		2/3/2018	CJR	1
sec-Butylbenzene	< 7.9	ug/l	7.9	25.3	10	8260B		2/3/2018	CJR	1
n-Butylbenzene	< 7.1	ug/l	7.1	22.5	10	8260B		2/3/2018	CJR	1
Carbon Tetrachloride	< 3.1	ug/l	3.1	9.8	10	8260B		2/3/2018	CJR	1
Chlorobenzene	< 2.6	ug/l	2.6	8.3	10	8260B		2/3/2018	CJR	1
Chloroethane	< 6.1	ug/l	6.1	19.5	10	8260B		2/3/2018	CJR	1
Chloroform	< 2.6	ug/l	2.6	8.2	10	8260B		2/3/2018	CJR	1
Chloromethane	< 5.4	ug/l	5.4	17.2	10	8260B		2/3/2018	CJR	1
2-Chlorotoluene	< 3.1	ug/l	3.1	9.8	10	8260B		2/3/2018	CJR	1
4-Chlorotoluene	< 2.6	ug/l	2.6	8.3	10	8260B		2/3/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 29.6	ug/l	29.6	94.3	10	8260B		2/3/2018	CJR	1
Dibromochloromethane	< 2.2	ug/l	2.2	6.9	10	8260B		2/3/2018	CJR	1
1,4-Dichlorobenzene	< 7	ug/l	7	22.2	10	8260B		2/3/2018	CJR	1
1,3-Dichlorobenzene	< 8.5	ug/l	8.5	27	10	8260B		2/3/2018	CJR	1
1,2-Dichlorobenzene	< 8.6	ug/l	8.6	27.4	10	8260B		2/3/2018	CJR	1
Dichlorodifluoromethane	< 3.2	ug/l	3.2	10.2	10	8260B		2/3/2018	CJR	1
1,2-Dichloroethane	< 2.5	ug/l	2.5	7.8	10	8260B		2/3/2018	CJR	1
1,1-Dichloroethane	< 3.6	ug/l	3.6	11.4	10	8260B		2/3/2018	CJR	1
1,1-Dichloroethene	< 4.2	ug/l	4.2	13.4	10	8260B		2/3/2018	CJR	1
cis-1,2-Dichloroethene	370	ug/l	3.7	11.6	10	8260B		2/3/2018	CJR	1
trans-1,2-Dichloroethene	19.9	ug/l	3.4	10.7	10	8260B		2/3/2018	CJR	1
1,2-Dichloropropane	< 4.4	ug/l	4.4	13.9	10	8260B		2/3/2018	CJR	1
1,3-Dichloropropane	< 3	ug/l	3	9.4	10	8260B		2/3/2018	CJR	1
trans-1,3-Dichloropropene	< 3.2	ug/l	3.2	10.1	10	8260B		2/3/2018	CJR	1
cis-1,3-Dichloropropene	< 2.6	ug/l	2.6	8.1	10	8260B		2/3/2018	CJR	1
Di-isopropyl ether	< 2.1	ug/l	2.1	6.6	10	8260B		2/3/2018	CJR	1
EDB (1,2-Dibromoethane)	< 3.4	ug/l	3.4	10.9	10	8260B		2/3/2018	CJR	1
Ethylbenzene	< 2.6	ug/l	2.6	8.3	10	8260B		2/3/2018	CJR	1
Hexachlorobutadiene	< 13.4	ug/l	13.4	42.8	10	8260B		2/3/2018	CJR	1
Isopropylbenzene	< 7.8	ug/l	7.8	24.7	10	8260B		2/3/2018	CJR	1
p-Isopropyltoluene	< 2.4	ug/l	2.4	7.6	10	8260B		2/3/2018	CJR	1
Methylene chloride	< 13.2	ug/l	13.2	42.1	10	8260B		2/3/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 2.8	ug/l	2.8	8.9	10	8260B		2/3/2018	CJR	1
Naphthalene	< 21	ug/l	21	66.5	10	8260B		2/3/2018	CJR	1
n-Propylbenzene	< 6.1	ug/l	6.1	19.5	10	8260B		2/3/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 3	ug/l	3	9.7	10	8260B		2/3/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 3.5	ug/l	3.5	11.3	10	8260B		2/3/2018	CJR	1
Tetrachloroethene	138	ug/l	3.8	12.1	10	8260B		2/3/2018	CJR	1
Toluene	< 1.9	ug/l	1.9	6	10	8260B		2/3/2018	CJR	1
1,2,4-Trichlorobenzene	< 11.5	ug/l	11.5	36.7	10	8260B		2/3/2018	CJR	1
1,2,3-Trichlorobenzene	< 17.1	ug/l	17.1	54.3	10	8260B		2/3/2018	CJR	1
1,1,1-Trichloroethane	< 3.3	ug/l	3.3	10.5	10	8260B		2/3/2018	CJR	1
1,1,2-Trichloroethane	< 4.2	ug/l	4.2	13.2	10	8260B		2/3/2018	CJR	1
Trichloroethene (TCE)	660	ug/l	3	9.4	10	8260B		2/3/2018	CJR	1
Trichlorofluoromethane	< 3.5	ug/l	3.5	11	10	8260B		2/3/2018	CJR	1
1,2,4-Trimethylbenzene	< 8	ug/l	8	25.5	10	8260B		2/3/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193B  
**Sample ID** 6306-MW-2  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 6.3	ug/l	6.3	20	10	8260B		2/3/2018	CJR	1
Vinyl Chloride	6.4 "J"	ug/l	2	6.5	10	8260B		2/3/2018	CJR	1
m&p-Xylene	< 4.3	ug/l	4.3	13.8	10	8260B		2/3/2018	CJR	1
o-Xylene	< 2.9	ug/l	2.9	9.3	10	8260B		2/3/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			10	8260B		2/3/2018	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			10	8260B		2/3/2018	CJR	1
SUR - Dibromofluoromethane	106	REC %			10	8260B		2/3/2018	CJR	1
SUR - Toluene-d8	93	REC %			10	8260B		2/3/2018	CJR	1



Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2018-0154

Invoice # E34193

Lab Code 5034193C  
 Sample ID 6306-MW-3  
 Sample Matrix Water  
 Sample Date 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		2/3/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		2/3/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		2/3/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		2/3/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		2/3/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		2/3/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		2/3/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/3/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/3/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		2/3/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		2/3/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		2/3/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		2/3/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/3/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		2/3/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		2/3/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		2/3/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		2/3/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		2/3/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		2/3/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		2/3/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		2/3/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		2/3/2018	CJR	1
cis-1,2-Dichloroethene	0.68 "J"	ug/l	0.37	1.16	1	8260B		2/3/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		2/3/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		2/3/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		2/3/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		2/3/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		2/3/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		2/3/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		2/3/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/3/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		2/3/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		2/3/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		2/3/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/3/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		2/3/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		2/3/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		2/3/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		2/3/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		2/3/2018	CJR	1
Tetrachloroethene	150	ug/l	0.38	1.21	1	8260B		2/3/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		2/3/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		2/3/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		2/3/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		2/3/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		2/3/2018	CJR	1
Trichloroethene (TCE)	7.4	ug/l	0.3	0.94	1	8260B		2/3/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		2/3/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		2/3/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193C  
**Sample ID** 6306-MW-3  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		2/3/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/3/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		2/3/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		2/3/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B		2/3/2018	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		2/3/2018	CJR	1
SUR - Dibromofluoromethane	107	REC %			1	8260B		2/3/2018	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B		2/3/2018	CJR	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2018-0154

Invoice # E34193

Lab Code 5034193D  
 Sample ID 6306-MW-4  
 Sample Matrix Water  
 Sample Date 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		2/5/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		2/5/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		2/5/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		2/5/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		2/5/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		2/5/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		2/5/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
Chloroform	0.40 "J"	ug/l	0.26	0.82	1	8260B		2/5/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		2/5/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		2/5/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		2/5/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		2/5/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		2/5/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		2/5/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		2/5/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		2/5/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		2/5/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		2/5/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		2/5/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		2/5/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		2/5/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		2/5/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		2/5/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		2/5/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		2/5/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		2/5/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		2/5/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		2/5/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		2/5/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		2/5/2018	CJR	1
Tetrachloroethene	0.81 "J"	ug/l	0.38	1.21	1	8260B		2/5/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		2/5/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		2/5/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		2/5/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		2/5/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		2/5/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		2/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		2/5/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193D  
**Sample ID** 6306-MW-4  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		2/5/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/5/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		2/5/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		2/5/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B		2/5/2018	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		2/5/2018	CJR	1
SUR - Dibromofluoromethane	100	REC %			1	8260B		2/5/2018	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		2/5/2018	CJR	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2018-0154

