



HYDRODYNAMICS CONSULTANTS, INC.

Environmental Engineering, Consulting, and Contracting

October 9, 2018

Binyoti Amungwafor
Wisconsin Department of Natural Resources
2300 Martin Luther King Drive, Milwaukee, WI 53212
Tel. 414-263-8607
Email: Binyoti.Amungwafor@Wisconsin.gov

Re: Westwood Cleaners
8371 West North Avenue
Wauwatosa, WI 53226
WDNR BRRTS#02-41-552537
Soil, Groundwater, and Vapor Results

Dear Mr. Amungwafor,

Hydrodynamics Consultants, Inc. (HDC) has performed soil, groundwater and vapor sampling at and around the above-referenced property.

The sampling active is part of the scope of work in the approved site investigation plan based on the previous limited findings of the drycleaning solvent, tetrachloroethene (PCE or perc) and its degraded products, being present at the site. The protocols and procedure previously submitted by HDC and reviewed by WDNR were followed.

On September 16, 2018, HDC, Inc. crew members used a GeoProbe system to collect soil samples (SB1-SB12) from in and around the subject property. On the same day a soil vapor sample from SV3 was completed. Ground water sampling (MW1-MW6) and the remainder of the soil vapor sampling (SV1, SV2, SV4, and SV5) took place during a second site visit on September 19, 2018. Please refer to the attached site map (Figure 1) for sampling locations.

The results of the soil, groundwater, and vapor analyses have been tabulated and are included in Tables 1, 2, and 3, receptively. The laboratory analytical results have also been attached. Figures 2 (Soil), 3 (Groundwater), and 4 (Vapor) diagram the location of any VOCs that have exceeded screening levels.

PCE and its degraded byproducts, such as trichloroethene (TCE), cis-1,2-dichloroethene (DCE), and vinyl chloride (VC) have been detected as a result of the new site investigation sampling activity.



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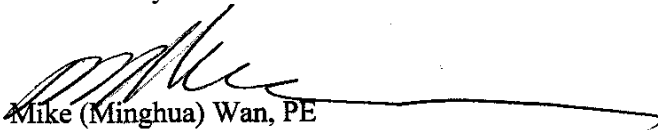
Up to 6.3 mg/Kg of PCE and 0.75 mg/Kg of TCE has been found in numerous soil samples which exceed the Groundwater Pathway RCL. Non-Industrial Direct Contact RCL and Industrial Direct Contact RCL have not been exceeded.

Groundwater samples confirm that up to 0.16 mg/L of PCE, 0.07 mg/L of TCE, 0.026 mg/L of DCE and 0.038 mg/L of VC has been detected. The Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard and Chapter NR 140 Preventive Action Limit have been exceeded.

As a result of the vapor sampling, PCE (up to 1.2 mg/m³) and TCE (up to 0.0042 mg/m³) have been found to exceed both the residential and commercial Indoor Air Vapor Action Levels. Vapor Risk Screening Levels have not been exceeded.

HDC appreciates the opportunity to be of service to you on this project. If you have any questions concerning this report, please feel free to contact my office.

Submitted by



Mike (Minghua) Wan, PE

Vice President

Consultant: Hydrodynamics Consultants, Inc

Enclosures:

Table 1 – Soil Analytical Results
Table 2 – Groundwater Analytical Results
Table 3 – Vapor Analytical Results
Figure 1 – Site Map
Figure 2 – Soil VOC Distribution Map
Figure 3 – Groundwater VOC Distribution Map
Figure 4 – Vapor VOC Distribution Map
Laboratory Analytical Results

CC: Mr. Dong Sin - 8371 West North Avenue, Wauwatosa, WI 53226
Thai Namite Tosa - 8725 W North Ave, Wauwatosa, WI 53226

Table 1 Soil VOC Analytical Results

Sample ID:	SB1-A	SB1-B	SB2-A	SB2-B	SB3-A	SB3-B	SB4-A	SB4-B	NR 720 RCLs*		
Date:	8/19/2008								Groundwater Pathway RCL	Non-Industrial Direct Contact RCL	Industrial Direct Contact RCL
Sampling Depth (ft)	1	6	1	6	1	6	1	6			
Depth to GW (ft)									mg/Kg	mg/Kg	mg/Kg
VOCs											
cis-1,2-Dichloroethene	< 1.43	< 0.025	< 0.625	< 0.0266	< 0.312	< 0.0298	< 0.412	< 0.0278	0.0412	156	2040
Tetrachloroethene	320	0.685	178	3.99	103	6.85	25	10.8	0.0045	30.7	153
Trichloroethene	3.97	< 0.025	2.31	0.0505 J	< 0.312	< 0.0298	< 0.412	< 0.0278	0.0036	1.26	8.81
Vinyl chloride	< 1.43	< 0.025	< 0.625	< 0.0266	< 0.312	< 0.0298	< 0.412	< 0.0278	0.0001	0.067	2.03

Notes:

* RCL = Residual Contaminant Level per WDNR Remediation and Redevelopment Program

NR 720 RCLs are generic standards for the groundwater pathway for VOCs.

NS = No Standard

J - Analyte detected below reporting limit

All values in mg/Kg or ppm

Bold fonts/Shaded boxes indicate the levels exceed the Quality Standards.

Table 1 Soil VOC Analytical Results

Sample ID:	NSB1-A	NSB1-B	NSB1-C	NSB2-A	NSB2-B	NSB2-C	NR 720 RCLs*		
Date:	9/16/2018						Groundwater Pathway RCL	Non-Industrial Direct Contact RCL	Industrial Direct Contact RCL
Sampling Depth (ft)	2	8	16	2	8	16			
Depth to GW (ft)	8			8					
VOCs							mg/Kg	mg/Kg	mg/Kg
cis-1,2-Dichloroethene	< 0.0048	< 0.0047	< 0.0046	< 0.0048	< 0.0038	< 0.0042	0.0412	156	2040
Tetrachloroethene	< 0.0048	0.00055 J	0.017	< 0.0048	0.00047 J	0.038	0.0045	30.7	153
Trichloroethene	< 0.0048	< 0.0047	< 0.0046	< 0.0048	< 0.0038	< 0.0042	0.0036	1.26	8.81
Vinyl chloride	< 0.0048	< 0.0047	< 0.0046	< 0.0048	< 0.0038	< 0.0042	0.0001	0.067	2.03

Notes:

* RCL = Residual Contaminant Level per WDNR Remediation and Redevelopment Program

NR 720 RCLs are generic standards for the groundwater pathway for VOCs.

NS = No Standard

J - Analyte detected below reporting limit

All values in mg/Kg or ppm

Bold fonts/Shaded boxes indicate the levels exceed the Quality Standards.

Table 1 Soil VOC Analytical Results

Sample ID:	NSB3-A	NSB3-B	NSB3-C	NSB4-A	NSB4-B	NSB4-C	NR 720 RCLs*		
Date:	9/16/2018						Groundwater Pathway RCL	Non-Industrial Direct Contact RCL	Industrial Direct Contact RCL
Sampling Depth (ft)	2	8	16	2	8	16			
Depth to GW (ft)	9			8					
VOCs							mg/Kg	mg/Kg	mg/Kg
cis-1,2-Dichloroethene	< 0.0055	< 0.0042	< 0.0041	< 0.0049	< 0.0046	< 0.004	<i>0.0412</i>	<i>156</i>	<i>2040</i>
Tetrachloroethene	0.0017 J	0.00089 J	0.00097 J	0.0026 J	< 0.0046	< 0.004	<i>0.0045</i>	<i>30.7</i>	<i>153</i>
Trichloroethene	< 0.0055	< 0.0042	< 0.0041	< 0.0049	< 0.0046	< 0.004	<i>0.0036</i>	<i>1.26</i>	<i>8.81</i>
Vinyl chloride	< 0.0055	< 0.0042	< 0.0041	< 0.0049	< 0.0046	< 0.004	<i>0.0001</i>	<i>0.067</i>	<i>2.03</i>

Notes:

RCL = Residual Contaminant Level per WDNR Remediation and Redevelopment Program

NR 720 RCLs are generic standards for the groundwater pathway for VOCs.

NS = No Standard

J - Analyte detected below reporting limit

All values in mg/Kg or ppm

Bold fonts/Shaded boxes indicate the levels exceed the Quality Standards.

Table 1 Soil VOC Analytical Results

Sample ID:	NSB5-A	NSB5-B	NSB5-C	NSB6-A	NSB6-B	NSB6-C	NR 720 RCLs*		
Date:	9/16/2018						Groundwater Pathway RCL	Non-Industrial Direct Contact RCL	Industrial Direct Contact RCL
Sampling Depth (ft)	2	8	16	2	8	15			
Depth to GW (ft)	6			6					
VOCs							mg/Kg	mg/Kg	mg/Kg
cis-1,2-Dichloroethene	< 0.0045	< 0.27	< 0.0042	< 0.29	0.0043 J	< 0.006	0.0412	156	2040
Tetrachloroethene	0.21	2.1	< 0.0042	6.3	1.5	0.0014 J	0.0045	30.7	153
Trichloroethene	< 0.0045	0.053 J	< 0.0042	0.75	0.06	< 0.006	0.0036	1.26	8.81
Vinyl chloride	< 0.0045	< 0.27	< 0.0042	< 0.29	0.0027 J	< 0.006	0.0001	0.067	2.03

Notes:

* RCL = Residual Contaminant Level per WDNR Remediation and Redevelopment Program

NR 720 RCLs are generic standards for the groundwater pathway for VOCs.

NS = No Standard

J - Analyte detected below reporting limit

All values in mg/Kg or ppm

Bold fonts/Shaded boxes indicate the levels exceed the Quality Standards.

Table 1 Soil VOC Analytical Results

Sample ID:	NSB7-A	NSB7-B	NSB7-C	NSB8-A	NSB8-B	NSB8-C	NR 720 RCLs*		
Date:	9/16/2018						Groundwater Pathway RCL	Non-Industrial Direct Contact RCL	Industrial Direct Contact RCL
Sampling Depth (ft)	2	8	16	2	8	16			
Depth to GW (ft)	6			8					
VOCs							mg/Kg	mg/Kg	mg/Kg
cis-1,2-Dichloroethene	< 0.0042	< 0.0045	< 0.0049	< 0.0043	< 0.0052	< 0.0046	<i>0.0412</i>	<i>156</i>	<i>2040</i>
Tetrachloroethene	0.0042 J	< 0.011	< 0.0049	< 0.0043	< 0.0052	< 0.0046	<i>0.0045</i>	<i>30.7</i>	<i>153</i>
Trichloroethene	< 0.0042	< 0.0045	< 0.0049	< 0.0043	0.0022 J	< 0.0046	<i>0.0036</i>	<i>1.26</i>	<i>8.81</i>
Vinyl chloride	< 0.0042	< 0.0045	< 0.0049	< 0.0043	< 0.0052	< 0.0046	<i>0.0001</i>	<i>0.067</i>	<i>2.03</i>

Notes:

* RCL = Residual Contaminant Level per WDNR Remediation and Redevelopment Program

NR 720 RCLs are generic standards for the groundwater pathway for VOCs.

NS = No Standard

J - Analyte detected below reporting limit

All values in mg/Kg or ppm

Bold fonts/Shaded boxes indicate the levels exceed the Quality Standards.

Table 1 Soil VOC Analytical Results

Sample ID:	NSB9-A	NSB9-B	NSB9-C	NSB10-A	NSB10-B	NSB10-C	NR 720 RCLs*		
Date:	9/16/2018						Groundwater Pathway RCL	Non-Industrial Direct Contact RCL	Industrial Direct Contact RCL
Sampling Depth (ft)	2	8	16	2	6	15			
Depth to GW (ft)	8			6					
VOCs							mg/Kg	mg/Kg	mg/Kg
cis-1,2-Dichloroethene	< 0.005	0.008	< 0.0041	< 0.0048	< 0.0046	< 0.0043	0.0412	156	2040
Tetrachloroethene	0.014	< 0.0052	< 0.0041	1.4	0.16	< 0.0043	0.0045	30.7	153
Trichloroethene	< 0.005	0.0049 J	< 0.0041	0.019	0.013	< 0.0043	0.0036	1.26	8.81
Vinyl chloride	< 0.005	< 0.0052	< 0.0041	< 0.0048	< 0.0046	< 0.0043	0.0001	0.067	2.03

Notes:

* RCL = Residual Contaminant Level per WDNR Remediation and Redevelopment Program

NR 720 RCLs are generic standards for the groundwater pathway for VOCs.

NS = No Standard

J - Analyte detected below reporting limit

All values in mg/Kg or ppm

Bold fonts/Shaded boxes indicate the levels exceed the Quality Standards.

Table 1 Soil VOC Analytical Results

Sample ID:	NSB11-A	NSB11-B	NSB11-C	NSB12-A	NSB12-B	NSB12-C	NR 720 RCLs*		
Date:	9/16/2018						Groundwater Pathway RCL	Non-Industrial Direct Contact RCL	Industrial Direct Contact RCL
Sampling Depth (ft)	2	6	15	2	6	15			
Depth to GW (ft)	6			6					
VOCs							mg/Kg	mg/Kg	mg/Kg
cis-1,2-Dichloroethene	< 0.0048	< 0.0046	< 0.0049	< 0.0042	< 0.0047	< 0.0037	0.0412	156	2040
Tetrachloroethene	0.067	0.22	< 0.0049	< 0.0042	0.027	< 0.0037	0.0045	30.7	153
Trichloroethene	< 0.0048	< 0.0046	< 0.0049	< 0.0042	< 0.0047	< 0.0037	0.0036	1.26	8.81
Vinyl chloride	< 0.0048	< 0.0046	< 0.0049	< 0.0042	< 0.0047	< 0.0037	0.0001	0.067	2.03

Notes:

* RCL = Residual Contaminant Level per WDNR Remediation and Redevelopment Program

NR 720 RCLs are generic standards for the groundwater pathway for VOCs.

NS = No Standard

J - Analyte detected below reporting limit

All values in mg/Kg or ppm

Bold fonts/Shaded boxes indicate the levels exceed the Quality Standards.

Table 2 Groundwater VOC Analytical Results

Sample ID:	MW1	MW1-D	MW2	MW3	MW4	MW5	MW6	MW-TB	Groundwater Quality Standards	
Date:	9/19//2018							9/18/2018	NR 140 ES	NR 140 PAL
Depth to Water (ft):	8	8	8	9	8	6	6			
VOCs									mg/L	mg/L
cis-1,2-Dichloroethene	< 0.005	< 0.005	0.00069 J	< 0.005	< 0.005	0.026	0.0086	< 0.005	0.07	0.007
Tetrachloroethene	< 0.005	< 0.005	0.0063	< 0.005	< 0.005	0.16	0.11	< 0.005	0.005	0.0005
Trichloroethene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.07	0.011	< 0.005	0.005	0.0005
Vinyl chloride	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.038	0.0033	< 0.002	0.0002	0.00002

Notes:

NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
 NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
 NS = No Standard,
 Sample ID with " - D" and "TB" refer to duplicate and trip blank, respectively

J - Analyte detected below reporting limit
 All values in mg/L or ppm
 Bold fonts/Shaded boxes indicate the levels exceed the Quality Standards.