Invoice # E34193

Lab Code 5034193E  
 Sample ID 6306-MW-5  
 Sample Matrix Water  
 Sample Date 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		2/5/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		2/5/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		2/5/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		2/5/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		2/5/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		2/5/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		2/5/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		2/5/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		2/5/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		2/5/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		2/5/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		2/5/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		2/5/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		2/5/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		2/5/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		2/5/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		2/5/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		2/5/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		2/5/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		2/5/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		2/5/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		2/5/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		2/5/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		2/5/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		2/5/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		2/5/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		2/5/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		2/5/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		2/5/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		2/5/2018	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		2/5/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		2/5/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		2/5/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		2/5/2018	CJR	1
1,1,1-Trichloroethane	0.85 "J"	ug/l	0.33	1.05	1	8260B		2/5/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		2/5/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		2/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		2/5/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193E  
**Sample ID** 6306-MW-5  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		2/5/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/5/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		2/5/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		2/5/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B		2/5/2018	CJR	1
SUR - 4-Bromofluorobenzene	106	REC %			1	8260B		2/5/2018	CJR	1
SUR - Dibromofluoromethane	105	REC %			1	8260B		2/5/2018	CJR	1
SUR - Toluene-d8	96	REC %			1	8260B		2/5/2018	CJR	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2018-0154

Invoice # E34193

Lab Code 5034193F  
 Sample ID 6306-MW-7  
 Sample Matrix Water  
 Sample Date 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		2/5/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		2/5/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		2/5/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		2/5/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		2/5/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		2/5/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		2/5/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		2/5/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		2/5/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		2/5/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		2/5/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		2/5/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		2/5/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		2/5/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		2/5/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		2/5/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		2/5/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		2/5/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		2/5/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		2/5/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		2/5/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		2/5/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		2/5/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		2/5/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		2/5/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		2/5/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		2/5/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		2/5/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		2/5/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		2/5/2018	CJR	1
Tetrachloroethene	86	ug/l	0.38	1.21	1	8260B		2/5/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		2/5/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		2/5/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		2/5/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		2/5/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		2/5/2018	CJR	1
Trichloroethene (TCE)	1.62	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		2/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		2/5/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193F  
**Sample ID** 6306-MW-7  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		2/5/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/5/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		2/5/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		2/5/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	108	REC %			1	8260B		2/5/2018	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B		2/5/2018	CJR	1
SUR - Dibromofluoromethane	105	REC %			1	8260B		2/5/2018	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		2/5/2018	CJR	1



Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2018-0154

Invoice # E34193

Lab Code 5034193G  
 Sample ID 6306-PZ-1  
 Sample Matrix Water  
 Sample Date 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		2/6/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		2/6/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		2/6/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		2/6/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		2/6/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		2/6/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		2/6/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/6/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/6/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		2/6/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		2/6/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		2/6/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		2/6/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		2/6/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		2/6/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		2/6/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		2/6/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		2/6/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		2/6/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		2/6/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		2/6/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		2/6/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		2/6/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		2/6/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		2/6/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		2/6/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		2/6/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		2/6/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		2/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		2/6/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/6/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		2/6/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		2/6/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		2/6/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		2/6/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		2/6/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		2/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		2/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		2/6/2018	CJR	1
Tetrachloroethene	0.42 "J"	ug/l	0.38	1.21	1	8260B		2/6/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		2/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		2/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		2/6/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		2/6/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		2/6/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		2/6/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		2/6/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		2/6/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193G  
**Sample ID** 6306-PZ-1  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		2/6/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/6/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		2/6/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		2/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %			1	8260B		2/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B		2/6/2018	CJR	1
SUR - Dibromofluoromethane	102	REC %			1	8260B		2/6/2018	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		2/6/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193H  
**Sample ID** 6306-PZ-2  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		2/6/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		2/6/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		2/6/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		2/6/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		2/6/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		2/6/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		2/6/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/6/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/6/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		2/6/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		2/6/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		2/6/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		2/6/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		2/6/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		2/6/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		2/6/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		2/6/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		2/6/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		2/6/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		2/6/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		2/6/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		2/6/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		2/6/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		2/6/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		2/6/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		2/6/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		2/6/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		2/6/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		2/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		2/6/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/6/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		2/6/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		2/6/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		2/6/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		2/6/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		2/6/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		2/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		2/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		2/6/2018	CJR	1
Tetrachloroethene	6.9	ug/l	0.38	1.21	1	8260B		2/6/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		2/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		2/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		2/6/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		2/6/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		2/6/2018	CJR	1
Trichloroethene (TCE)	2.03	ug/l	0.3	0.94	1	8260B		2/6/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		2/6/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		2/6/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193H  
**Sample ID** 6306-PZ-2  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		2/6/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/6/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		2/6/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		2/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	102	REC %			1	8260B		2/6/2018	CJR	1
SUR - Dibromofluoromethane	105	REC %			1	8260B		2/6/2018	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B		2/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	112	REC %			1	8260B		2/6/2018	CJR	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2018-0154