Table 3 Vapor VOC Analytical Results

Sample ID:	SV3	SV3-D	SV1	SV2	SV4	SV5	Indoor Air Vapor Action Levels (VAL)*		Vapor Risk Screening Levels (VRSL)*	
Sampling Date:	9/16//2018		9/19/2018				Residential	Commercial	Residential	Commercial
VOCs							mg/m ³	mg/m ³	mg/m ³	mg/m ³
cis-1,2-Dichloroethene	< 0.0029	< 0.0066	< 0.0027	< 0.0029	< 0.0030	< 0.0056	NS	NS	NS	NS
Tetrachloroethene	0.3	0.3	0.017	1.2	0.052	0.063	0.0417	0.175	1.39	5.84
Trichloroethene	0.0042	0.0036 J	< 0.0037	0.10	< 0.0041	< 0.0077	0.00209	0.00876	0.0695	0.292
Vinyl chloride	< 0.0018	< 0.0041	< 0.0017	< 0.0018	< 0.0019	< 0.0035	0.00168	0.0279	0.0559	0.929

Notes:

* US EPA Vapor Intrusion Screening Levels (VISL) Calculator (Default Results)

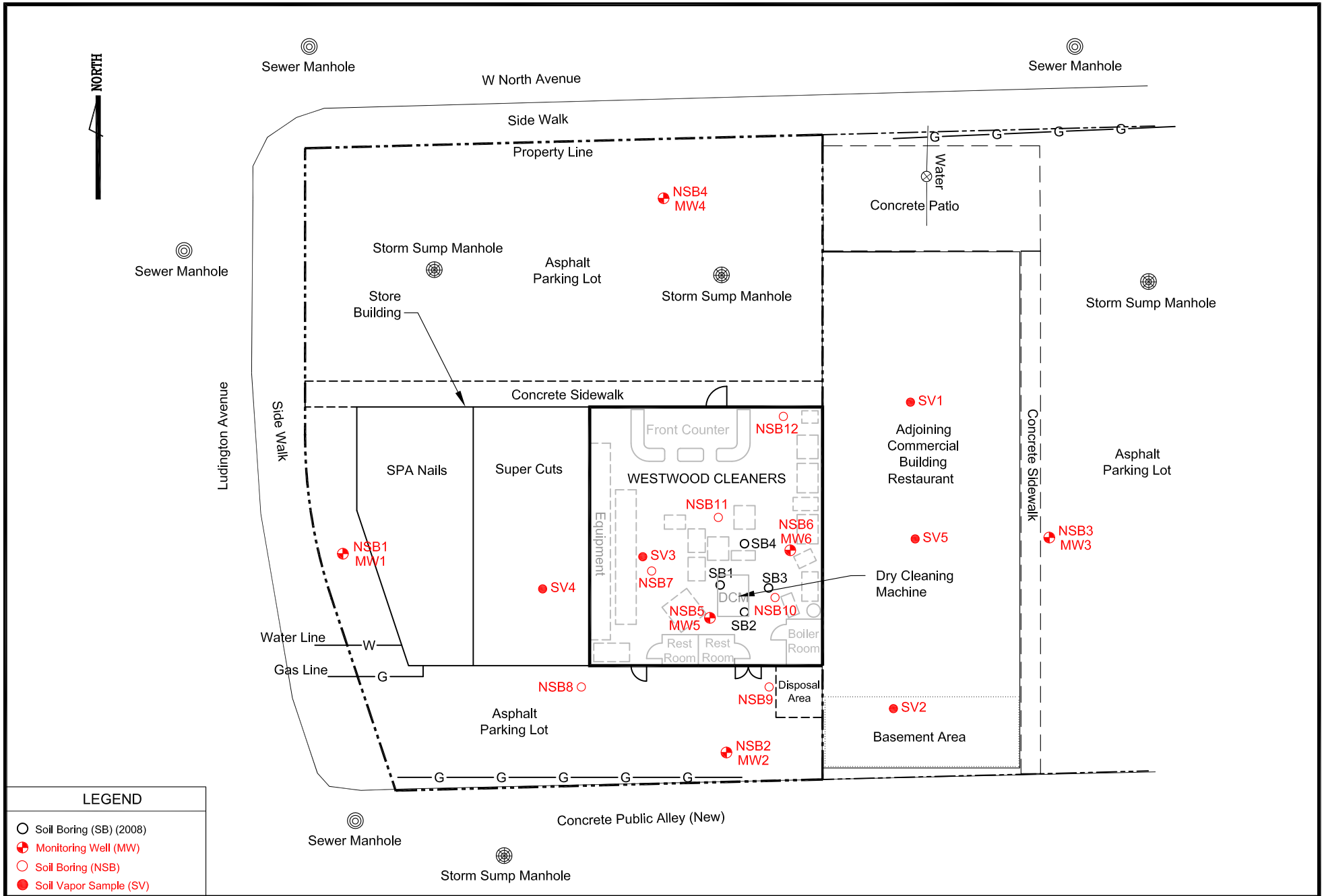
J - Analyte detected below reporting limit

Bold fonts/Shaded boxes indicate the levels exceed the Quality Standards.

All values in mg/m³

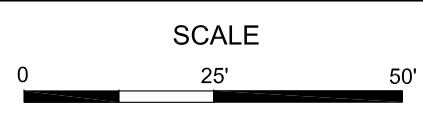
NS = No Standard

NV = Not Volatile

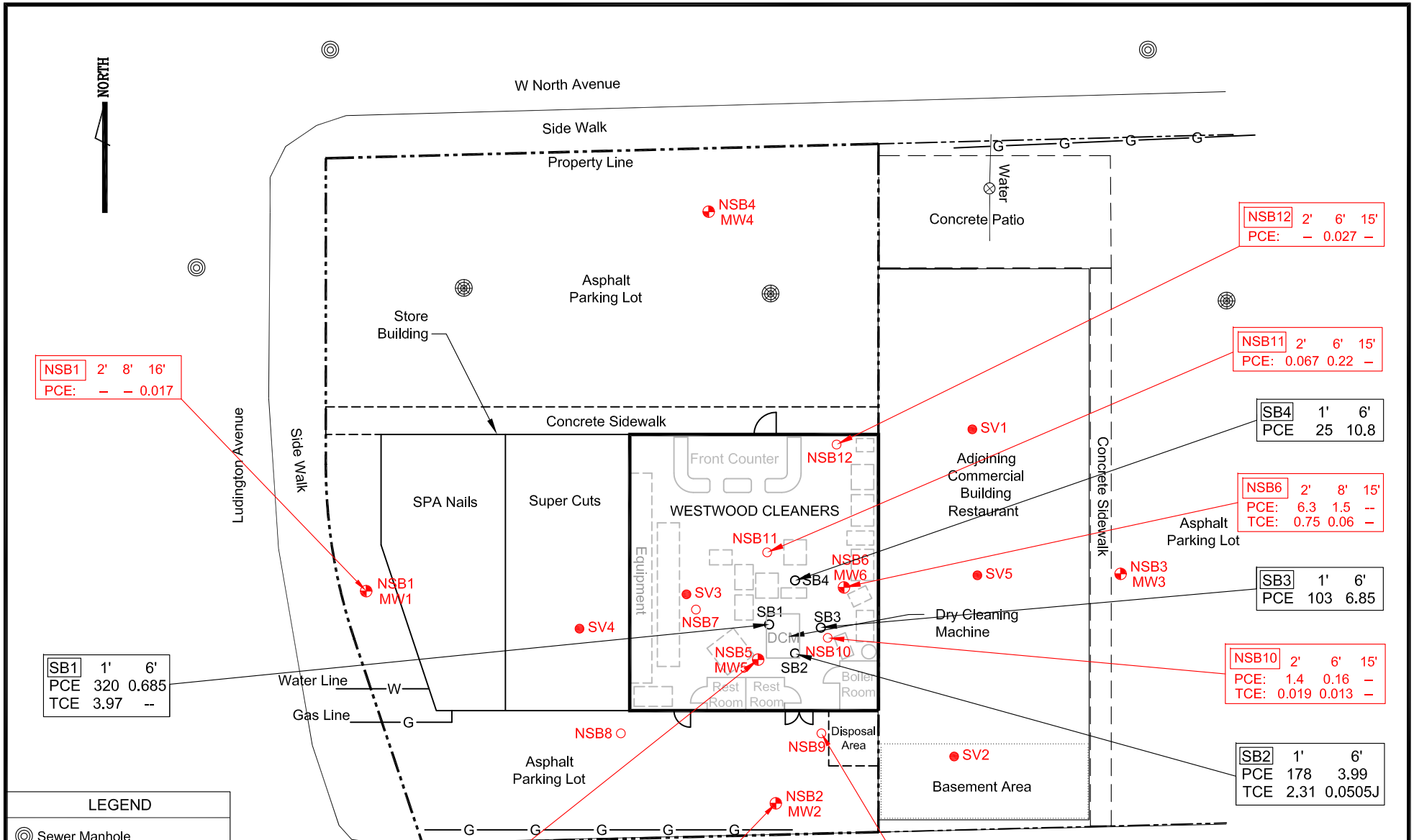


LEGEND	
○	Soil Boring (SB) (2008)
⊕	Monitoring Well (MW)
○	Soil Boring (NSB)
●	Soil Vapor Sample (SV)

SITE NAME	Westwood Dry Cleaners (#02-41-552537)	FIGURE NO.	1
FIGURE NAME	Site Map		
ADDRESS	8731 West North Avenue, Wauwatosa, WI 53226		



HYDRODYNAMICS CONSULTANTS, INC.
 5403 Patton Dr. Unit 215, Lisle, IL 60532
 Tel: (630) 724-0098, HydrodynamicsConsultants.com



NSB1 2' 8' 16'
PCE: -- -- 0.017

SB1 1' 6'
PCE 320 0.685
TCE 3.97 --

NSB5 2' 8' 16'
PCE: 0.21 21 --
TCE: -- 0.053J --

NSB2 2' 8' 16'
PCE: -- -- 0.038

NSB9 2' 8' 16'
PCE: 0.014 -- --
TCE: -- 0.0049J --

NSB12 2' 6' 15'
PCE: -- 0.027 --

NSB11 2' 6' 15'
PCE: 0.067 0.22 --

SB4 1' 6'
PCE 25 10.8

NSB6 2' 8' 15'
PCE: 6.3 1.5 --
TCE: 0.75 0.06 --

SB3 1' 6'
PCE 103 6.85

NSB10 2' 6' 15'
PCE: 1.4 0.16 --
TCE: 0.019 0.013 --

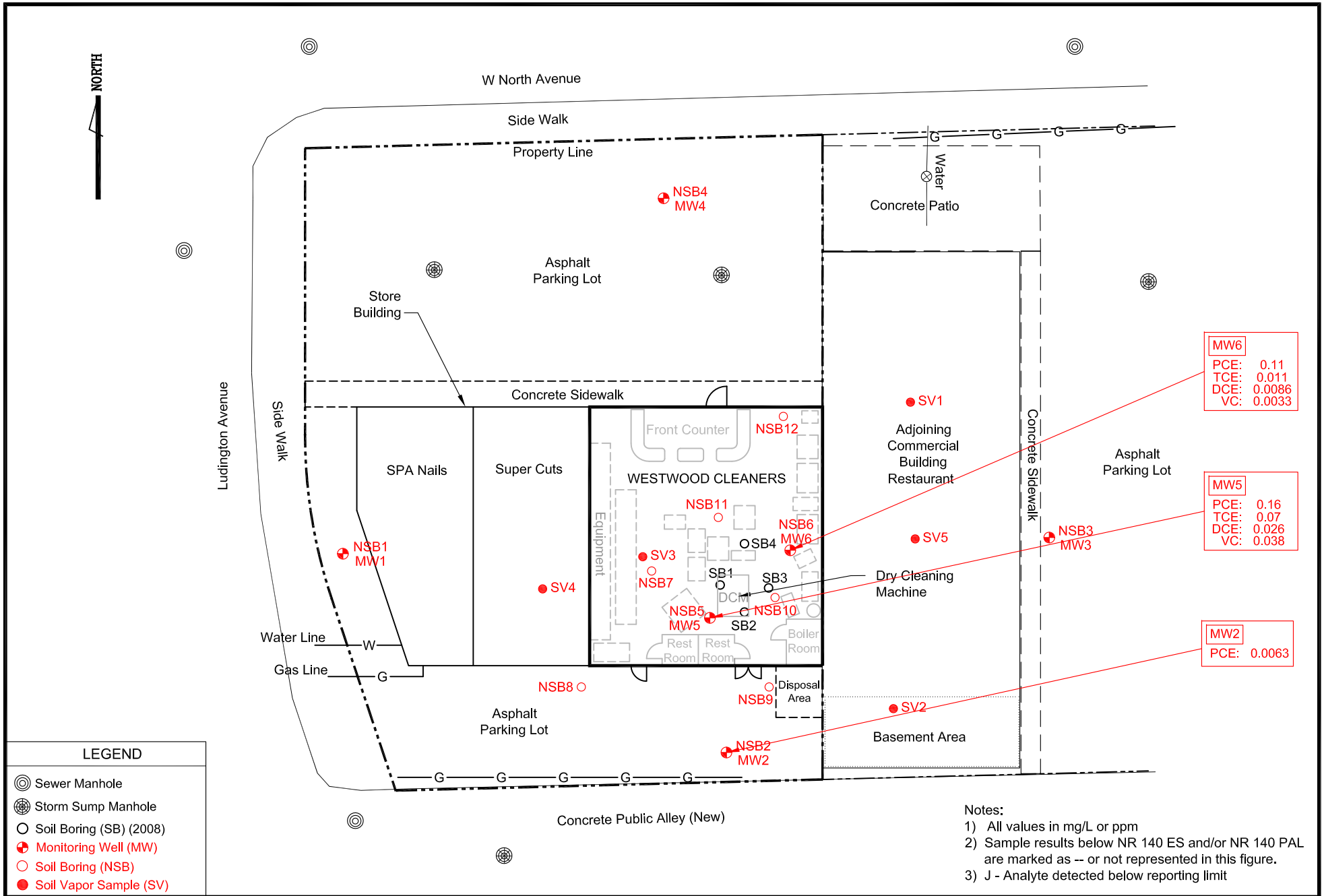
SB2 1' 6'
PCE 178 3.99
TCE 2.31 0.0505J

LEGEND

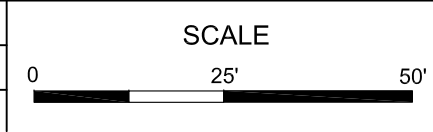
- ⊙ Sewer Manhole
- ⊕ Storm Sump Manhole
- Soil Boring (SB) (2008)
- ⊕ Monitoring Well (MW) (2018)
- Soil Boring (NSB) (2018)
- Soil Vapor Sample (SV) (2018)

Notes:
 1) All values in mg/Kg or ppm
 2) Sample results below NR 720 RCLs are marked as -- or not represented in this figure.
 3) J - Analyte detected below reporting limit

SITE NAME	Westwood Dry Cleaners (#02-41-552537)	FIGURE NO.	2	SCALE 0 25' 50' 	HYDRODYNAMICS CONSULTANTS, INC. 5403 Patton Dr. Unit 215, Lisle, IL 60532 Tel: (630) 724-0098, HydrodynamicsConsultants.com
FIGURE NAME	Soil VOC Distribution Map				
ADDRESS	8731 West North Avenue, Wauwatosa, WI 53226				



SITE NAME	Westwood Dry Cleaners (#02-41-552537)	FIGURE NO.	3
FIGURE NAME	Groundwater VOC Distribution Map		
ADDRESS	8731 West North Avenue, Wauwatosa, WI 53226		



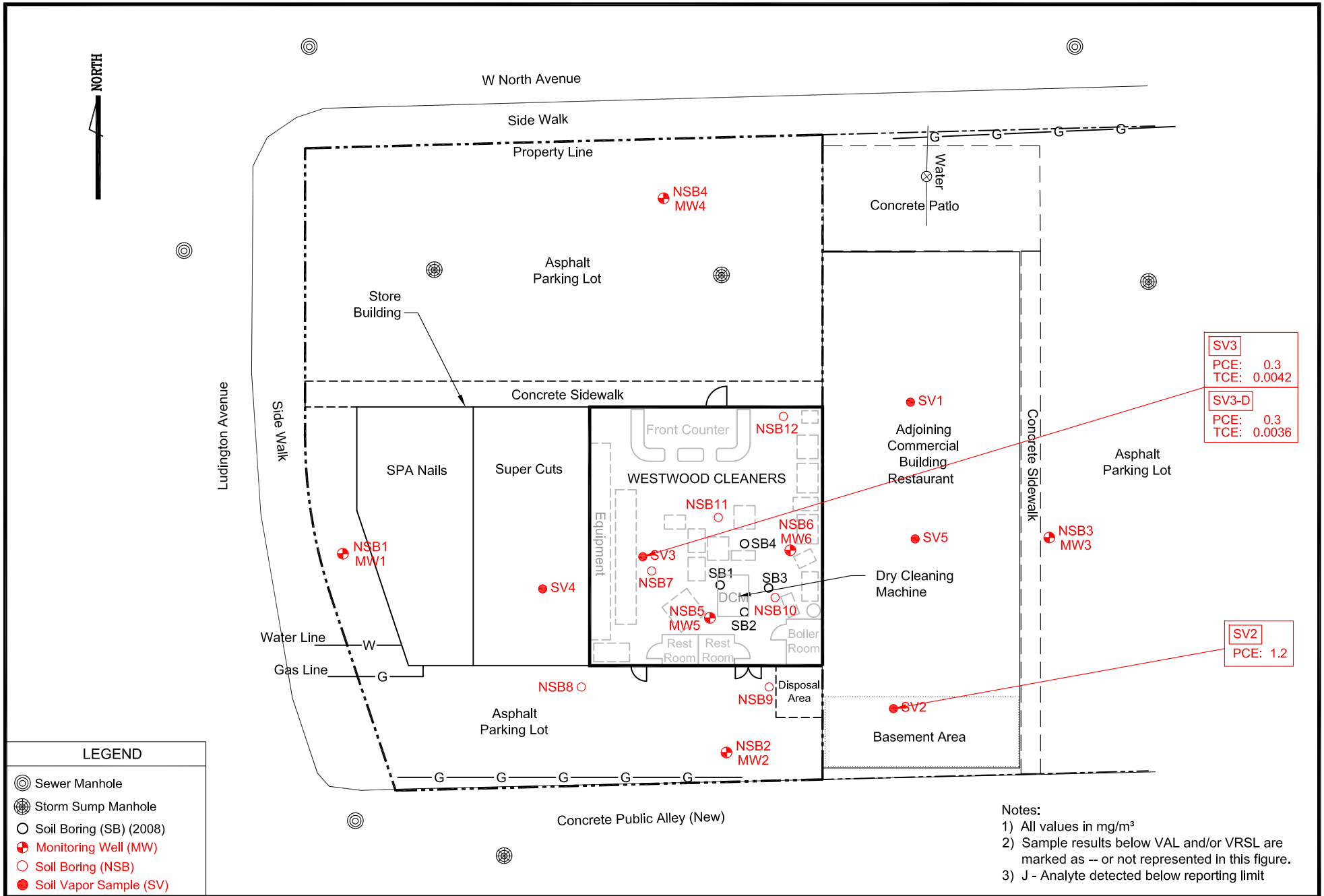
HYDRODYNAMICS CONSULTANTS, INC.

5403 Patton Dr. Unit 215, Lisle, IL 60532
 Tel: (630) 724-0098, HydrodynamicsConsultants.com

MW6
PCE: 0.11
TCE: 0.011
DCE: 0.0086
VC: 0.0033

MW5
PCE: 0.16
TCE: 0.07
DCE: 0.026
VC: 0.038

MW2
PCE: 0.0063

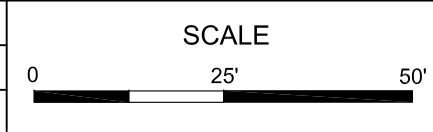


SV3
PCE: 0.3
TCE: 0.0042
SV3-D
PCE: 0.3
TCE: 0.0036

SV2
PCE: 1.2

- Notes:
- 1) All values in mg/m³
 - 2) Sample results below VAL and/or VRSL are marked as -- or not represented in this figure.
 - 3) J - Analyte detected below reporting limit

SITE NAME	Westwood Dry Cleaners (#02-41-552537)	FIGURE NO.	4
FIGURE NAME	Vapor VOC Distribution Map		
ADDRESS	8731 West North Avenue, Wauwatosa, WI 53226		



HYDRODYNAMICS CONSULTANTS, INC.

5403 Patton Dr. Unit 215, Lisle, IL 60532
 Tel: (630) 724-0098, HydrodynamicsConsultants.com



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2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

September 29, 2018

Hydrodynamics Consultant, Inc.
5403 Patton Drive
Lisle, IL 60532

Telephone: (630) 724-0098
Fax: (800) 881-2051

Analytical Report for STAT Work Order: 18090542 Revision 0

RE: Westwood Cleaners, 8731 West North Ave., Wauwatosa, WI 53226

Dear Dr. Yong Yu:

STAT Analysis received 36 samples for the referenced project on 9/17/2018 4:28:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements specified in WI DNR Chapter NR 149 (Certification Number 399099910). Analyses were performed in accordance with methods as referenced on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. A listing of accredited methods/parameters can also be provided.

For sample results requiring adjustment for dilutions, the detection and reporting limits are adjusted for the corresponding dilution factor. Analytical results expressed on a dry weight basis have units of mg/Kg-dry or $\mu\text{g}/\text{Kg-dry}$ on the analytical report. Corresponding reporting limits are adjusted for dry weight.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Craig Chawla
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: Hydrodynamics Consultant, Inc.**Project:** Westwood Cleaners, 8731 West North Ave., Wauwatosa**Work Order Sample Summary****Work Order:** 18090542 Revision 0

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
18090542-001A	NSB1-A		9/16/2018 9:38:00 AM	9/17/2018
18090542-001B	NSB1-A		9/16/2018 9:38:00 AM	9/17/2018
18090542-002A	NSB1-B		9/16/2018 9:53:00 AM	9/17/2018
18090542-002B	NSB1-B		9/16/2018 9:53:00 AM	9/17/2018
18090542-003A	NSB1-C		9/16/2018 10:09:00 AM	9/17/2018
18090542-003B	NSB1-C		9/16/2018 10:09:00 AM	9/17/2018
18090542-004A	NSB2-A		9/16/2018 10:26:00 AM	9/17/2018
18090542-004B	NSB2-A		9/16/2018 10:26:00 AM	9/17/2018
18090542-005A	NSB2-B		9/16/2018 10:43:00 AM	9/17/2018
18090542-005B	NSB2-B		9/16/2018 10:43:00 AM	9/17/2018
18090542-006A	NSB2-C		9/16/2018 10:59:00 AM	9/17/2018
18090542-006B	NSB2-C		9/16/2018 10:59:00 AM	9/17/2018
18090542-007A	NSB3-A		9/16/2018 11:15:00 AM	9/17/2018
18090542-007B	NSB3-A		9/16/2018 11:15:00 AM	9/17/2018
18090542-008A	NSB3-B		9/16/2018 11:31:00 AM	9/17/2018
18090542-008B	NSB3-B		9/16/2018 11:31:00 AM	9/17/2018
18090542-009A	NSB3-C		9/16/2018 11:47:00 AM	9/17/2018
18090542-009B	NSB3-C		9/16/2018 11:47:00 AM	9/17/2018
18090542-010A	NSB4-A		9/16/2018 12:05:00 PM	9/17/2018
18090542-010B	NSB4-A		9/16/2018 12:05:00 PM	9/17/2018
18090542-011A	NSB4-B		9/16/2018 12:21:00 PM	9/17/2018
18090542-011B	NSB4-B		9/16/2018 12:21:00 PM	9/17/2018
18090542-012A	NSB4-C		9/16/2018 12:38:00 PM	9/17/2018
18090542-012B	NSB4-C		9/16/2018 12:38:00 PM	9/17/2018
18090542-013A	NSB5-A		9/16/2018 12:55:00 PM	9/17/2018
18090542-013B	NSB5-A		9/16/2018 12:55:00 PM	9/17/2018
18090542-014A	NSB5-B		9/16/2018 1:10:00 PM	9/17/2018
18090542-014B	NSB5-B		9/16/2018 1:10:00 PM	9/17/2018
18090542-015A	NSB5-C		9/16/2018 1:26:00 PM	9/17/2018
18090542-015B	NSB5-C		9/16/2018 1:26:00 PM	9/17/2018
18090542-016A	NSB6-A		9/16/2018 1:45:00 PM	9/17/2018
18090542-016B	NSB6-A		9/16/2018 1:45:00 PM	9/17/2018
18090542-017A	NSB6-B		9/16/2018 2:01:00 PM	9/17/2018
18090542-017B	NSB6-B		9/16/2018 2:01:00 PM	9/17/2018
18090542-018A	NSB6-C		9/16/2018 2:18:00 PM	9/17/2018
18090542-018B	NSB6-C		9/16/2018 2:18:00 PM	9/17/2018
18090542-019A	NSB7-A		9/16/2018 2:35:00 PM	9/17/2018
18090542-019B	NSB7-A		9/16/2018 2:35:00 PM	9/17/2018

Client: Hydrodynamics Consultant, Inc.

Project: Westwood Cleaners, 8731 West North Ave., Wauwatosa

Work Order Sample Summary

Work Order: 18090542 Revision 0

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
18090542-020A	NSB7-B		9/16/2018 2:50:00 PM	9/17/2018
18090542-020B	NSB7-B		9/16/2018 2:50:00 PM	9/17/2018
18090542-021A	NSB7-C		9/16/2018 3:06:00 PM	9/17/2018
18090542-021B	NSB7-C		9/16/2018 3:06:00 PM	9/17/2018
18090542-022A	NSB8-A		9/16/2018 3:25:00 PM	9/17/2018
18090542-022B	NSB8-A		9/16/2018 3:25:00 PM	9/17/2018
18090542-023A	NSB8-B		9/16/2018 3:40:00 PM	9/17/2018
18090542-023B	NSB8-B		9/16/2018 3:40:00 PM	9/17/2018
18090542-024A	NSB8-C		9/16/2018 3:56:00 PM	9/17/2018
18090542-024B	NSB8-C		9/16/2018 3:56:00 PM	9/17/2018
18090542-025A	NSB9-A		9/16/2018 4:15:00 PM	9/17/2018
18090542-025B	NSB9-A		9/16/2018 4:15:00 PM	9/17/2018
18090542-026A	NSB9-B		9/16/2018 4:30:00 PM	9/17/2018
18090542-026B	NSB9-B		9/16/2018 4:30:00 PM	9/17/2018
18090542-027A	NSB9-C		9/16/2018 4:46:00 PM	9/17/2018
18090542-027B	NSB9-C		9/16/2018 4:46:00 PM	9/17/2018
18090542-028A	NSB10-A		9/16/2018 5:03:00 PM	9/17/2018
18090542-028B	NSB10-A		9/16/2018 5:03:00 PM	9/17/2018
18090542-029A	NSB10-B		9/16/2018 5:17:00 PM	9/17/2018
18090542-029B	NSB10-B		9/16/2018 5:17:00 PM	9/17/2018
18090542-030A	NSB10-C		9/16/2018 5:33:00 PM	9/17/2018
18090542-030B	NSB10-C		9/16/2018 5:33:00 PM	9/17/2018
18090542-031A	NSB11-A		9/16/2018 5:50:00 PM	9/17/2018
18090542-031B	NSB11-A		9/16/2018 5:50:00 PM	9/17/2018
18090542-032A	NSB11-B		9/16/2018 6:06:00 PM	9/17/2018
18090542-032B	NSB11-B		9/16/2018 6:06:00 PM	9/17/2018
18090542-033A	NSB11-C		9/16/2018 6:21:00 PM	9/17/2018
18090542-033B	NSB11-C		9/16/2018 6:21:00 PM	9/17/2018
18090542-034A	NSB12-A		9/16/2018 6:38:00 PM	9/17/2018
18090542-034B	NSB12-A		9/16/2018 6:38:00 PM	9/17/2018
18090542-035A	NSB12-B		9/16/2018 6:53:00 PM	9/17/2018
18090542-035B	NSB12-B		9/16/2018 6:53:00 PM	9/17/2018
18090542-036A	NSB12-C		9/16/2018 7:10:00 PM	9/17/2018
18090542-036B	NSB12-C		9/16/2018 7:10:00 PM	9/17/2018

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-001

Client Sample ID: NSB1-A
Collection Date: 9/16/2018 9:38:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	0.039	0.072	0.0023	J	mg/Kg-dry	1	9/19/2018
Benzene	0.0030	0.0048	0.00019	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0048	0.00038		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0048	0.00038		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0097	0.00048		mg/Kg-dry	1	9/19/2018
2-Butanone	ND	0.072	0.0014		mg/Kg-dry	1	9/19/2018
Carbon disulfide	0.00086	0.048	0.00019	J	mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0048	0.00029		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0097	0.00038		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0097	0.00029		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0048	0.00038		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0048	0.00029		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0048	0.00057		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0048	0.00038		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0019	0.00019		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0019	0.00029		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.0019	0.0048	0.000097	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.019	0.00076		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.019	0.00029		mg/Kg-dry	1	9/19/2018
Methylene chloride	0.0010	0.0097	0.00076	J	mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/19/2018
Toluene	0.0058	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0048	0.00048		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0048	0.00038		mg/Kg-dry	1	9/19/2018
Xylenes, Total	0.0025	0.014	0.00038	J	mg/Kg-dry	1	9/19/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	16.1	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below reporting limit
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-002

Client Sample ID: NSB1-B

Collection Date: 9/16/2018 9:53:00 AM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: AET	
Acetone	0.017	0.071	0.0022	J	mg/Kg-dry	1	9/19/2018
Benzene	0.00082	0.0047	0.00019	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0047	0.00038		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0047	0.00038		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0095	0.00047		mg/Kg-dry	1	9/19/2018
2-Butanone	0.0045	0.071	0.0014	J	mg/Kg-dry	1	9/19/2018
Carbon disulfide	0.00072	0.047	0.00019	J	mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0047	0.00028		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0095	0.00038		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0095	0.00028		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0047	0.00038		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0047	0.00028		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0047	0.00057		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0047	0.00028		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0047	0.00028		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0047	0.00028		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0047	0.00038		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0019	0.00019		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0019	0.00028		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.00040	0.0047	0.000095	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.019	0.00076		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.019	0.00028		mg/Kg-dry	1	9/19/2018
Methylene chloride	ND	0.0095	0.00076		mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	0.00055	0.0047	0.00028	J	mg/Kg-dry	1	9/19/2018
Toluene	0.0012	0.0047	0.00019	J	mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0047	0.00047		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0047	0.00038		mg/Kg-dry	1	9/19/2018
Xylenes, Total	0.00089	0.014	0.00038	J	mg/Kg-dry	1	9/19/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	16.8	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

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RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-003

Client Sample ID: NSB1-C
Collection Date: 9/16/2018 10:09:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: AET	
Acetone	0.034	0.069	0.0021	J	mg/Kg-dry	1	9/19/2018
Benzene	0.00067	0.0046	0.00018	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0046	0.00037		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0046	0.00037		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0092	0.00046		mg/Kg-dry	1	9/19/2018
2-Butanone	ND	0.069	0.0014		mg/Kg-dry	1	9/19/2018
Carbon disulfide	0.00092	0.046	0.00018	J	mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0046	0.00028		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0092	0.00037		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0092	0.00028		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0046	0.00037		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0046	0.00028		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0046	0.00055		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0046	0.00028		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0046	0.00028		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0046	0.00028		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0046	0.00037		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0018	0.00018		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0018	0.00028		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.00031	0.0046	0.000092	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.018	0.00074		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.018	0.00028		mg/Kg-dry	1	9/19/2018
Methylene chloride	ND	0.0092	0.00074		mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	0.017	0.0046	0.00028		mg/Kg-dry	1	9/19/2018
Toluene	0.00092	0.0046	0.00018	J	mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0046	0.00046		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0046	0.00037		mg/Kg-dry	1	9/19/2018
Xylenes, Total	0.00048	0.014	0.00037	J	mg/Kg-dry	1	9/19/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	11.8	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below reporting limit
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
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Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-004

Client Sample ID: NSB2-A

Collection Date: 9/16/2018 10:26:00 AM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: AET	
Acetone	0.012	0.073	0.0022	J	mg/Kg-dry	1	9/19/2018
Benzene	0.00043	0.0048	0.00019	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0048	0.00039		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0048	0.00039		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0097	0.00048		mg/Kg-dry	1	9/19/2018
2-Butanone	ND	0.073	0.0015		mg/Kg-dry	1	9/19/2018
Carbon disulfide	0.00019	0.048	0.00019	J	mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0048	0.00029		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0097	0.00039		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0097	0.00029		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0048	0.00039		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0048	0.00029		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0048	0.00058		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0048	0.00039		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0019	0.00019		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0019	0.00029		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.00015	0.0048	0.000097	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.019	0.00078		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.019	0.00029		mg/Kg-dry	1	9/19/2018
Methylene chloride	ND	0.0097	0.00078		mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/19/2018
Toluene	0.00052	0.0048	0.00019	J	mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0048	0.00048		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0048	0.00019		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0048	0.00039		mg/Kg-dry	1	9/19/2018
Xylenes, Total	ND	0.015	0.00039		mg/Kg-dry	1	9/19/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	14.9	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-005

Client Sample ID: NSB2-B
Collection Date: 9/16/2018 10:43:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS				SW5035/8260B		Prep Date: 9/18/2018		Analyst: AET	
Acetone	0.016	0.058	0.0018	J	mg/Kg-dry	1	9/19/2018		
Benzene	0.00077	0.0038	0.00015	J	mg/Kg-dry	1	9/19/2018		
Bromodichloromethane	ND	0.0038	0.00031		mg/Kg-dry	1	9/19/2018		
Bromoform	ND	0.0038	0.00031		mg/Kg-dry	1	9/19/2018		
Bromomethane	ND	0.0077	0.00038		mg/Kg-dry	1	9/19/2018		
2-Butanone	0.0037	0.058	0.0012	J	mg/Kg-dry	1	9/19/2018		
Carbon disulfide	0.00032	0.038	0.00015	J	mg/Kg-dry	1	9/19/2018		
Carbon tetrachloride	ND	0.0038	0.00023		mg/Kg-dry	1	9/19/2018		
Chlorobenzene	ND	0.0038	0.00015		mg/Kg-dry	1	9/19/2018		
Chloroethane	ND	0.0077	0.00031		mg/Kg-dry	1	9/19/2018		
Chloroform	ND	0.0038	0.00015		mg/Kg-dry	1	9/19/2018		
Chloromethane	ND	0.0077	0.00023		mg/Kg-dry	1	9/19/2018		
Dibromochloromethane	ND	0.0038	0.00031		mg/Kg-dry	1	9/19/2018		
1,1-Dichloroethane	ND	0.0038	0.00023		mg/Kg-dry	1	9/19/2018		
1,2-Dichloroethane	ND	0.0038	0.00046		mg/Kg-dry	1	9/19/2018		
1,1-Dichloroethene	ND	0.0038	0.00023		mg/Kg-dry	1	9/19/2018		
cis-1,2-Dichloroethene	ND	0.0038	0.00023		mg/Kg-dry	1	9/19/2018		
trans-1,2-Dichloroethene	ND	0.0038	0.00023		mg/Kg-dry	1	9/19/2018		
1,2-Dichloropropane	ND	0.0038	0.00031		mg/Kg-dry	1	9/19/2018		
cis-1,3-Dichloropropene	ND	0.0015	0.00015		mg/Kg-dry	1	9/19/2018		
trans-1,3-Dichloropropene	ND	0.0015	0.00023		mg/Kg-dry	1	9/19/2018		
Ethylbenzene	0.00018	0.0038	0.000077	J	mg/Kg-dry	1	9/19/2018		
2-Hexanone	ND	0.015	0.00061		mg/Kg-dry	1	9/19/2018		
4-Methyl-2-pentanone	ND	0.015	0.00023		mg/Kg-dry	1	9/19/2018		
Methylene chloride	ND	0.0077	0.00061		mg/Kg-dry	1	9/19/2018		
Methyl tert-butyl ether	ND	0.0038	0.00015		mg/Kg-dry	1	9/19/2018		
Styrene	ND	0.0038	0.00015		mg/Kg-dry	1	9/19/2018		
1,1,2,2-Tetrachloroethane	ND	0.0038	0.00015		mg/Kg-dry	1	9/19/2018		
Tetrachloroethene	0.00047	0.0038	0.00023	J	mg/Kg-dry	1	9/19/2018		
Toluene	0.00063	0.0038	0.00015	J	mg/Kg-dry	1	9/19/2018		
1,1,1-Trichloroethane	ND	0.0038	0.00015		mg/Kg-dry	1	9/19/2018		
1,1,2-Trichloroethane	ND	0.0038	0.00038		mg/Kg-dry	1	9/19/2018		
Trichloroethene	ND	0.0038	0.00015		mg/Kg-dry	1	9/19/2018		
Vinyl chloride	ND	0.0038	0.00031		mg/Kg-dry	1	9/19/2018		
Xylenes, Total	ND	0.012	0.00031		mg/Kg-dry	1	9/19/2018		

Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	10.2	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below reporting limit
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-006

Client Sample ID: NSB2-C
Collection Date: 9/16/2018 10:59:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: AET	
Acetone	0.013	0.062	0.0019	J	mg/Kg-dry	1	9/19/2018
Benzene	0.0052	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0042	0.00033		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0042	0.00033		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0083	0.00042		mg/Kg-dry	1	9/19/2018
2-Butanone	0.0028	0.062	0.0012	J	mg/Kg-dry	1	9/19/2018
Carbon disulfide	0.00064	0.042	0.00017	J	mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0083	0.00033		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0083	0.00025		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0042	0.00033		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0042	0.0005		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0042	0.00033		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0017	0.00017		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0017	0.00025		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.0024	0.0042	0.000083	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.017	0.00067		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.017	0.00025		mg/Kg-dry	1	9/19/2018
Methylene chloride	ND	0.0083	0.00067		mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	0.038	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
Toluene	0.0087	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0042	0.00042		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0042	0.00033		mg/Kg-dry	1	9/19/2018
Xylenes, Total	0.0047	0.012	0.00033	J	mg/Kg-dry	1	9/19/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	14.2	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

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HT - Sample received past holding time

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H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-007

Client Sample ID: NSB3-A
Collection Date: 9/16/2018 11:15:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: AET	
Acetone	0.031	0.083	0.0025	J	mg/Kg-dry	1	9/19/2018
Benzene	0.00045	0.0055	0.00022	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0055	0.00044		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0055	0.00044		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.011	0.00055		mg/Kg-dry	1	9/19/2018
2-Butanone	0.0053	0.083	0.0017	J	mg/Kg-dry	1	9/19/2018
Carbon disulfide	0.00077	0.055	0.00022	J	mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0055	0.00033		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0055	0.00022		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.011	0.00044		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0055	0.00022		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.011	0.00033		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0055	0.00044		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0055	0.00033		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0055	0.00066		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0055	0.00033		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0055	0.00033		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0055	0.00033		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0055	0.00044		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0022	0.00022		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0022	0.00033		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.00030	0.0055	0.00011	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.022	0.00088		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.022	0.00033		mg/Kg-dry	1	9/19/2018
Methylene chloride	ND	0.011	0.00088		mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0055	0.00022		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0055	0.00022		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0055	0.00022		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	0.0017	0.0055	0.00033	J	mg/Kg-dry	1	9/19/2018
Toluene	0.00076	0.0055	0.00022	J	mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0055	0.00022		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0055	0.00055		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0055	0.00022		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0055	0.00044		mg/Kg-dry	1	9/19/2018
Xylenes, Total	0.00049	0.017	0.00044	J	mg/Kg-dry	1	9/19/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	7.5	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below reporting limit
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis
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Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-008

Client Sample ID: NSB3-B

Collection Date: 9/16/2018 11:31:00 AM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: ERP	
Acetone	0.0065	0.063	0.0019	J	mg/Kg-dry	1	9/19/2018
Benzene	0.0012	0.0042	0.00017	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0042	0.00034		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0042	0.00034		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0084	0.00042		mg/Kg-dry	1	9/19/2018
2-Butanone	ND	0.063	0.0013		mg/Kg-dry	1	9/19/2018
Carbon disulfide	0.00035	0.042	0.00017	J	mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0084	0.00034		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0084	0.00025		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0042	0.00034		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0042	0.00051		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0042	0.00034		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0017	0.00017		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0017	0.00025		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.00067	0.0042	0.000084	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.017	0.00067		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.017	0.00025		mg/Kg-dry	1	9/19/2018
Methylene chloride	ND	0.0084	0.00067		mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	0.00089	0.0042	0.00025	J	mg/Kg-dry	1	9/19/2018
Toluene	0.0020	0.0042	0.00017	J	mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0042	0.00042		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0042	0.00034		mg/Kg-dry	1	9/19/2018
Xylenes, Total	0.0013	0.013	0.00034	J	mg/Kg-dry	1	9/19/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	16.8	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Date Reported: September 29, 2018

Date Printed: September 29, 2018

ANALYTICAL RESULTS

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-009

Client Sample ID: NSB3-C

Collection Date: 9/16/2018 11:47:00 AM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS**SW5035/8260B**

Prep Date: 9/18/2018

Analyst: AET

Acetone	0.011	0.062	0.0019	J	mg/Kg-dry	1	9/19/2018
Benzene	0.0024	0.0041	0.00016	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0041	0.00033		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0041	0.00033		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0082	0.00041		mg/Kg-dry	1	9/19/2018
2-Butanone	0.0032	0.062	0.0012	J	mg/Kg-dry	1	9/19/2018
Carbon disulfide	0.00035	0.041	0.00016	J	mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0041	0.00025		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0041	0.00016		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0082	0.00033		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0041	0.00016		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0082	0.00025		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0041	0.00033		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0041	0.00025		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0041	0.00049		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0041	0.00025		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0041	0.00025		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0041	0.00025		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0041	0.00033		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0016	0.00016		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0016	0.00025		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.00070	0.0041	0.000082	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.016	0.00066		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.016	0.00025		mg/Kg-dry	1	9/19/2018
Methylene chloride	ND	0.0082	0.00066		mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0041	0.00016		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0041	0.00016		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0041	0.00016		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	0.00097	0.0041	0.00025	J	mg/Kg-dry	1	9/19/2018
Toluene	0.0032	0.0041	0.00016	J	mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0041	0.00016		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0041	0.00041		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0041	0.00016		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0041	0.00033		mg/Kg-dry	1	9/19/2018
Xylenes, Total	0.0013	0.012	0.00033	J	mg/Kg-dry	1	9/19/2018

Percent Moisture**D2974**

Prep Date: 9/18/2018

Analyst: VA

Percent Moisture	14.2	0.2	0.1	*	wt%	1	9/19/2018
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Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

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R - RPD outside accepted recovery limits

E - Value above quantitation range

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-010

Client Sample ID: NSB4-A

Collection Date: 9/16/2018 12:05:00 PM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: AET	
Acetone	0.093	0.074	0.0023		mg/Kg-dry	1	9/19/2018
Benzene	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0049	0.00039		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0049	0.00039		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0098	0.00049		mg/Kg-dry	1	9/19/2018
2-Butanone	0.0069	0.074	0.0015	J	mg/Kg-dry	1	9/19/2018
Carbon disulfide	0.00035	0.049	0.0002	J	mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0049	0.00029		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0098	0.00039		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0098	0.00029		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0049	0.00039		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0049	0.00029		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0049	0.00059		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0049	0.00029		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0049	0.00029		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0049	0.00029		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0049	0.00039		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0020	0.0002		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0020	0.00029		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.00015	0.0049	0.000098	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.020	0.00079		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.020	0.00029		mg/Kg-dry	1	9/19/2018
Methylene chloride	ND	0.0098	0.00079		mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	0.0026	0.0049	0.00029	J	mg/Kg-dry	1	9/19/2018
Toluene	0.00033	0.0049	0.0002	J	mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0049	0.00049		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0049	0.00039		mg/Kg-dry	1	9/19/2018
Xylenes, Total	ND	0.015	0.00039		mg/Kg-dry	1	9/19/2018
Organic Matter / Carbon		D2974		Prep Date: 9/19/2018		Analyst: VA	
Organic Matter	2.99	0.01		*	wt%	1	9/20/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

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E - Value above quantitation range

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-010

Client Sample ID: NSB4-A

Collection Date: 9/16/2018 12:05:00 PM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Percent Moisture	D2974						Prep Date: 9/18/2018 Analyst: VA
Percent Moisture	18.1	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

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Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-011

Client Sample ID: NSB4-B

Collection Date: 9/16/2018 12:21:00 PM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: ERP	
Acetone	0.016	0.069	0.0021	J	mg/Kg-dry	1	9/19/2018
Benzene	0.00050	0.0046	0.00018	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0046	0.00037		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0046	0.00037		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0091	0.00046		mg/Kg-dry	1	9/19/2018
2-Butanone	ND	0.069	0.0014		mg/Kg-dry	1	9/19/2018
Carbon disulfide	0.00032	0.046	0.00018	J	mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0046	0.00027		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0091	0.00037		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0091	0.00027		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0046	0.00037		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0046	0.00027		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0046	0.00055		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0046	0.00037		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0018	0.00018		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0018	0.00027		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.00014	0.0046	0.000091	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.018	0.00073		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.018	0.00027		mg/Kg-dry	1	9/19/2018
Methylene chloride	0.0038	0.0091	0.00073	J	mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/19/2018
Toluene	0.00035	0.0046	0.00018	J	mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0046	0.00046		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0046	0.00018		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0046	0.00037		mg/Kg-dry	1	9/19/2018
Xylenes, Total	ND	0.014	0.00037		mg/Kg-dry	1	9/19/2018
Organic Matter / Carbon		D2974		Prep Date: 9/19/2018		Analyst: VA	
Organic Matter	4.62	0.01		*	wt%	1	9/20/2018

ND - Not Detected at the Reporting Limit

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

Qualifiers: J - Analyte detected below reporting limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: NSB4-B

Work Order: 18090542 Revision 0

Collection Date: 9/16/2018 12:21:00 PM

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Matrix: SOIL

Lab ID: 18090542-011

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Percent Moisture	D2974						Prep Date: 9/18/2018 Analyst: VA
Percent Moisture	16.3	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Date Reported: September 29, 2018

Date Printed: September 29, 2018

ANALYTICAL RESULTS

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-012

Client Sample ID: NSB4-C

Collection Date: 9/16/2018 12:38:00 PM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: ERP	
Acetone	0.0077	0.060	0.0018	J	mg/Kg-dry	1	9/19/2018
Benzene	0.00031	0.0040	0.00016	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0040	0.00032		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0040	0.00032		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0080	0.0004		mg/Kg-dry	1	9/19/2018
2-Butanone	ND	0.060	0.0012		mg/Kg-dry	1	9/19/2018
Carbon disulfide	0.00021	0.040	0.00016	J	mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0040	0.00024		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0040	0.00016		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0080	0.00032		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0040	0.00016		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0080	0.00024		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0040	0.00032		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0040	0.00024		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0040	0.00048		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0040	0.00024		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0040	0.00024		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0040	0.00024		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0040	0.00032		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0016	0.00016		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0016	0.00024		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.00019	0.0040	0.00008	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.016	0.00064		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.016	0.00024		mg/Kg-dry	1	9/19/2018
Methylene chloride	ND	0.0080	0.00064		mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0040	0.00016		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0040	0.00016		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0040	0.00016		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	ND	0.0040	0.00024		mg/Kg-dry	1	9/19/2018
Toluene	0.00043	0.0040	0.00016	J	mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0040	0.00016		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0040	0.0004		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0040	0.00016		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0040	0.00032		mg/Kg-dry	1	9/19/2018
Xylenes, Total	ND	0.012	0.00032		mg/Kg-dry	1	9/19/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	8.7	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-013

Client Sample ID: NSB5-A
Collection Date: 9/16/2018 12:55:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	0.017	0.068	0.0021	J	mg/Kg-dry	1	9/19/2018
Benzene	0.0039	0.0045	0.00018	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0045	0.00036		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0045	0.00036		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0091	0.00045		mg/Kg-dry	1	9/19/2018
2-Butanone	ND	0.068	0.0014		mg/Kg-dry	1	9/19/2018
Carbon disulfide	0.00028	0.045	0.00018	J	mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0045	0.00027		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0091	0.00036		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0091	0.00027		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0045	0.00036		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0045	0.00027		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0045	0.00055		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0045	0.00027		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0045	0.00027		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0045	0.00027		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0045	0.00036		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0018	0.00018		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0018	0.00027		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.0018	0.0045	0.000091	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.018	0.00073		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.018	0.00027		mg/Kg-dry	1	9/19/2018
Methylene chloride	0.00088	0.0091	0.00073	J	mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	0.21	0.0045	0.00027		mg/Kg-dry	1	9/19/2018
Toluene	0.0067	0.0045	0.00018		mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0045	0.00045		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0045	0.00036		mg/Kg-dry	1	9/19/2018
Xylenes, Total	0.0042	0.014	0.00036	J	mg/Kg-dry	1	9/19/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	15.5	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below reporting limit
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-014

Client Sample ID: NSB5-B
Collection Date: 9/16/2018 1:10:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: ERP	
Acetone	ND	4.0	0.12		mg/Kg-dry	50	9/20/2018
Benzene	ND	0.27	0.011		mg/Kg-dry	50	9/20/2018
Bromodichloromethane	ND	0.27	0.022		mg/Kg-dry	50	9/20/2018
Bromoform	ND	0.27	0.022		mg/Kg-dry	50	9/20/2018
Bromomethane	ND	0.54	0.027		mg/Kg-dry	50	9/20/2018
2-Butanone	ND	4.0	0.081		mg/Kg-dry	50	9/20/2018
Carbon disulfide	ND	2.7	0.011		mg/Kg-dry	50	9/20/2018
Carbon tetrachloride	ND	0.27	0.016		mg/Kg-dry	50	9/20/2018
Chlorobenzene	ND	0.27	0.011		mg/Kg-dry	50	9/20/2018
Chloroethane	ND	0.54	0.022		mg/Kg-dry	50	9/20/2018
Chloroform	ND	0.27	0.011		mg/Kg-dry	50	9/20/2018
Chloromethane	ND	0.54	0.016		mg/Kg-dry	50	9/20/2018
Dibromochloromethane	ND	0.27	0.022		mg/Kg-dry	50	9/20/2018
1,1-Dichloroethane	ND	0.27	0.016		mg/Kg-dry	50	9/20/2018
1,2-Dichloroethane	ND	0.27	0.032		mg/Kg-dry	50	9/20/2018
1,1-Dichloroethene	ND	0.27	0.016		mg/Kg-dry	50	9/20/2018
cis-1,2-Dichloroethene	ND	0.27	0.016		mg/Kg-dry	50	9/20/2018
trans-1,2-Dichloroethene	ND	0.27	0.016		mg/Kg-dry	50	9/20/2018
1,2-Dichloropropane	ND	0.27	0.022		mg/Kg-dry	50	9/20/2018
cis-1,3-Dichloropropene	ND	0.11	0.011		mg/Kg-dry	50	9/20/2018
trans-1,3-Dichloropropene	ND	0.11	0.016		mg/Kg-dry	50	9/20/2018
Ethylbenzene	ND	0.27	0.0054		mg/Kg-dry	50	9/20/2018
2-Hexanone	ND	1.1	0.043		mg/Kg-dry	50	9/20/2018
4-Methyl-2-pentanone	ND	1.1	0.016		mg/Kg-dry	50	9/20/2018
Methylene chloride	ND	0.54	0.043		mg/Kg-dry	50	9/20/2018
Methyl tert-butyl ether	ND	0.27	0.011		mg/Kg-dry	50	9/20/2018
Styrene	ND	0.27	0.011		mg/Kg-dry	50	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.27	0.011		mg/Kg-dry	50	9/20/2018
Tetrachloroethene	2.1	0.27	0.016		mg/Kg-dry	50	9/20/2018
Toluene	ND	0.27	0.011		mg/Kg-dry	50	9/20/2018
1,1,1-Trichloroethane	ND	0.27	0.011		mg/Kg-dry	50	9/20/2018
1,1,2-Trichloroethane	ND	0.27	0.027		mg/Kg-dry	50	9/20/2018
Trichloroethene	0.053	0.27	0.011	J	mg/Kg-dry	50	9/20/2018
Vinyl chloride	ND	0.27	0.022		mg/Kg-dry	50	9/20/2018
Xylenes, Total	ND	0.81	0.022		mg/Kg-dry	50	9/20/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	21.5	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below reporting limit
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter
 RL/MDL - Reporting Limit / Method Detection Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-015

Client Sample ID: NSB5-C

Collection Date: 9/16/2018 1:26:00 PM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	0.014	0.063	0.0019	J	mg/Kg-dry	1	9/19/2018
Benzene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0042	0.00034		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0042	0.00034		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0084	0.00042		mg/Kg-dry	1	9/19/2018
2-Butanone	ND	0.063	0.0013		mg/Kg-dry	1	9/19/2018
Carbon disulfide	ND	0.042	0.00017		mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0084	0.00034		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0084	0.00025		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0042	0.00034		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0042	0.00051		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0042	0.00034		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0017	0.00017		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0017	0.00025		mg/Kg-dry	1	9/19/2018
Ethylbenzene	ND	0.0042	0.000084		mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.017	0.00067		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.017	0.00025		mg/Kg-dry	1	9/19/2018
Methylene chloride	ND	0.0084	0.00067		mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
Toluene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0042	0.00042		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0042	0.00034		mg/Kg-dry	1	9/19/2018
Xylenes, Total	ND	0.013	0.00034		mg/Kg-dry	1	9/19/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	16.9	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

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E - Value above quantitation range