Invoice # E34193

Lab Code 5034193I  
 Sample ID 6306-TW-1  
 Sample Matrix Water  
 Sample Date 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		2/6/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		2/6/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		2/6/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		2/6/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		2/6/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		2/6/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		2/6/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/6/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/6/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		2/6/2018	CJR	1
Chloroform	1.42	ug/l	0.26	0.82	1	8260B		2/6/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		2/6/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		2/6/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		2/6/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		2/6/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		2/6/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		2/6/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		2/6/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		2/6/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		2/6/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		2/6/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		2/6/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		2/6/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		2/6/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		2/6/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		2/6/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		2/6/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		2/6/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		2/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		2/6/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/6/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		2/6/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		2/6/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		2/6/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		2/6/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		2/6/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		2/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		2/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		2/6/2018	CJR	1
Tetrachloroethene	4.1	ug/l	0.38	1.21	1	8260B		2/6/2018	CJR	1
Toluene	0.22 "J"	ug/l	0.19	0.6	1	8260B		2/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		2/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		2/6/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		2/6/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		2/6/2018	CJR	1
Trichloroethene (TCE)	0.74 "J"	ug/l	0.3	0.94	1	8260B		2/6/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		2/6/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		2/6/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193I  
**Sample ID** 6306-TW-1  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		2/6/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/6/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		2/6/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		2/6/2018	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		2/6/2018	CJR	1
SUR - Dibromofluoromethane	103	REC %			1	8260B		2/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B		2/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		2/6/2018	CJR	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2018-0154

Invoice # E34193

Lab Code 5034193J  
 Sample ID 6306-TW-2  
 Sample Matrix Water  
 Sample Date 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		2/6/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		2/6/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		2/6/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		2/6/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		2/6/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		2/6/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		2/6/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/6/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/6/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		2/6/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		2/6/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		2/6/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		2/6/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		2/6/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		2/6/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		2/6/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		2/6/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		2/6/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		2/6/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		2/6/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		2/6/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		2/6/2018	CJR	1
cis-1,2-Dichloroethene	2.09	ug/l	0.37	1.16	1	8260B		2/6/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		2/6/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		2/6/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		2/6/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		2/6/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		2/6/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		2/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		2/6/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/6/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		2/6/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		2/6/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		2/6/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		2/6/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		2/6/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		2/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		2/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		2/6/2018	CJR	1
Tetrachloroethene	0.83 "J"	ug/l	0.38	1.21	1	8260B		2/6/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		2/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		2/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		2/6/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		2/6/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		2/6/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		2/6/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		2/6/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		2/6/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193J  
**Sample ID** 6306-TW-2  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		2/6/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/6/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		2/6/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		2/6/2018	CJR	1
SUR - Toluene-d8	96	REC %			1	8260B		2/6/2018	CJR	1
SUR - Dibromofluoromethane	103	REC %			1	8260B		2/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B		2/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %			1	8260B		2/6/2018	CJR	1