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: NSB6-A

Work Order: 18090542 Revision 0

Collection Date: 9/16/2018 1:45:00 PM

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Matrix: SOIL

Lab ID: 18090542-016

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS**SW5035/8260B**

Prep Date: 9/18/2018

Analyst: ERP

Acetone	ND	4.3	0.13		mg/Kg-dry	50	9/20/2018
Benzene	ND	0.29	0.011		mg/Kg-dry	50	9/20/2018
Bromodichloromethane	ND	0.29	0.023		mg/Kg-dry	50	9/20/2018
Bromoform	ND	0.29	0.023		mg/Kg-dry	50	9/20/2018
Bromomethane	ND	0.57	0.029		mg/Kg-dry	50	9/20/2018
2-Butanone	ND	4.3	0.086		mg/Kg-dry	50	9/20/2018
Carbon disulfide	0.011	2.9	0.011	J	mg/Kg-dry	50	9/20/2018
Carbon tetrachloride	ND	0.29	0.017		mg/Kg-dry	50	9/20/2018
Chlorobenzene	ND	0.29	0.011		mg/Kg-dry	50	9/20/2018
Chloroethane	ND	0.57	0.023		mg/Kg-dry	50	9/20/2018
Chloroform	ND	0.29	0.011		mg/Kg-dry	50	9/20/2018
Chloromethane	ND	0.57	0.017		mg/Kg-dry	50	9/20/2018
Dibromochloromethane	ND	0.29	0.023		mg/Kg-dry	50	9/20/2018
1,1-Dichloroethane	ND	0.29	0.017		mg/Kg-dry	50	9/20/2018
1,2-Dichloroethane	ND	0.29	0.034		mg/Kg-dry	50	9/20/2018
1,1-Dichloroethene	ND	0.29	0.017		mg/Kg-dry	50	9/20/2018
cis-1,2-Dichloroethene	ND	0.29	0.017		mg/Kg-dry	50	9/20/2018
trans-1,2-Dichloroethene	ND	0.29	0.017		mg/Kg-dry	50	9/20/2018
1,2-Dichloropropane	ND	0.29	0.023		mg/Kg-dry	50	9/20/2018
cis-1,3-Dichloropropene	ND	0.11	0.011		mg/Kg-dry	50	9/20/2018
trans-1,3-Dichloropropene	ND	0.11	0.017		mg/Kg-dry	50	9/20/2018
Ethylbenzene	ND	0.29	0.0057		mg/Kg-dry	50	9/20/2018
2-Hexanone	ND	1.1	0.046		mg/Kg-dry	50	9/20/2018
4-Methyl-2-pentanone	ND	1.1	0.017		mg/Kg-dry	50	9/20/2018
Methylene chloride	ND	0.57	0.046		mg/Kg-dry	50	9/20/2018
Methyl tert-butyl ether	ND	0.29	0.011		mg/Kg-dry	50	9/20/2018
Styrene	ND	0.29	0.011		mg/Kg-dry	50	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.29	0.011		mg/Kg-dry	50	9/20/2018
Tetrachloroethene	6.3	0.29	0.017		mg/Kg-dry	50	9/20/2018
Toluene	ND	0.29	0.011		mg/Kg-dry	50	9/20/2018
1,1,1-Trichloroethane	ND	0.29	0.011		mg/Kg-dry	50	9/20/2018
1,1,2-Trichloroethane	ND	0.29	0.029		mg/Kg-dry	50	9/20/2018
Trichloroethene	0.75	0.29	0.011		mg/Kg-dry	50	9/20/2018
Vinyl chloride	ND	0.29	0.023		mg/Kg-dry	50	9/20/2018
Xylenes, Total	ND	0.86	0.023		mg/Kg-dry	50	9/20/2018

Percent Moisture**D2974**

Prep Date: 9/18/2018

Analyst: VA

Percent Moisture	19.1	0.2	0.1	*	wt%	1	9/19/2018
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Qualifiers:

ND - Not Detected at the Reporting Limit

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

J - Analyte detected below reporting limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-017

Client Sample ID: NSB6-B
Collection Date: 9/16/2018 2:01:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS			SW5035/8260B	Prep Date: 9/18/2018		Analyst: MJK	
Acetone	0.016	0.071	0.0022	J	mg/Kg-dry	1	9/19/2018
Benzene	0.00067	0.0047	0.00019	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0047	0.00038		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0047	0.00038		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0094	0.00047		mg/Kg-dry	1	9/19/2018
2-Butanone	ND	0.071	0.0014		mg/Kg-dry	1	9/19/2018
Carbon disulfide	ND	0.047	0.00019		mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0047	0.00028		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0094	0.00038		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0094	0.00028		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0047	0.00038		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0047	0.00028		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0047	0.00057		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0047	0.00028		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	0.0043	0.0047	0.00028	J	mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	0.00078	0.0047	0.00028	J	mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0047	0.00038		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0019	0.00019		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0019	0.00028		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.00031	0.0047	0.000094	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.019	0.00075		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.019	0.00028		mg/Kg-dry	1	9/19/2018
Methylene chloride	ND	0.0094	0.00075		mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	1.5	0.25	0.015		mg/Kg-dry	50	9/22/2018
Toluene	0.0010	0.0047	0.00019	J	mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0047	0.00047		mg/Kg-dry	1	9/19/2018
Trichloroethene	0.060	0.0047	0.00019		mg/Kg-dry	1	9/19/2018
Vinyl chloride	0.0027	0.0047	0.00038	J	mg/Kg-dry	1	9/19/2018
Xylenes, Total	ND	0.014	0.00038		mg/Kg-dry	1	9/19/2018

Percent Moisture			D2974	Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	19.3	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below reporting limit
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
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Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-018

Client Sample ID: NSB6-C

Collection Date: 9/16/2018 2:18:00 PM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW8260B		Prep Date: 9/20/2018		Analyst: ERP	
Acetone	0.019	0.090	0.0028	J	mg/Kg-dry	1	9/20/2018
Benzene	ND	0.0060	0.00024		mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0060	0.00048		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0060	0.00048		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.012	0.0006		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.090	0.0018		mg/Kg-dry	1	9/20/2018
Carbon disulfide	0.00054	0.060	0.00024	J	mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0060	0.00036		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0060	0.00024		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.012	0.00048		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0060	0.00024		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.012	0.00036		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0060	0.00048		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0060	0.00036		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0060	0.00072		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0060	0.00036		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	ND	0.0060	0.00036		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0060	0.00036		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0060	0.00048		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0024	0.00024		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0024	0.00036		mg/Kg-dry	1	9/20/2018
Ethylbenzene	ND	0.0060	0.00012		mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.024	0.00096		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.024	0.00036		mg/Kg-dry	1	9/20/2018
Methylene chloride	ND	0.012	0.00096		mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0060	0.00024		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0060	0.00024		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0060	0.00024		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	0.0014	0.0060	0.00036	J	mg/Kg-dry	1	9/20/2018
Toluene	ND	0.0060	0.00024		mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0060	0.00024		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0060	0.0006		mg/Kg-dry	1	9/20/2018
Trichloroethene	ND	0.0060	0.00024		mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0060	0.00048		mg/Kg-dry	1	9/20/2018
Xylenes, Total	ND	0.018	0.00048		mg/Kg-dry	1	9/20/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	9.6	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-019

Client Sample ID: NSB7-A
Collection Date: 9/16/2018 2:35:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	0.077	0.062	0.0019		mg/Kg-dry	1	9/19/2018
Benzene	0.00051	0.0042	0.00017	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0042	0.00033		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0042	0.00033		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0083	0.00042		mg/Kg-dry	1	9/19/2018
2-Butanone	ND	0.062	0.0012		mg/Kg-dry	1	9/19/2018
Carbon disulfide	0.0017	0.042	0.00017	J	mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0083	0.00033		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0083	0.00025		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0042	0.00033		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0042	0.0005		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0042	0.00033		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0017	0.00017		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0017	0.00025		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.00037	0.0042	0.000083	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.017	0.00066		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.017	0.00025		mg/Kg-dry	1	9/19/2018
Methylene chloride	0.0026	0.0083	0.00066	J	mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	0.0042	0.0042	0.00025	J	mg/Kg-dry	1	9/19/2018
Toluene	0.0011	0.0042	0.00017	J	mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0042	0.00042		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0042	0.00017		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0042	0.00033		mg/Kg-dry	1	9/19/2018
Xylenes, Total	0.00056	0.012	0.00033	J	mg/Kg-dry	1	9/19/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	13.5	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below reporting limit
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-020

Client Sample ID: NSB7-B
Collection Date: 9/16/2018 2:50:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS				SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	0.050	0.067	0.0021	J	mg/Kg-dry	1	9/19/2018		
Benzene	0.0010	0.0045	0.00018	J	mg/Kg-dry	1	9/19/2018		
Bromodichloromethane	ND	0.0045	0.00036		mg/Kg-dry	1	9/19/2018		
Bromoform	ND	0.0045	0.00036		mg/Kg-dry	1	9/19/2018		
Bromomethane	ND	0.0090	0.00045		mg/Kg-dry	1	9/19/2018		
2-Butanone	ND	0.067	0.0013		mg/Kg-dry	1	9/19/2018		
Carbon disulfide	0.0040	0.045	0.00018	J	mg/Kg-dry	1	9/19/2018		
Carbon tetrachloride	ND	0.0045	0.00027		mg/Kg-dry	1	9/19/2018		
Chlorobenzene	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018		
Chloroethane	ND	0.0090	0.00036		mg/Kg-dry	1	9/19/2018		
Chloroform	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018		
Chloromethane	ND	0.0090	0.00027		mg/Kg-dry	1	9/19/2018		
Dibromochloromethane	ND	0.0045	0.00036		mg/Kg-dry	1	9/19/2018		
1,1-Dichloroethane	ND	0.0045	0.00027		mg/Kg-dry	1	9/19/2018		
1,2-Dichloroethane	ND	0.0045	0.00054		mg/Kg-dry	1	9/19/2018		
1,1-Dichloroethene	ND	0.0045	0.00027		mg/Kg-dry	1	9/19/2018		
cis-1,2-Dichloroethene	ND	0.0045	0.00027		mg/Kg-dry	1	9/19/2018		
trans-1,2-Dichloroethene	ND	0.0045	0.00027		mg/Kg-dry	1	9/19/2018		
1,2-Dichloropropane	ND	0.0045	0.00036		mg/Kg-dry	1	9/19/2018		
cis-1,3-Dichloropropene	ND	0.0018	0.00018		mg/Kg-dry	1	9/19/2018		
trans-1,3-Dichloropropene	ND	0.0018	0.00027		mg/Kg-dry	1	9/19/2018		
Ethylbenzene	ND	0.0045	0.00009		mg/Kg-dry	1	9/19/2018		
2-Hexanone	ND	0.018	0.00072		mg/Kg-dry	1	9/19/2018		
4-Methyl-2-pentanone	ND	0.018	0.00027		mg/Kg-dry	1	9/19/2018		
Methylene chloride	0.0034	0.0090	0.00072	J	mg/Kg-dry	1	9/19/2018		
Methyl tert-butyl ether	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018		
Styrene	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018		
1,1,2,2-Tetrachloroethane	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018		
Tetrachloroethene	0.011	0.0045	0.00027		mg/Kg-dry	1	9/19/2018		
Toluene	0.0020	0.0045	0.00018	J	mg/Kg-dry	1	9/19/2018		
1,1,1-Trichloroethane	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018		
1,1,2-Trichloroethane	ND	0.0045	0.00045		mg/Kg-dry	1	9/19/2018		
Trichloroethene	ND	0.0045	0.00018		mg/Kg-dry	1	9/19/2018		
Vinyl chloride	ND	0.0045	0.00036		mg/Kg-dry	1	9/19/2018		
Xylenes, Total	0.00085	0.013	0.00036	J	mg/Kg-dry	1	9/19/2018		

Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	18.4	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below reporting limit
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis
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 E - Value above quantitation range
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Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: NSB7-C

Work Order: 18090542 Revision 0

Collection Date: 9/16/2018 3:06:00 PM

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Matrix: SOIL

Lab ID: 18090542-021

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS

SW5035/8260B

Prep Date: 9/18/2018

Analyst: MJK

Acetone	0.0081	0.074	0.0023	J	mg/Kg-dry	1	9/19/2018
Benzene	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0049	0.00039		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0049	0.00039		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0098	0.00049		mg/Kg-dry	1	9/19/2018
2-Butanone	ND	0.074	0.0015		mg/Kg-dry	1	9/19/2018
Carbon disulfide	ND	0.049	0.0002		mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0049	0.0003		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0098	0.00039		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0098	0.0003		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0049	0.00039		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0049	0.0003		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0049	0.00059		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0049	0.0003		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0049	0.0003		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0049	0.0003		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0049	0.00039		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0020	0.0002		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0020	0.0003		mg/Kg-dry	1	9/19/2018
Ethylbenzene	ND	0.0049	0.000098		mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.020	0.00079		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.020	0.0003		mg/Kg-dry	1	9/19/2018
Methylene chloride	ND	0.0098	0.00079		mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	ND	0.0049	0.0003		mg/Kg-dry	1	9/19/2018
Toluene	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0049	0.00049		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0049	0.0002		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0049	0.00039		mg/Kg-dry	1	9/19/2018
Xylenes, Total	ND	0.015	0.00039		mg/Kg-dry	1	9/19/2018

Percent Moisture

D2974

Prep Date: 9/18/2018

Analyst: VA

Percent Moisture	10.5	0.2	0.1	*	wt%	1	9/19/2018
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Qualifiers:

ND - Not Detected at the Reporting Limit

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

J - Analyte detected below reporting limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

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Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-022

Client Sample ID: NSB8-A
Collection Date: 9/16/2018 3:25:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	0.031	0.065	0.002	J	mg/Kg-dry	1	9/19/2018
Benzene	0.00089	0.0043	0.00017	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0043	0.00034		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0043	0.00034		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.0086	0.00043		mg/Kg-dry	1	9/19/2018
2-Butanone	ND	0.065	0.0013		mg/Kg-dry	1	9/19/2018
Carbon disulfide	ND	0.043	0.00017		mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0043	0.00026		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0043	0.00017		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.0086	0.00034		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0043	0.00017		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.0086	0.00026		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0043	0.00034		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0043	0.00026		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0043	0.00052		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0043	0.00026		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0043	0.00026		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0043	0.00026		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0043	0.00034		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0017	0.00017		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0017	0.00026		mg/Kg-dry	1	9/19/2018
Ethylbenzene	0.00052	0.0043	0.000086	J	mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.017	0.00069		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.017	0.00026		mg/Kg-dry	1	9/19/2018
Methylene chloride	0.0024	0.0086	0.00069	J	mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0043	0.00017		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0043	0.00017		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0043	0.00017		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	ND	0.0043	0.00026		mg/Kg-dry	1	9/19/2018
Toluene	0.0015	0.0043	0.00017	J	mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0043	0.00017		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0043	0.00043		mg/Kg-dry	1	9/19/2018
Trichloroethene	ND	0.0043	0.00017		mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0043	0.00034		mg/Kg-dry	1	9/19/2018
Xylenes, Total	ND	0.013	0.00034		mg/Kg-dry	1	9/19/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	15.6	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:
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 J - Analyte detected below reporting limit
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis
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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-023

Client Sample ID: NSB8-B

Collection Date: 9/16/2018 3:40:00 PM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	ND	0.078	0.0024		mg/Kg-dry	1	9/19/2018
Benzene	0.00061	0.0052	0.00021	J	mg/Kg-dry	1	9/19/2018
Bromodichloromethane	ND	0.0052	0.00042		mg/Kg-dry	1	9/19/2018
Bromoform	ND	0.0052	0.00042		mg/Kg-dry	1	9/19/2018
Bromomethane	ND	0.010	0.00052		mg/Kg-dry	1	9/19/2018
2-Butanone	ND	0.078	0.0016		mg/Kg-dry	1	9/19/2018
Carbon disulfide	ND	0.052	0.00021		mg/Kg-dry	1	9/19/2018
Carbon tetrachloride	ND	0.0052	0.00031		mg/Kg-dry	1	9/19/2018
Chlorobenzene	ND	0.0052	0.00021		mg/Kg-dry	1	9/19/2018
Chloroethane	ND	0.010	0.00042		mg/Kg-dry	1	9/19/2018
Chloroform	ND	0.0052	0.00021		mg/Kg-dry	1	9/19/2018
Chloromethane	ND	0.010	0.00031		mg/Kg-dry	1	9/19/2018
Dibromochloromethane	ND	0.0052	0.00042		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethane	ND	0.0052	0.00031		mg/Kg-dry	1	9/19/2018
1,2-Dichloroethane	ND	0.0052	0.00062		mg/Kg-dry	1	9/19/2018
1,1-Dichloroethene	ND	0.0052	0.00031		mg/Kg-dry	1	9/19/2018
cis-1,2-Dichloroethene	ND	0.0052	0.00031		mg/Kg-dry	1	9/19/2018
trans-1,2-Dichloroethene	ND	0.0052	0.00031		mg/Kg-dry	1	9/19/2018
1,2-Dichloropropane	ND	0.0052	0.00042		mg/Kg-dry	1	9/19/2018
cis-1,3-Dichloropropene	ND	0.0021	0.00021		mg/Kg-dry	1	9/19/2018
trans-1,3-Dichloropropene	ND	0.0021	0.00031		mg/Kg-dry	1	9/19/2018
Ethylbenzene	ND	0.0052	0.0001		mg/Kg-dry	1	9/19/2018
2-Hexanone	ND	0.021	0.00083		mg/Kg-dry	1	9/19/2018
4-Methyl-2-pentanone	ND	0.021	0.00031		mg/Kg-dry	1	9/19/2018
Methylene chloride	ND	0.010	0.00083		mg/Kg-dry	1	9/19/2018
Methyl tert-butyl ether	ND	0.0052	0.00021		mg/Kg-dry	1	9/19/2018
Styrene	ND	0.0052	0.00021		mg/Kg-dry	1	9/19/2018
1,1,2,2-Tetrachloroethane	ND	0.0052	0.00021		mg/Kg-dry	1	9/19/2018
Tetrachloroethene	ND	0.0052	0.00031		mg/Kg-dry	1	9/19/2018
Toluene	0.0011	0.0052	0.00021	J	mg/Kg-dry	1	9/19/2018
1,1,1-Trichloroethane	ND	0.0052	0.00021		mg/Kg-dry	1	9/19/2018
1,1,2-Trichloroethane	ND	0.0052	0.00052		mg/Kg-dry	1	9/19/2018
Trichloroethene	0.0022	0.0052	0.00021	J	mg/Kg-dry	1	9/19/2018
Vinyl chloride	ND	0.0052	0.00042		mg/Kg-dry	1	9/19/2018
Xylenes, Total	0.00064	0.016	0.00042	J	mg/Kg-dry	1	9/19/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	20.7	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-024

Client Sample ID: NSB8-C
Collection Date: 9/16/2018 3:56:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	0.025	0.068	0.0021	J	mg/Kg-dry	1	9/20/2018
Benzene	0.00027	0.0046	0.00018	J	mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0046	0.00036		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0046	0.00036		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.0091	0.00046		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.068	0.0014		mg/Kg-dry	1	9/20/2018
Carbon disulfide	ND	0.046	0.00018		mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.0091	0.00036		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.0091	0.00027		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0046	0.00036		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0046	0.00055		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0046	0.00036		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0018	0.00018		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0018	0.00027		mg/Kg-dry	1	9/20/2018
Ethylbenzene	ND	0.0046	0.000091		mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.018	0.00073		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.018	0.00027		mg/Kg-dry	1	9/20/2018
Methylene chloride	0.0015	0.0091	0.00073	J	mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
Toluene	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0046	0.00046		mg/Kg-dry	1	9/20/2018
Trichloroethene	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0046	0.00036		mg/Kg-dry	1	9/20/2018
Xylenes, Total	ND	0.014	0.00036		mg/Kg-dry	1	9/20/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	14.6	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-025

Client Sample ID: NSB9-A

Collection Date: 9/16/2018 4:15:00 PM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	0.066	0.075	0.0023	J	mg/Kg-dry	1	9/20/2018
Benzene	ND	0.0050	0.0002		mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0050	0.0004		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0050	0.0004		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.010	0.0005		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.075	0.0015		mg/Kg-dry	1	9/20/2018
Carbon disulfide	ND	0.050	0.0002		mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0050	0.0003		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0050	0.0002		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.010	0.0004		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0050	0.0002		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.010	0.0003		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0050	0.0004		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0050	0.0003		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0050	0.0006		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0050	0.0003		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	ND	0.0050	0.0003		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0050	0.0003		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0050	0.0004		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0020	0.0002		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0020	0.0003		mg/Kg-dry	1	9/20/2018
Ethylbenzene	ND	0.0050	0.0001		mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.020	0.0008		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.020	0.0003		mg/Kg-dry	1	9/20/2018
Methylene chloride	0.0020	0.010	0.0008	J	mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0050	0.0002		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0050	0.0002		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0050	0.0002		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	0.014	0.0050	0.0003		mg/Kg-dry	1	9/20/2018
Toluene	ND	0.0050	0.0002		mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0050	0.0002		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0050	0.0005		mg/Kg-dry	1	9/20/2018
Trichloroethene	ND	0.0050	0.0002		mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0050	0.0004		mg/Kg-dry	1	9/20/2018
Xylenes, Total	ND	0.015	0.0004		mg/Kg-dry	1	9/20/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	19.5	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: NSB9-B

Work Order: 18090542 Revision 0

Collection Date: 9/16/2018 4:30:00 PM

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Matrix: SOIL

Lab ID: 18090542-026

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS**SW5035/8260B**

Prep Date: 9/18/2018

Analyst: MJK

Acetone	ND	0.078	0.0024		mg/Kg-dry	1	9/20/2018
Benzene	0.00097	0.0052	0.00021	J	mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0052	0.00042		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0052	0.00042		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.010	0.00052		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.078	0.0016		mg/Kg-dry	1	9/20/2018
Carbon disulfide	ND	0.052	0.00021		mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0052	0.00031		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0052	0.00021		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.010	0.00042		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0052	0.00021		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.010	0.00031		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0052	0.00042		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0052	0.00031		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0052	0.00062		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0052	0.00031		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	0.0080	0.0052	0.00031		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0052	0.00031		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0052	0.00042		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0021	0.00021		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0021	0.00031		mg/Kg-dry	1	9/20/2018
Ethylbenzene	0.00067	0.0052	0.0001	J	mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.021	0.00083		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.021	0.00031		mg/Kg-dry	1	9/20/2018
Methylene chloride	0.0013	0.010	0.00083	J	mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0052	0.00021		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0052	0.00021		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0052	0.00021		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	ND	0.0052	0.00031		mg/Kg-dry	1	9/20/2018
Toluene	0.0017	0.0052	0.00021	J	mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0052	0.00021		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0052	0.00052		mg/Kg-dry	1	9/20/2018
Trichloroethene	0.0049	0.0052	0.00021	J	mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0052	0.00042		mg/Kg-dry	1	9/20/2018
Xylenes, Total	ND	0.016	0.00042		mg/Kg-dry	1	9/20/2018

Percent Moisture**D2974**

Prep Date: 9/18/2018

Analyst: VA

Percent Moisture	24.1	0.2	0.1	*	wt%	1	9/19/2018
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Qualifiers:

ND - Not Detected at the Reporting Limit

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

J - Analyte detected below reporting limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: NSB9-C

Work Order: 18090542 Revision 0

Collection Date: 9/16/2018 4:46:00 PM

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Matrix: SOIL

Lab ID: 18090542-027

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS**SW5035/8260B**

Prep Date: 9/18/2018

Analyst: MJK

Acetone	0.032	0.062	0.0019	J	mg/Kg-dry	1	9/20/2018
Benzene	0.0018	0.0041	0.00017	J	mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0041	0.00033		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0041	0.00033		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.0083	0.00041		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.062	0.0012		mg/Kg-dry	1	9/20/2018
Carbon disulfide	ND	0.041	0.00017		mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0041	0.00025		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0041	0.00017		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.0083	0.00033		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0041	0.00017		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.0083	0.00025		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0041	0.00033		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0041	0.00025		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0041	0.0005		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0041	0.00025		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	ND	0.0041	0.00025		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0041	0.00025		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0041	0.00033		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0017	0.00017		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0017	0.00025		mg/Kg-dry	1	9/20/2018
Ethylbenzene	0.00051	0.0041	0.000083	J	mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.017	0.00066		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.017	0.00025		mg/Kg-dry	1	9/20/2018
Methylene chloride	0.0012	0.0083	0.00066	J	mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0041	0.00017		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0041	0.00017		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0041	0.00017		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	ND	0.0041	0.00025		mg/Kg-dry	1	9/20/2018
Toluene	0.0023	0.0041	0.00017	J	mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0041	0.00017		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0041	0.00041		mg/Kg-dry	1	9/20/2018
Trichloroethene	ND	0.0041	0.00017		mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0041	0.00033		mg/Kg-dry	1	9/20/2018
Xylenes, Total	ND	0.012	0.00033		mg/Kg-dry	1	9/20/2018

Percent Moisture**D2974**

Prep Date: 9/18/2018

Analyst: VA

Percent Moisture	10	0.2	0.1	*	wt%	1	9/19/2018
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Qualifiers:

ND - Not Detected at the Reporting Limit

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

J - Analyte detected below reporting limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-028

Client Sample ID: NSB10-A

Collection Date: 9/16/2018 5:03:00 PM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	0.10	0.072	0.0022		mg/Kg-dry	1	9/20/2018
Benzene	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0048	0.00039		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0048	0.00039		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.0096	0.00048		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.072	0.0014		mg/Kg-dry	1	9/20/2018
Carbon disulfide	ND	0.048	0.00019		mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0048	0.00029		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.0096	0.00039		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.0096	0.00029		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0048	0.00039		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0048	0.00029		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0048	0.00058		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0048	0.00039		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0019	0.00019		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0019	0.00029		mg/Kg-dry	1	9/20/2018
Ethylbenzene	ND	0.0048	0.000096		mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.019	0.00077		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.019	0.00029		mg/Kg-dry	1	9/20/2018
Methylene chloride	0.00092	0.0096	0.00077	J	mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	1.4	0.26	0.016		mg/Kg-dry	50	9/20/2018
Toluene	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0048	0.00048		mg/Kg-dry	1	9/20/2018
Trichloroethene	0.019	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0048	0.00039		mg/Kg-dry	1	9/20/2018
Xylenes, Total	ND	0.014	0.00039		mg/Kg-dry	1	9/20/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	17.3	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-029

Client Sample ID: NSB10-B
Collection Date: 9/16/2018 5:17:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	ND	0.068	0.0021		mg/Kg-dry	1	9/20/2018
Benzene	0.0018	0.0046	0.00018	J	mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0046	0.00036		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0046	0.00036		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.0091	0.00046		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.068	0.0014		mg/Kg-dry	1	9/20/2018
Carbon disulfide	ND	0.046	0.00018		mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.0091	0.00036		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.0091	0.00027		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0046	0.00036		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0046	0.00055		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0046	0.00036		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0018	0.00018		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0018	0.00027		mg/Kg-dry	1	9/20/2018
Ethylbenzene	ND	0.0046	0.000091		mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.018	0.00073		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.018	0.00027		mg/Kg-dry	1	9/20/2018
Methylene chloride	ND	0.0091	0.00073		mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	0.16	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
Toluene	0.0031	0.0046	0.00018	J	mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0046	0.00046		mg/Kg-dry	1	9/20/2018
Trichloroethene	0.013	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0046	0.00036		mg/Kg-dry	1	9/20/2018
Xylenes, Total	0.0013	0.014	0.00036	J	mg/Kg-dry	1	9/20/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	16.5	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below reporting limit
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: NSB10-C

Work Order: 18090542 Revision 0

Collection Date: 9/16/2018 5:33:00 PM

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Matrix: SOIL

Lab ID: 18090542-030

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS**SW5035/8260B**

Prep Date: 9/18/2018

Analyst: MJK

Acetone	ND	0.065	0.002		mg/Kg-dry	1	9/20/2018
Benzene	ND	0.0043	0.00017		mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0043	0.00035		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0043	0.00035		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.0087	0.00043		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.065	0.0013		mg/Kg-dry	1	9/20/2018
Carbon disulfide	ND	0.043	0.00017		mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0043	0.00026		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0043	0.00017		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.0087	0.00035		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0043	0.00017		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.0087	0.00026		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0043	0.00035		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0043	0.00026		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0043	0.00052		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0043	0.00026		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	ND	0.0043	0.00026		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0043	0.00026		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0043	0.00035		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0017	0.00017		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0017	0.00026		mg/Kg-dry	1	9/20/2018
Ethylbenzene	ND	0.0043	0.000087		mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.017	0.00069		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.017	0.00026		mg/Kg-dry	1	9/20/2018
Methylene chloride	ND	0.0087	0.00069		mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0043	0.00017		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0043	0.00017		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0043	0.00017		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	ND	0.0043	0.00026		mg/Kg-dry	1	9/20/2018
Toluene	ND	0.0043	0.00017		mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0043	0.00017		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0043	0.00043		mg/Kg-dry	1	9/20/2018
Trichloroethene	ND	0.0043	0.00017		mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0043	0.00035		mg/Kg-dry	1	9/20/2018
Xylenes, Total	ND	0.013	0.00035		mg/Kg-dry	1	9/20/2018

Percent Moisture**D2974**

Prep Date: 9/18/2018

Analyst: VA

Percent Moisture	7.9	0.2	0.1	*	wt%	1	9/19/2018
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Qualifiers:

ND - Not Detected at the Reporting Limit

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

J - Analyte detected below reporting limit

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E - Value above quantitation range

* - Non-accredited parameter

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Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-031

Client Sample ID: NSB11-A
Collection Date: 9/16/2018 5:50:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	ND	0.073	0.0022		mg/Kg-dry	1	9/20/2018
Benzene	0.0020	0.0048	0.00019	J	mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0048	0.00039		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0048	0.00039		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.0097	0.00048		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.073	0.0015		mg/Kg-dry	1	9/20/2018
Carbon disulfide	ND	0.048	0.00019		mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0048	0.00029		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.0097	0.00039		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.0097	0.00029		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0048	0.00039		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0048	0.00029		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0048	0.00058		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0048	0.00029		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0048	0.00039		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0019	0.00019		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0019	0.00029		mg/Kg-dry	1	9/20/2018
Ethylbenzene	ND	0.0048	0.000097		mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.019	0.00077		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.019	0.00029		mg/Kg-dry	1	9/20/2018
Methylene chloride	ND	0.0097	0.00077		mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	0.067	0.0048	0.00029		mg/Kg-dry	1	9/20/2018
Toluene	0.0035	0.0048	0.00019	J	mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0048	0.00048		mg/Kg-dry	1	9/20/2018
Trichloroethene	ND	0.0048	0.00019		mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0048	0.00039		mg/Kg-dry	1	9/20/2018
Xylenes, Total	0.0016	0.015	0.00039	J	mg/Kg-dry	1	9/20/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	14.6	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below reporting limit
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.
Work Order: 18090542 Revision 0
Project: Westwood Cleaners, 8731 West North Ave., Wauwato
Lab ID: 18090542-032

Client Sample ID: NSB11-B
Collection Date: 9/16/2018 6:06:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	ND	0.069	0.0021		mg/Kg-dry	1	9/20/2018
Benzene	0.0018	0.0046	0.00018	J	mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0046	0.00037		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0046	0.00037		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.0091	0.00046		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.069	0.0014		mg/Kg-dry	1	9/20/2018
Carbon disulfide	ND	0.046	0.00018		mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.0091	0.00037		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.0091	0.00027		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0046	0.00037		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0046	0.00055		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0046	0.00037		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0018	0.00018		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0018	0.00027		mg/Kg-dry	1	9/20/2018
Ethylbenzene	0.00084	0.0046	0.000091	J	mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.018	0.00073		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.018	0.00027		mg/Kg-dry	1	9/20/2018
Methylene chloride	ND	0.0091	0.00073		mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	0.22	0.0046	0.00027		mg/Kg-dry	1	9/20/2018
Toluene	0.0029	0.0046	0.00018	J	mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0046	0.00046		mg/Kg-dry	1	9/20/2018
Trichloroethene	ND	0.0046	0.00018		mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0046	0.00037		mg/Kg-dry	1	9/20/2018
Xylenes, Total	ND	0.014	0.00037		mg/Kg-dry	1	9/20/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	17.2	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below reporting limit
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

STAT Analysis Corporation

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: NSB11-C

Work Order: 18090542 Revision 0

Collection Date: 9/16/2018 6:21:00 PM

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Matrix: SOIL

Lab ID: 18090542-033

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS

SW5035/8260B

Prep Date: 9/18/2018

Analyst: MJK

Acetone	ND	0.074	0.0023		mg/Kg-dry	1	9/20/2018
Benzene	0.0018	0.0049	0.0002	J	mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0049	0.00039		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0049	0.00039		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.0098	0.00049		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.074	0.0015		mg/Kg-dry	1	9/20/2018
Carbon disulfide	0.0011	0.049	0.0002	J	mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0049	0.00029		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0049	0.0002		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.0098	0.00039		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0049	0.0002		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.0098	0.00029		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0049	0.00039		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0049	0.00029		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0049	0.00059		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0049	0.00029		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	ND	0.0049	0.00029		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0049	0.00029		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0049	0.00039		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0020	0.0002		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0020	0.00029		mg/Kg-dry	1	9/20/2018
Ethylbenzene	0.00053	0.0049	0.000098	J	mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.020	0.00078		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.020	0.00029		mg/Kg-dry	1	9/20/2018
Methylene chloride	0.0016	0.0098	0.00078	J	mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0049	0.0002		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0049	0.0002		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0049	0.0002		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	ND	0.0049	0.00029		mg/Kg-dry	1	9/20/2018
Toluene	0.0025	0.0049	0.0002	J	mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0049	0.0002		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0049	0.00049		mg/Kg-dry	1	9/20/2018
Trichloroethene	ND	0.0049	0.0002		mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0049	0.00039		mg/Kg-dry	1	9/20/2018
Xylenes, Total	ND	0.015	0.00039		mg/Kg-dry	1	9/20/2018

Percent Moisture

D2974

Prep Date: 9/18/2018

Analyst: VA

Percent Moisture	9.0	0.2	0.1	*	wt%	1	9/19/2018
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Qualifiers:

ND - Not Detected at the Reporting Limit

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

J - Analyte detected below reporting limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-034

Client Sample ID: NSB12-A

Collection Date: 9/16/2018 6:38:00 PM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	ND	0.062	0.0019		mg/Kg-dry	1	9/20/2018
Benzene	0.0013	0.0042	0.00017	J	mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0042	0.00033		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0042	0.00033		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.0083	0.00042		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.062	0.0012		mg/Kg-dry	1	9/20/2018
Carbon disulfide	0.00046	0.042	0.00017	J	mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0042	0.00025		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0042	0.00017		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.0083	0.00033		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0042	0.00017		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.0083	0.00025		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0042	0.00033		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0042	0.00025		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0042	0.0005		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0042	0.00033		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0017	0.00017		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0017	0.00025		mg/Kg-dry	1	9/20/2018
Ethylbenzene	ND	0.0042	0.000083		mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.017	0.00066		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.017	0.00025		mg/Kg-dry	1	9/20/2018
Methylene chloride	ND	0.0083	0.00066		mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0042	0.00017		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0042	0.00017		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0042	0.00017		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	ND	0.0042	0.00025		mg/Kg-dry	1	9/20/2018
Toluene	0.0021	0.0042	0.00017	J	mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0042	0.00017		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0042	0.00042		mg/Kg-dry	1	9/20/2018
Trichloroethene	ND	0.0042	0.00017		mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0042	0.00033		mg/Kg-dry	1	9/20/2018
Xylenes, Total	0.00090	0.012	0.00033	J	mg/Kg-dry	1	9/20/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	15.7	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