**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193K  
**Sample ID** 6306-DUP-1  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 2.2	ug/l	2.2	7.1	10	8260B		2/7/2018	CJR	1
Bromobenzene	< 4.4	ug/l	4.4	13.8	10	8260B		2/7/2018	CJR	1
Bromodichloromethane	< 3.3	ug/l	3.3	10.6	10	8260B		2/7/2018	CJR	1
Bromoform	< 4.5	ug/l	4.5	14.4	10	8260B		2/7/2018	CJR	1
tert-Butylbenzene	< 2.5	ug/l	2.5	8	10	8260B		2/7/2018	CJR	1
sec-Butylbenzene	< 7.9	ug/l	7.9	25.3	10	8260B		2/7/2018	CJR	1
n-Butylbenzene	< 7.1	ug/l	7.1	22.5	10	8260B		2/7/2018	CJR	1
Carbon Tetrachloride	< 3.1	ug/l	3.1	9.8	10	8260B		2/7/2018	CJR	1
Chlorobenzene	< 2.6	ug/l	2.6	8.3	10	8260B		2/7/2018	CJR	1
Chloroethane	< 6.1	ug/l	6.1	19.5	10	8260B		2/7/2018	CJR	1
Chloroform	< 2.6	ug/l	2.6	8.2	10	8260B		2/7/2018	CJR	1
Chloromethane	< 5.4	ug/l	5.4	17.2	10	8260B		2/7/2018	CJR	1
2-Chlorotoluene	< 3.1	ug/l	3.1	9.8	10	8260B		2/7/2018	CJR	1
4-Chlorotoluene	< 2.6	ug/l	2.6	8.3	10	8260B		2/7/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 29.6	ug/l	29.6	94.3	10	8260B		2/7/2018	CJR	1
Dibromochloromethane	< 2.2	ug/l	2.2	6.9	10	8260B		2/7/2018	CJR	1
1,4-Dichlorobenzene	< 7	ug/l	7	22.2	10	8260B		2/7/2018	CJR	1
1,3-Dichlorobenzene	< 8.5	ug/l	8.5	27	10	8260B		2/7/2018	CJR	1
1,2-Dichlorobenzene	< 8.6	ug/l	8.6	27.4	10	8260B		2/7/2018	CJR	1
Dichlorodifluoromethane	< 3.2	ug/l	3.2	10.2	10	8260B		2/7/2018	CJR	1
1,2-Dichloroethane	< 2.5	ug/l	2.5	7.8	10	8260B		2/7/2018	CJR	1
1,1-Dichloroethane	< 3.6	ug/l	3.6	11.4	10	8260B		2/7/2018	CJR	1
1,1-Dichloroethene	< 4.2	ug/l	4.2	13.4	10	8260B		2/7/2018	CJR	1
cis-1,2-Dichloroethene	< 3.7	ug/l	3.7	11.6	10	8260B		2/7/2018	CJR	1
trans-1,2-Dichloroethene	< 3.4	ug/l	3.4	10.7	10	8260B		2/7/2018	CJR	1
1,2-Dichloropropane	< 4.4	ug/l	4.4	13.9	10	8260B		2/7/2018	CJR	1
1,3-Dichloropropane	< 3	ug/l	3	9.4	10	8260B		2/7/2018	CJR	1
trans-1,3-Dichloropropene	< 3.2	ug/l	3.2	10.1	10	8260B		2/7/2018	CJR	1
cis-1,3-Dichloropropene	< 2.6	ug/l	2.6	8.1	10	8260B		2/7/2018	CJR	1
Di-isopropyl ether	< 2.1	ug/l	2.1	6.6	10	8260B		2/7/2018	CJR	1
EDB (1,2-Dibromoethane)	< 3.4	ug/l	3.4	10.9	10	8260B		2/7/2018	CJR	1
Ethylbenzene	< 2.6	ug/l	2.6	8.3	10	8260B		2/7/2018	CJR	1
Hexachlorobutadiene	< 13.4	ug/l	13.4	42.8	10	8260B		2/7/2018	CJR	1
Isopropylbenzene	< 7.8	ug/l	7.8	24.7	10	8260B		2/7/2018	CJR	1
p-Isopropyltoluene	< 2.4	ug/l	2.4	7.6	10	8260B		2/7/2018	CJR	1
Methylene chloride	< 13.2	ug/l	13.2	42.1	10	8260B		2/7/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 2.8	ug/l	2.8	8.9	10	8260B		2/7/2018	CJR	1
Naphthalene	< 21	ug/l	21	66.5	10	8260B		2/7/2018	CJR	1
n-Propylbenzene	< 6.1	ug/l	6.1	19.5	10	8260B		2/7/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 3	ug/l	3	9.7	10	8260B		2/7/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 3.5	ug/l	3.5	11.3	10	8260B		2/7/2018	CJR	1
Tetrachloroethene	130	ug/l	3.8	12.1	10	8260B		2/7/2018	CJR	1
Toluene	< 1.9	ug/l	1.9	6	10	8260B		2/7/2018	CJR	1
1,2,4-Trichlorobenzene	< 11.5	ug/l	11.5	36.7	10	8260B		2/7/2018	CJR	1
1,2,3-Trichlorobenzene	< 17.1	ug/l	17.1	54.3	10	8260B		2/7/2018	CJR	1
1,1,1-Trichloroethane	< 3.3	ug/l	3.3	10.5	10	8260B		2/7/2018	CJR	1
1,1,2-Trichloroethane	< 4.2	ug/l	4.2	13.2	10	8260B		2/7/2018	CJR	1
Trichloroethene (TCE)	5.3 "J"	ug/l	3	9.4	10	8260B		2/7/2018	CJR	1
Trichlorofluoromethane	< 3.5	ug/l	3.5	11	10	8260B		2/7/2018	CJR	1
1,2,4-Trimethylbenzene	< 8	ug/l	8	25.5	10	8260B		2/7/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193K  
**Sample ID** 6306-DUP-1  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 6.3	ug/l	6.3	20	10	8260B		2/7/2018	CJR	1
Vinyl Chloride	< 2	ug/l	2	6.5	10	8260B		2/7/2018	CJR	1
m&p-Xylene	< 4.3	ug/l	4.3	13.8	10	8260B		2/7/2018	CJR	1
o-Xylene	< 2.9	ug/l	2.9	9.3	10	8260B		2/7/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			10	8260B		2/7/2018	CJR	1
SUR - Toluene-d8	94	REC %			10	8260B		2/7/2018	CJR	1
SUR - Dibromofluoromethane	105	REC %			10	8260B		2/7/2018	CJR	1
SUR - 4-Bromofluorobenzene	102	REC %			10	8260B		2/7/2018	CJR	1