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RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-035

Client Sample ID: NSB12-B

Collection Date: 9/16/2018 6:53:00 PM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	ND	0.070	0.0022		mg/Kg-dry	1	9/20/2018
Benzene	0.0032	0.0047	0.00019	J	mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0047	0.00037		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0047	0.00037		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.0094	0.00047		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.070	0.0014		mg/Kg-dry	1	9/20/2018
Carbon disulfide	0.00077	0.047	0.00019	J	mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0047	0.00028		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0047	0.00019		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.0094	0.00037		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0047	0.00019		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.0094	0.00028		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0047	0.00037		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0047	0.00028		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0047	0.00056		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0047	0.00028		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	ND	0.0047	0.00028		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0047	0.00028		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0047	0.00037		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0019	0.00019		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0019	0.00028		mg/Kg-dry	1	9/20/2018
Ethylbenzene	0.0020	0.0047	0.000094	J	mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.019	0.00075		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.019	0.00028		mg/Kg-dry	1	9/20/2018
Methylene chloride	ND	0.0094	0.00075		mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0047	0.00019		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0047	0.00019		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0047	0.00019		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	0.027	0.0047	0.00028		mg/Kg-dry	1	9/20/2018
Toluene	0.0064	0.0047	0.00019		mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0047	0.00019		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0047	0.00047		mg/Kg-dry	1	9/20/2018
Trichloroethene	ND	0.0047	0.00019		mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0047	0.00037		mg/Kg-dry	1	9/20/2018
Xylenes, Total	0.0041	0.014	0.00037	J	mg/Kg-dry	1	9/20/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	18.5	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

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R - RPD outside accepted recovery limits

E - Value above quantitation range

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 29, 2018

ANALYTICAL RESULTS

Date Printed: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Work Order: 18090542 Revision 0

Project: Westwood Cleaners, 8731 West North Ave., Wauwato

Lab ID: 18090542-036

Client Sample ID: NSB12-C

Collection Date: 9/16/2018 7:10:00 PM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 9/18/2018		Analyst: MJK	
Acetone	0.013	0.056	0.0017	J	mg/Kg-dry	1	9/20/2018
Benzene	ND	0.0037	0.00015		mg/Kg-dry	1	9/20/2018
Bromodichloromethane	ND	0.0037	0.0003		mg/Kg-dry	1	9/20/2018
Bromoform	ND	0.0037	0.0003		mg/Kg-dry	1	9/20/2018
Bromomethane	ND	0.0074	0.00037		mg/Kg-dry	1	9/20/2018
2-Butanone	ND	0.056	0.0011		mg/Kg-dry	1	9/20/2018
Carbon disulfide	ND	0.037	0.00015		mg/Kg-dry	1	9/20/2018
Carbon tetrachloride	ND	0.0037	0.00022		mg/Kg-dry	1	9/20/2018
Chlorobenzene	ND	0.0037	0.00015		mg/Kg-dry	1	9/20/2018
Chloroethane	ND	0.0074	0.0003		mg/Kg-dry	1	9/20/2018
Chloroform	ND	0.0037	0.00015		mg/Kg-dry	1	9/20/2018
Chloromethane	ND	0.0074	0.00022		mg/Kg-dry	1	9/20/2018
Dibromochloromethane	ND	0.0037	0.0003		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethane	ND	0.0037	0.00022		mg/Kg-dry	1	9/20/2018
1,2-Dichloroethane	ND	0.0037	0.00044		mg/Kg-dry	1	9/20/2018
1,1-Dichloroethene	ND	0.0037	0.00022		mg/Kg-dry	1	9/20/2018
cis-1,2-Dichloroethene	ND	0.0037	0.00022		mg/Kg-dry	1	9/20/2018
trans-1,2-Dichloroethene	ND	0.0037	0.00022		mg/Kg-dry	1	9/20/2018
1,2-Dichloropropane	ND	0.0037	0.0003		mg/Kg-dry	1	9/20/2018
cis-1,3-Dichloropropene	ND	0.0015	0.00015		mg/Kg-dry	1	9/20/2018
trans-1,3-Dichloropropene	ND	0.0015	0.00022		mg/Kg-dry	1	9/20/2018
Ethylbenzene	ND	0.0037	0.000074		mg/Kg-dry	1	9/20/2018
2-Hexanone	ND	0.015	0.00059		mg/Kg-dry	1	9/20/2018
4-Methyl-2-pentanone	ND	0.015	0.00022		mg/Kg-dry	1	9/20/2018
Methylene chloride	ND	0.0074	0.00059		mg/Kg-dry	1	9/20/2018
Methyl tert-butyl ether	ND	0.0037	0.00015		mg/Kg-dry	1	9/20/2018
Styrene	ND	0.0037	0.00015		mg/Kg-dry	1	9/20/2018
1,1,2,2-Tetrachloroethane	ND	0.0037	0.00015		mg/Kg-dry	1	9/20/2018
Tetrachloroethene	ND	0.0037	0.00022		mg/Kg-dry	1	9/20/2018
Toluene	ND	0.0037	0.00015		mg/Kg-dry	1	9/20/2018
1,1,1-Trichloroethane	ND	0.0037	0.00015		mg/Kg-dry	1	9/20/2018
1,1,2-Trichloroethane	ND	0.0037	0.00037		mg/Kg-dry	1	9/20/2018
Trichloroethene	ND	0.0037	0.00015		mg/Kg-dry	1	9/20/2018
Vinyl chloride	ND	0.0037	0.0003		mg/Kg-dry	1	9/20/2018
Xylenes, Total	ND	0.011	0.0003		mg/Kg-dry	1	9/20/2018
Percent Moisture		D2974		Prep Date: 9/18/2018		Analyst: VA	
Percent Moisture	8.8	0.2	0.1	*	wt%	1	9/19/2018

Qualifiers:

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J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

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Sample Receipt Checklist

Client Name HYDRODYNAMICS

Date and Time Received: 9/17/2018 4:28:00 PM

Work Order Number 18090542

Received by: EAA

Checklist completed by: CEM 9/17/18
Signature Date

Reviewed by: Bm 9/17/18
Initials Date

Matrix: Carrier name STAT Analysis

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Temp Blank temperature in compliance? Yes No Temperature 3.6 °C
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by: _____
- Water - Samples properly preserved? Yes No pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____

STAT Analysis Corporation

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September 29, 2018

Hydrodynamics Consultant, Inc.
5403 Patton Drive
Lisle, IL 60532

Telephone: (630) 724-0098
Fax: (800) 881-2051

Analytical Report for STAT Work Order: 18090548 Revision 0

RE: Westwood Cleaners, 8731 West North Avenue, Wauwatosa, WI 53226

Dear Dr. Yong Yu:

STAT Analysis received 2 samples for the referenced project on 9/17/2018 4:28:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: Hydrodynamics Consultant, Inc.

Project: Westwood Cleaners, 8731 West North Avenue, Wauwat

Work Order Sample Summary

Work Order: 18090548 Revision 0

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
18090548-001A	SV3		9/16/2018 2:00:00 PM	9/17/2018
18090548-002A	SV3-D		9/16/2018 3:10:00 PM	9/17/2018

CLIENT: Hydrodynamics Consultant, Inc.
Project: Westwood Cleaners, 8731 West North Avenue, Wauwatosa,
Work Order: 18090548 Revision 0

CASE NARRATIVE

TO-15 results that are reported in mg/m³ are calculated based on a temperature of 25°C, atmospheric pressure of 760 mm Hg, and the molecular weight of the analyte.

The TO-15 Continuing Calibration Verification (CCV) had recovery outside of control limits for the following elements:

Dichlorodifluoromethane: 56.5% recovery (QC Limits 70-130%)

Trichlorofluoromethane: 50.4% recovery (QC Limits 70-130%)

The TO-15 Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) had recoveries of the following compounds outside of control limits:

Dichlorodifluoromethane: 52.4%/51.0% (LCS/LCSD) recovery (QC limits 70-130%)

Trichlorofluoromethane: 58.0%/60.4% (LCS/LCSD) recovery (QC limits 70-130%)

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: September 29, 2018

ANALYTICAL RESULTS

Print Date: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: SV3

Work Order: 18090548 Revision 0

Tag Number:

Project: Westwood Cleaners, 8731 West North Avenue, Wauwatos

Collection Date: 9/16/2018 2:00:00 PM

Lab ID: 18090548-001A

Matrix: AIR

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 9/18/2018		Analyst: AOA	
1,1,1-Trichloroethane	ND	0.0039	0.00021		mg/m ³	2	9/20/2018
1,1,2-Trichloroethane	ND	0.0039	0.00038		mg/m ³	2	9/20/2018
1,1-Dichloroethane	ND	0.0029	0.00014		mg/m ³	2	9/20/2018
1,1-Dichloroethene	ND	0.0029	0.00018		mg/m ³	2	9/20/2018
1,2,4-Trichlorobenzene	ND	0.0054	0.0012		mg/m ³	2	9/20/2018
1,2-Dibromoethane	ND	0.0054	0.00062		mg/m ³	2	9/20/2018
1,2-Dichlorobenzene	ND	0.0043	0.00036		mg/m ³	2	9/20/2018
1,2-Dichloroethane	ND	0.0029	0.00033		mg/m ³	2	9/20/2018
1,2-Dichloropropane	ND	0.0032	0.00023		mg/m ³	2	9/20/2018
1,4-Dichlorobenzene	ND	0.0043	0.00046		mg/m ³	2	9/20/2018
1,4-Dioxane	ND	0.0065	0.00075		mg/m ³	2	9/20/2018
2-Butanone	ND	0.0054	0.00048		mg/m ³	2	9/20/2018
Acetone	0.034	0.017	0.0006	*	mg/m ³	2	9/20/2018
Benzene	0.0025	0.0022	0.00016		mg/m ³	2	9/20/2018
Bromodichloromethane	0.00096	0.0047	0.00033	J	mg/m ³	2	9/20/2018
Bromoform	ND	0.019	0.00039		mg/m ³	2	9/20/2018
Bromomethane	ND	0.0068	0.00033		mg/m ³	2	9/20/2018
Carbon disulfide	0.019	0.0022	0.00056		mg/m ³	2	9/20/2018
Carbon tetrachloride	ND	0.0047	0.00063		mg/m ³	2	9/20/2018
Chlorobenzene	ND	0.0032	0.00021		mg/m ³	2	9/20/2018
Chloroform	0.0023	0.0036	0.00019	J	mg/m ³	2	9/20/2018
cis-1,2-Dichloroethene	ND	0.0029	0.00021		mg/m ³	2	9/20/2018
cis-1,3-Dichloropropene	ND	0.0032	0.00038		mg/m ³	2	9/20/2018
Dibromochloromethane	ND	0.0061	0.00049		mg/m ³	2	9/20/2018
Dichlorodifluoromethane	0.00035	0.0036	0.00012	J	mg/m ³	2	9/20/2018
Ethylbenzene	0.0047	0.0032	0.00024		mg/m ³	2	9/20/2018
Isopropyl Alcohol	1.2	0.11	0.0087		mg/m ³	25	9/25/2018
m,p-Xylene	0.017	0.0061	0.00046		mg/m ³	2	9/20/2018
Methyl tert-butyl ether	ND	0.0025	0.00021		mg/m ³	2	9/20/2018
Methylene chloride	0.0081	0.025	0.0013	J	mg/m ³	2	9/20/2018
Naphthalene	ND	0.0036	0.0011		mg/m ³	2	9/20/2018
o-Xylene	0.0069	0.0032	0.0002		mg/m ³	2	9/20/2018
Styrene	0.0072	0.0032	0.00032		mg/m ³	2	9/20/2018
Tetrachloroethene	0.30	0.0050	0.00035		mg/m ³	2	9/20/2018
Toluene	0.022	0.0029	0.0003		mg/m ³	2	9/20/2018
trans-1,2-Dichloroethene	ND	0.0029	0.0002		mg/m ³	2	9/20/2018
trans-1,3-Dichloropropene	ND	0.0032	0.00044		mg/m ³	2	9/20/2018
Trichloroethene	0.0042	0.0039	0.00029		mg/m ³	2	9/20/2018

ND - Not Detected at the Reporting Limit

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

Qualifiers: J - Analyte detected below reporting limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: September 29, 2018

ANALYTICAL RESULTS

Print Date: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: SV3

Work Order: 18090548 Revision 0

Tag Number:

Project: Westwood Cleaners, 8731 West North Avenue, Wauwatos

Collection Date: 9/16/2018 2:00:00 PM

Lab ID: 18090548-001A

Matrix: AIR

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 9/18/2018		Analyst: AOA	
Trichlorofluoromethane	0.00081	0.0039	0.00025	J	mg/m ³	2	9/20/2018
Vinyl acetate	ND	0.025	0.00034		mg/m ³	2	9/20/2018
Vinyl chloride	ND	0.0018	0.00015		mg/m ³	2	9/20/2018
Xylenes, Total	0.024	0.0093	0.00065		mg/m ³	2	9/20/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

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E - Value above quantitation range

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Report Date: September 29, 2018

Print Date: September 29, 2018

ANALYTICAL RESULTS

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: SV3-D

Work Order: 18090548 Revision 0

Tag Number:

Project: Westwood Cleaners, 8731 West North Avenue, Wauwatos

Collection Date: 9/16/2018 3:10:00 PM

Lab ID: 18090548-002A

Matrix: AIR

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15	Prep Date: 9/18/2018			Analyst: AOA		
1,1,1-Trichloroethane	ND	0.0091	0.00047		mg/m ³	5	9/20/2018
1,1,2-Trichloroethane	ND	0.0091	0.00087		mg/m ³	5	9/20/2018
1,1-Dichloroethane	ND	0.0066	0.00032		mg/m ³	5	9/20/2018
1,1-Dichloroethene	ND	0.0066	0.00041		mg/m ³	5	9/20/2018
1,2,4-Trichlorobenzene	ND	0.012	0.0027		mg/m ³	5	9/20/2018
1,2-Dibromoethane	ND	0.012	0.0014		mg/m ³	5	9/20/2018
1,2-Dichlorobenzene	ND	0.0099	0.00083		mg/m ³	5	9/20/2018
1,2-Dichloroethane	ND	0.0066	0.00077		mg/m ³	5	9/20/2018
1,2-Dichloropropane	ND	0.0074	0.00052		mg/m ³	5	9/20/2018
1,4-Dichlorobenzene	ND	0.0099	0.0011		mg/m ³	5	9/20/2018
1,4-Dioxane	ND	0.015	0.0017		mg/m ³	5	9/20/2018
2-Butanone	ND	0.012	0.0011		mg/m ³	5	9/20/2018
Acetone	0.025	0.040	0.0014	J*	mg/m ³	5	9/20/2018
Benzene	0.0029	0.0050	0.00038	J	mg/m ³	5	9/20/2018
Bromodichloromethane	0.0011	0.011	0.00076	J	mg/m ³	5	9/20/2018
Bromoform	ND	0.043	0.00091		mg/m ³	5	9/20/2018
Bromomethane	ND	0.016	0.00075		mg/m ³	5	9/20/2018
Carbon disulfide	ND	0.0051	0.0013		mg/m ³	5	9/20/2018
Carbon tetrachloride	ND	0.011	0.0015		mg/m ³	5	9/20/2018
Chlorobenzene	ND	0.0074	0.00048		mg/m ³	5	9/20/2018
Chloroform	0.0020	0.0083	0.00044	J	mg/m ³	5	9/20/2018
cis-1,2-Dichloroethene	ND	0.0066	0.00048		mg/m ³	5	9/20/2018
cis-1,3-Dichloropropene	ND	0.0074	0.00088		mg/m ³	5	9/20/2018
Dibromochloromethane	ND	0.014	0.0011		mg/m ³	5	9/20/2018
Dichlorodifluoromethane	ND	0.0083	0.00027		mg/m ³	5	9/20/2018
Ethylbenzene	0.0022	0.0074	0.00056	J	mg/m ³	5	9/20/2018
Isopropyl Alcohol	0.90	0.021	0.0016		mg/m ³	5	9/20/2018
m,p-Xylene	0.0086	0.014	0.0011	J	mg/m ³	5	9/20/2018
Methyl tert-butyl ether	ND	0.0058	0.00049		mg/m ³	5	9/20/2018
Methylene chloride	0.033	0.057	0.0031	J	mg/m ³	5	9/20/2018
Naphthalene	ND	0.0083	0.0025		mg/m ³	5	9/20/2018
o-Xylene	0.0036	0.0074	0.00046	J	mg/m ³	5	9/20/2018
Styrene	0.0032	0.0074	0.00075	J	mg/m ³	5	9/20/2018
Tetrachloroethene	0.30	0.012	0.00081		mg/m ³	5	9/20/2018
Toluene	0.011	0.0066	0.0007		mg/m ³	5	9/20/2018
trans-1,2-Dichloroethene	ND	0.0066	0.00045		mg/m ³	5	9/20/2018
trans-1,3-Dichloropropene	ND	0.0074	0.001		mg/m ³	5	9/20/2018
Trichloroethene	0.0036	0.0091	0.00068	J	mg/m ³	5	9/20/2018

Qualifiers:	ND - Not Detected at the Reporting Limit	RL/MDL - Reporting Limit / Method Detection Limit for the analysis
	J - Analyte detected below reporting limit	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: September 29, 2018

ANALYTICAL RESULTS

Print Date: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: SV3-D

Work Order: 18090548 Revision 0

Tag Number:

Project: Westwood Cleaners, 8731 West North Aveue, Wauwatos

Collection Date: 9/16/2018 3:10:00 PM

Lab ID: 18090548-002A

Matrix: AIR

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 9/18/2018		Analyst: AOA	
Trichlorofluoromethane	0.00093	0.0091	0.00059	J	mg/m ³	5	9/20/2018
Vinyl acetate	ND	0.058	0.00078		mg/m ³	5	9/20/2018
Vinyl chloride	ND	0.0041	0.00036		mg/m ³	5	9/20/2018
Xylenes, Total	0.012	0.021	0.0015	J	mg/m ³	5	9/20/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

Sample Receipt Checklist

Client Name **HYDRODYNAMICS**

Date and Time Received: **9/17/2018 4:28:00 PM**

Work Order Number **18090548**

Received by: **EAA**

Checklist completed by: _____

Signature



Date

9/19/18

Reviewed by: _____

Initials

BE

Date

9/18/18

Matrix:

Carrier name STAT Analysis

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Temp Blank temperature in compliance? Yes No Temperature Ambient °C
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by: _____
- Water - Samples properly preserved? Yes No pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____

Date contacted: _____

Contacted by: _____

Response: _____

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September 29, 2018

Hydrodynamics Consultant, Inc.
5403 Patton Drive
Lisle, IL 60532

Telephone: (630) 724-0098
Fax: (800) 881-2051

Analytical Report for STAT Work Order: 18090701 Revision 0

RE: Westwood Cleaners, 8731 West North Avenue, Wauwatosa, WI, 53226

Dear Dr. Yong Yu:


STAT Analysis received 8 samples for the referenced project on 9/20/2018 2:30:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: Hydrodynamics Consultant, Inc.