Project Name FMR PACKARD WAY CLEANERS  
 Project # 6306 PO#2018-0154

Invoice # E34193

Lab Code 5034193L  
 Sample ID 6306-TB-1  
 Sample Matrix Water  
 Sample Date 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		2/5/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		2/5/2018	CJR	1
Bromodichloromethane	0.37 "J"	ug/l	0.33	1.06	1	8260B		2/5/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		2/5/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		2/5/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		2/5/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		2/5/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
Chloroform	1.19	ug/l	0.26	0.82	1	8260B		2/5/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		2/5/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		2/5/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		2/5/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		2/5/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		2/5/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		2/5/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		2/5/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		2/5/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		2/5/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		2/5/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		2/5/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		2/5/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		2/5/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		2/5/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		2/5/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		2/5/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		2/5/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		2/5/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		2/5/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		2/5/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		2/5/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		2/5/2018	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		2/5/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		2/5/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		2/5/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		2/5/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		2/5/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		2/5/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		2/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		2/5/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193L  
**Sample ID** 6306-TB-1  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		2/5/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/5/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		2/5/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		2/5/2018	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		2/5/2018	CJR	1
SUR - Dibromofluoromethane	107	REC %			1	8260B		2/5/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B		2/5/2018	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B		2/5/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193M  
**Sample ID** 6306-MW-6  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 2.2	ug/l	2.2	7.1	10	8260B		2/8/2018	CJR	1
Bromobenzene	< 4.4	ug/l	4.4	13.8	10	8260B		2/8/2018	CJR	1
Bromodichloromethane	< 3.3	ug/l	3.3	10.6	10	8260B		2/8/2018	CJR	1
Bromoform	< 4.5	ug/l	4.5	14.4	10	8260B		2/8/2018	CJR	1
tert-Butylbenzene	< 2.5	ug/l	2.5	8	10	8260B		2/8/2018	CJR	1
sec-Butylbenzene	< 7.9	ug/l	7.9	25.3	10	8260B		2/8/2018	CJR	1
n-Butylbenzene	< 7.1	ug/l	7.1	22.5	10	8260B		2/8/2018	CJR	1
Carbon Tetrachloride	< 3.1	ug/l	3.1	9.8	10	8260B		2/8/2018	CJR	1
Chlorobenzene	< 2.6	ug/l	2.6	8.3	10	8260B		2/8/2018	CJR	1
Chloroethane	< 6.1	ug/l	6.1	19.5	10	8260B		2/8/2018	CJR	1
Chloroform	< 2.6	ug/l	2.6	8.2	10	8260B		2/8/2018	CJR	1
Chloromethane	< 5.4	ug/l	5.4	17.2	10	8260B		2/8/2018	CJR	1
2-Chlorotoluene	< 3.1	ug/l	3.1	9.8	10	8260B		2/8/2018	CJR	1
4-Chlorotoluene	< 2.6	ug/l	2.6	8.3	10	8260B		2/8/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 29.6	ug/l	29.6	94.3	10	8260B		2/8/2018	CJR	1
Dibromochloromethane	< 2.2	ug/l	2.2	6.9	10	8260B		2/8/2018	CJR	1
1,4-Dichlorobenzene	< 7	ug/l	7	22.2	10	8260B		2/8/2018	CJR	1
1,3-Dichlorobenzene	< 8.5	ug/l	8.5	27	10	8260B		2/8/2018	CJR	1
1,2-Dichlorobenzene	< 8.6	ug/l	8.6	27.4	10	8260B		2/8/2018	CJR	1
Dichlorodifluoromethane	< 3.2	ug/l	3.2	10.2	10	8260B		2/8/2018	CJR	1
1,2-Dichloroethane	< 2.5	ug/l	2.5	7.8	10	8260B		2/8/2018	CJR	1
1,1-Dichloroethane	< 3.6	ug/l	3.6	11.4	10	8260B		2/8/2018	CJR	1
1,1-Dichloroethene	< 4.2	ug/l	4.2	13.4	10	8260B		2/8/2018	CJR	1
cis-1,2-Dichloroethene	< 3.7	ug/l	3.7	11.6	10	8260B		2/8/2018	CJR	1
trans-1,2-Dichloroethene	< 3.4	ug/l	3.4	10.7	10	8260B		2/8/2018	CJR	1
1,2-Dichloropropane	< 4.4	ug/l	4.4	13.9	10	8260B		2/8/2018	CJR	1
1,3-Dichloropropane	< 3	ug/l	3	9.4	10	8260B		2/8/2018	CJR	1
trans-1,3-Dichloropropene	< 3.2	ug/l	3.2	10.1	10	8260B		2/8/2018	CJR	1
cis-1,3-Dichloropropene	< 2.6	ug/l	2.6	8.1	10	8260B		2/8/2018	CJR	1
Di-isopropyl ether	< 2.1	ug/l	2.1	6.6	10	8260B		2/8/2018	CJR	1
EDB (1,2-Dibromoethane)	< 3.4	ug/l	3.4	10.9	10	8260B		2/8/2018	CJR	1
Ethylbenzene	< 2.6	ug/l	2.6	8.3	10	8260B		2/8/2018	CJR	1
Hexachlorobutadiene	< 13.4	ug/l	13.4	42.8	10	8260B		2/8/2018	CJR	1
Isopropylbenzene	< 7.8	ug/l	7.8	24.7	10	8260B		2/8/2018	CJR	1
p-Isopropyltoluene	< 2.4	ug/l	2.4	7.6	10	8260B		2/8/2018	CJR	1
Methylene chloride	< 13.2	ug/l	13.2	42.1	10	8260B		2/8/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 2.8	ug/l	2.8	8.9	10	8260B		2/8/2018	CJR	1
Naphthalene	< 21	ug/l	21	66.5	10	8260B		2/8/2018	CJR	1
n-Propylbenzene	< 6.1	ug/l	6.1	19.5	10	8260B		2/8/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 3	ug/l	3	9.7	10	8260B		2/8/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 3.5	ug/l	3.5	11.3	10	8260B		2/8/2018	CJR	1
Tetrachloroethene	232	ug/l	3.8	12.1	10	8260B		2/8/2018	CJR	1
Toluene	< 1.9	ug/l	1.9	6	10	8260B		2/8/2018	CJR	1
1,2,4-Trichlorobenzene	< 11.5	ug/l	11.5	36.7	10	8260B		2/8/2018	CJR	1
1,2,3-Trichlorobenzene	< 17.1	ug/l	17.1	54.3	10	8260B		2/8/2018	CJR	1
1,1,1-Trichloroethane	< 3.3	ug/l	3.3	10.5	10	8260B		2/8/2018	CJR	1
1,1,2-Trichloroethane	< 4.2	ug/l	4.2	13.2	10	8260B		2/8/2018	CJR	1
Trichloroethene (TCE)	12.2	ug/l	3	9.4	10	8260B		2/8/2018	CJR	1
Trichlorofluoromethane	< 3.5	ug/l	3.5	11	10	8260B		2/8/2018	CJR	1
1,2,4-Trimethylbenzene	< 8	ug/l	8	25.5	10	8260B		2/8/2018	CJR	1

**Project Name** FMR PACKARD WAY CLEANERS  
**Project #** 6306 PO#2018-0154

**Invoice #** E34193

**Lab Code** 5034193M  
**Sample ID** 6306-MW-6  
**Sample Matrix** Water  
**Sample Date** 1/31/2018

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 6.3	ug/l	6.3	20	10	8260B		2/8/2018	CJR	1
Vinyl Chloride	< 2	ug/l	2	6.5	10	8260B		2/8/2018	CJR	1
m&p-Xylene	< 4.3	ug/l	4.3	13.8	10	8260B		2/8/2018	CJR	1
o-Xylene	< 2.9	ug/l	2.9	9.3	10	8260B		2/8/2018	CJR	1
SUR - Toluene-d8	94	REC %			10	8260B		2/8/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %			10	8260B		2/8/2018	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %			10	8260B		2/8/2018	CJR	1
SUR - Dibromofluoromethane	107	REC %			10	8260B		2/8/2018	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

<i>Code</i>	<i>Comment</i>
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

**Authorized Signature**



## Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914  
920-830-2455 • FAX 920-733-0631

**Sample Handling Request**  
Rush Analysis Date Required \_\_\_\_\_  
(Flushes accepted only with prior authorization)  
 Normal Turn Around

Lab I.D. # \_\_\_\_\_  
Account No.: \_\_\_\_\_ Quote No.: \_\_\_\_\_  
Project #: 6306  
Sampler: (signature) [Signature]  
Project (Name/Location): Former Packard way cleaners, cadbury, WI  
Reports To: R. Hoverson / K. Heinstead  
Company: Enviroforensics  
Address: N16 W2339D Stoneridge Dr  
City State Zip: Waukesha WI 53188  
Phone: 414-630-0068  
FAX: \_\_\_\_\_

Invoice To: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
City State Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_  
FAX: \_\_\_\_\_

Analysis Requested		Other Analysis	
DRO (Mod DRO Sep 95)			
GRO (Mod GRO Sep 95)			
LEAD			
NITRATE/NITRITE			
OIL & GREASE			
PAH (EPA 8270)			
PCB			
PVOC (EPA 8021)			
PVOC + NAPHTHALENE			
SULFATE			
TOTAL SUSPENDED SOLIDS			
VOC DW (EPA 524.2)			
VOC (EPA 8260)			
8-RCRA METALS			

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	PID/ FID
<u>5034193A</u>	<u>6306-MW-1</u>	<u>1-31-18</u>	<u>1555</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>	
<u>B</u>	<u>6306-MW-2</u>	<u>1-31-18</u>	<u>1350</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>	
<u>C</u>	<u>6306-MW-3</u>	<u>1-31-18</u>	<u>1440</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>	
<u>D</u>	<u>6306-MW-4</u>	<u>1-31-18</u>	<u>1240</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>	
<u>E</u>	<u>6306-MW-5</u>	<u>1-31-18</u>	<u>1155</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>	
<u>F</u>	<u>6306-MW-6</u>	<u>1-31-18</u>	<u>1422</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>	
<u>G</u>	<u>6306-MW-7</u>	<u>1-31-18</u>	<u>1340</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>	
<u>H</u>	<u>6306-P2-2</u>	<u>1-31-18</u>	<u>1435</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>	
<u>I</u>	<u>6306-TW-1</u>	<u>1-31-18</u>	<u>1655</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>2</u>	<u>GW</u>	<u>HCL</u>	

Comments/Special Instructions (\*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

PO# 2018-0154

Sample Integrity - To be completed by receiving lab.  
Method of Shipment: Ice  
Temp. of Temp. Blank: \_\_\_\_\_ °C On Ice:   
Cooler seal intact upon receipt:  Yes  No

Relinquished By: (sign) [Signature] Time: 1600 Date: 2/1/18  
Received in Laboratory By: (sign) [Signature] Time: 8:00 Date: 2/2/18