Project: Westwood Cleaners, 8731 West North Avenue, Wauwa

Work Order Sample Summary

Work Order: 18090701 Revision 0

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
18090701-001A	MW1		9/19/2018 11:10:00 AM	9/20/2018
18090701-002A	MW1-D		9/19/2018 11:12:00 AM	9/20/2018
18090701-003A	MW2		9/19/2018 11:40:00 AM	9/20/2018
18090701-004A	MW3		9/19/2018 11:55:00 AM	9/20/2018
18090701-005A	MW4		9/19/2018 12:30:00 PM	9/20/2018
18090701-006A	MW5		9/19/2018 1:05:00 PM	9/20/2018
18090701-007A	MW6		9/19/2018 1:50:00 PM	9/20/2018
18090701-008A	MW-TB		9/18/2018 10:30:00 AM	9/20/2018

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: September 29, 2018

ANALYTICAL RESULTS

Print Date: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: MW1

Work Order: 18090701 Revision 0

Tag Number:

Project: Westwood Cleaners, 8731 West North Avenue, Wauwato

Collection Date: 9/19/2018 11:10:00 AM

Lab ID: 18090701-001A

Matrix: WATER

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS

SW8260B (SW5030B)

Prep Date:

Analyst: MJK

Acetone	ND	0.020	0.0031		mg/L	1	9/21/2018
Benzene	ND	0.0050	0.0002		mg/L	1	9/21/2018
Bromodichloromethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
Bromoform	ND	0.0050	0.0003		mg/L	1	9/21/2018
Bromomethane	ND	0.010	0.002		mg/L	1	9/21/2018
2-Butanone	ND	0.020	0.0016		mg/L	1	9/21/2018
Carbon disulfide	ND	0.010	0.0003		mg/L	1	9/21/2018
Carbon tetrachloride	ND	0.0050	0.001		mg/L	1	9/21/2018
Chlorobenzene	ND	0.0050	0.0002		mg/L	1	9/21/2018
Chloroethane	ND	0.010	0.0005		mg/L	1	9/21/2018
Chloroform	ND	0.0050	0.0001		mg/L	1	9/21/2018
Chloromethane	ND	0.010	0.0003		mg/L	1	9/21/2018
Dibromochloromethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,1-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,2-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,1-Dichloroethene	ND	0.0050	0.0004		mg/L	1	9/21/2018
cis-1,2-Dichloroethene	ND	0.0050	0.0002		mg/L	1	9/21/2018
trans-1,2-Dichloroethene	ND	0.0050	0.0005		mg/L	1	9/21/2018
1,2-Dichloropropane	ND	0.0050	0.0001		mg/L	1	9/21/2018
cis-1,3-Dichloropropene	ND	0.0010	0.0002		mg/L	1	9/21/2018
trans-1,3-Dichloropropene	ND	0.0010	0.0001		mg/L	1	9/21/2018
Ethylbenzene	ND	0.0050	0.0003		mg/L	1	9/21/2018
2-Hexanone	ND	0.020	0.0002		mg/L	1	9/21/2018
4-Methyl-2-pentanone	ND	0.020	0.0007		mg/L	1	9/21/2018
Methylene chloride	ND	0.0050	0.0002		mg/L	1	9/21/2018
Methyl tert-butyl ether	ND	0.0050	0.0003		mg/L	1	9/21/2018
Styrene	ND	0.0050	0.0003		mg/L	1	9/21/2018
1,1,2,2-Tetrachloroethane	ND	0.0050	0.0001		mg/L	1	9/21/2018
Tetrachloroethene	ND	0.0050	0.0003		mg/L	1	9/21/2018
Toluene	ND	0.0050	0.0004		mg/L	1	9/21/2018
1,1,1-Trichloroethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,1,2-Trichloroethane	ND	0.0050	0.0001		mg/L	1	9/21/2018
Trichloroethene	ND	0.0050	0.0003		mg/L	1	9/21/2018
Vinyl chloride	ND	0.0020	0.0003		mg/L	1	9/21/2018
Xylenes, Total	ND	0.015	0.001		mg/L	1	9/21/2018

ND - Not Detected at the Reporting Limit

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

Qualifiers: J - Analyte detected below reporting limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: September 29, 2018

ANALYTICAL RESULTS

Print Date: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: MW1-D

Work Order: 18090701 Revision 0

Tag Number:

Project: Westwood Cleaners, 8731 West North Avenue, Wauwato

Collection Date: 9/19/2018 11:12:00 AM

Lab ID: 18090701-002A

Matrix: WATER

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW8260B (SW5030B)			Prep Date:	Analyst: MJK		
Acetone	ND	0.020	0.0031		mg/L	1	9/21/2018
Benzene	0.00022	0.0050	0.0002	J	mg/L	1	9/21/2018
Bromodichloromethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
Bromoform	ND	0.0050	0.0003		mg/L	1	9/21/2018
Bromomethane	ND	0.010	0.002		mg/L	1	9/21/2018
2-Butanone	ND	0.020	0.0016		mg/L	1	9/21/2018
Carbon disulfide	ND	0.010	0.0003		mg/L	1	9/21/2018
Carbon tetrachloride	ND	0.0050	0.001		mg/L	1	9/21/2018
Chlorobenzene	ND	0.0050	0.0002		mg/L	1	9/21/2018
Chloroethane	ND	0.010	0.0005		mg/L	1	9/21/2018
Chloroform	ND	0.0050	0.0001		mg/L	1	9/21/2018
Chloromethane	ND	0.010	0.0003		mg/L	1	9/21/2018
Dibromochloromethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,1-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,2-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,1-Dichloroethene	ND	0.0050	0.0004		mg/L	1	9/21/2018
cis-1,2-Dichloroethene	ND	0.0050	0.0002		mg/L	1	9/21/2018
trans-1,2-Dichloroethene	ND	0.0050	0.0005		mg/L	1	9/21/2018
1,2-Dichloropropane	ND	0.0050	0.0001		mg/L	1	9/21/2018
cis-1,3-Dichloropropene	ND	0.0010	0.0002		mg/L	1	9/21/2018
trans-1,3-Dichloropropene	ND	0.0010	0.0001		mg/L	1	9/21/2018
Ethylbenzene	ND	0.0050	0.0003		mg/L	1	9/21/2018
2-Hexanone	ND	0.020	0.0002		mg/L	1	9/21/2018
4-Methyl-2-pentanone	ND	0.020	0.0007		mg/L	1	9/21/2018
Methylene chloride	ND	0.0050	0.0002		mg/L	1	9/21/2018
Methyl tert-butyl ether	ND	0.0050	0.0003		mg/L	1	9/21/2018
Styrene	ND	0.0050	0.0003		mg/L	1	9/21/2018
1,1,2,2-Tetrachloroethane	ND	0.0050	0.0001		mg/L	1	9/21/2018
Tetrachloroethene	ND	0.0050	0.0003		mg/L	1	9/21/2018
Toluene	ND	0.0050	0.0004		mg/L	1	9/21/2018
1,1,1-Trichloroethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,1,2-Trichloroethane	ND	0.0050	0.0001		mg/L	1	9/21/2018
Trichloroethene	ND	0.0050	0.0003		mg/L	1	9/21/2018
Vinyl chloride	ND	0.0020	0.0003		mg/L	1	9/21/2018
Xylenes, Total	ND	0.015	0.001		mg/L	1	9/21/2018

Qualifiers:	ND - Not Detected at the Reporting Limit	RL/MDL - Reporting Limit / Method Detection Limit for the analysis
	J - Analyte detected below reporting limit	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: September 29, 2018

ANALYTICAL RESULTS

Print Date: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: MW2

Work Order: 18090701 Revision 0

Tag Number:

Project: Westwood Cleaners, 8731 West North Avenue, Wauwato

Collection Date: 9/19/2018 11:40:00 AM

Lab ID: 18090701-003A

Matrix: WATER

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS

SW8260B (SW5030B)

Prep Date:

Analyst: MJK

Acetone	ND	0.020	0.0031		mg/L	1	9/21/2018
Benzene	ND	0.0050	0.0002		mg/L	1	9/21/2018
Bromodichloromethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
Bromoform	ND	0.0050	0.0003		mg/L	1	9/21/2018
Bromomethane	ND	0.010	0.002		mg/L	1	9/21/2018
2-Butanone	ND	0.020	0.0016		mg/L	1	9/21/2018
Carbon disulfide	ND	0.010	0.0003		mg/L	1	9/21/2018
Carbon tetrachloride	ND	0.0050	0.001		mg/L	1	9/21/2018
Chlorobenzene	ND	0.0050	0.0002		mg/L	1	9/21/2018
Chloroethane	ND	0.010	0.0005		mg/L	1	9/21/2018
Chloroform	0.0015	0.0050	0.0001	J	mg/L	1	9/21/2018
Chloromethane	ND	0.010	0.0003		mg/L	1	9/21/2018
Dibromochloromethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,1-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,2-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,1-Dichloroethene	ND	0.0050	0.0004		mg/L	1	9/21/2018
cis-1,2-Dichloroethene	0.00069	0.0050	0.0002	J	mg/L	1	9/21/2018
trans-1,2-Dichloroethene	ND	0.0050	0.0005		mg/L	1	9/21/2018
1,2-Dichloropropane	ND	0.0050	0.0001		mg/L	1	9/21/2018
cis-1,3-Dichloropropene	ND	0.0010	0.0002		mg/L	1	9/21/2018
trans-1,3-Dichloropropene	ND	0.0010	0.0001		mg/L	1	9/21/2018
Ethylbenzene	ND	0.0050	0.0003		mg/L	1	9/21/2018
2-Hexanone	ND	0.020	0.0002		mg/L	1	9/21/2018
4-Methyl-2-pentanone	ND	0.020	0.0007		mg/L	1	9/21/2018
Methylene chloride	ND	0.0050	0.0002		mg/L	1	9/21/2018
Methyl tert-butyl ether	ND	0.0050	0.0003		mg/L	1	9/21/2018
Styrene	ND	0.0050	0.0003		mg/L	1	9/21/2018
1,1,2,2-Tetrachloroethane	ND	0.0050	0.0001		mg/L	1	9/21/2018
Tetrachloroethene	0.0063	0.0050	0.0003		mg/L	1	9/21/2018
Toluene	0.00085	0.0050	0.0004	J	mg/L	1	9/21/2018
1,1,1-Trichloroethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,1,2-Trichloroethane	ND	0.0050	0.0001		mg/L	1	9/21/2018
Trichloroethene	ND	0.0050	0.0003		mg/L	1	9/21/2018
Vinyl chloride	ND	0.0020	0.0003		mg/L	1	9/21/2018
Xylenes, Total	ND	0.015	0.001		mg/L	1	9/21/2018

ND - Not Detected at the Reporting Limit

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

Qualifiers:

J - Analyte detected below reporting limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: September 29, 2018

ANALYTICAL RESULTS

Print Date: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: MW3

Work Order: 18090701 Revision 0

Tag Number:

Project: Westwood Cleaners, 8731 West North Avenue, Wauwato

Collection Date: 9/19/2018 11:55:00 AM

Lab ID: 18090701-004A

Matrix: WATER

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW8260B (SW5030B)			Prep Date:	Analyst: MJK		
Acetone	ND	0.020	0.0031		mg/L	1	9/21/2018
Benzene	ND	0.0050	0.0002		mg/L	1	9/21/2018
Bromodichloromethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
Bromoform	ND	0.0050	0.0003		mg/L	1	9/21/2018
Bromomethane	ND	0.010	0.002		mg/L	1	9/21/2018
2-Butanone	ND	0.020	0.0016		mg/L	1	9/21/2018
Carbon disulfide	ND	0.010	0.0003		mg/L	1	9/21/2018
Carbon tetrachloride	ND	0.0050	0.001		mg/L	1	9/21/2018
Chlorobenzene	ND	0.0050	0.0002		mg/L	1	9/21/2018
Chloroethane	ND	0.010	0.0005		mg/L	1	9/21/2018
Chloroform	ND	0.0050	0.0001		mg/L	1	9/21/2018
Chloromethane	ND	0.010	0.0003		mg/L	1	9/21/2018
Dibromochloromethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,1-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,2-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,1-Dichloroethene	ND	0.0050	0.0004		mg/L	1	9/21/2018
cis-1,2-Dichloroethene	ND	0.0050	0.0002		mg/L	1	9/21/2018
trans-1,2-Dichloroethene	ND	0.0050	0.0005		mg/L	1	9/21/2018
1,2-Dichloropropane	ND	0.0050	0.0001		mg/L	1	9/21/2018
cis-1,3-Dichloropropene	ND	0.0010	0.0002		mg/L	1	9/21/2018
trans-1,3-Dichloropropene	ND	0.0010	0.0001		mg/L	1	9/21/2018
Ethylbenzene	ND	0.0050	0.0003		mg/L	1	9/21/2018
2-Hexanone	ND	0.020	0.0002		mg/L	1	9/21/2018
4-Methyl-2-pentanone	ND	0.020	0.0007		mg/L	1	9/21/2018
Methylene chloride	ND	0.0050	0.0002		mg/L	1	9/21/2018
Methyl tert-butyl ether	ND	0.0050	0.0003		mg/L	1	9/21/2018
Styrene	ND	0.0050	0.0003		mg/L	1	9/21/2018
1,1,2,2-Tetrachloroethane	ND	0.0050	0.0001		mg/L	1	9/21/2018
Tetrachloroethene	ND	0.0050	0.0003		mg/L	1	9/21/2018
Toluene	ND	0.0050	0.0004		mg/L	1	9/21/2018
1,1,1-Trichloroethane	ND	0.0050	0.0002		mg/L	1	9/21/2018
1,1,2-Trichloroethane	ND	0.0050	0.0001		mg/L	1	9/21/2018
Trichloroethene	ND	0.0050	0.0003		mg/L	1	9/21/2018
Vinyl chloride	ND	0.0020	0.0003		mg/L	1	9/21/2018
Xylenes, Total	ND	0.015	0.001		mg/L	1	9/21/2018

Qualifiers:	ND - Not Detected at the Reporting Limit	RL/MDL - Reporting Limit / Method Detection Limit for the analysis
	J - Analyte detected below reporting limit	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: September 29, 2018

ANALYTICAL RESULTS

Print Date: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: MW4

Work Order: 18090701 Revision 0

Tag Number:

Project: Westwood Cleaners, 8731 West North Avenue, Wauwato

Collection Date: 9/19/2018 12:30:00 PM

Lab ID: 18090701-005A

Matrix: WATER

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS

SW8260B (SW5030B)

Prep Date:

Analyst: MJK

Acetone	ND	0.020	0.0031		mg/L	1	9/22/2018
Benzene	ND	0.0050	0.0002		mg/L	1	9/22/2018
Bromodichloromethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
Bromoform	ND	0.0050	0.0003		mg/L	1	9/22/2018
Bromomethane	ND	0.010	0.002		mg/L	1	9/22/2018
2-Butanone	ND	0.020	0.0016		mg/L	1	9/22/2018
Carbon disulfide	0.00038	0.010	0.0003	J	mg/L	1	9/22/2018
Carbon tetrachloride	ND	0.0050	0.001		mg/L	1	9/22/2018
Chlorobenzene	ND	0.0050	0.0002		mg/L	1	9/22/2018
Chloroethane	ND	0.010	0.0005		mg/L	1	9/22/2018
Chloroform	ND	0.0050	0.0001		mg/L	1	9/22/2018
Chloromethane	ND	0.010	0.0003		mg/L	1	9/22/2018
Dibromochloromethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,1-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,2-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,1-Dichloroethene	ND	0.0050	0.0004		mg/L	1	9/22/2018
cis-1,2-Dichloroethene	ND	0.0050	0.0002		mg/L	1	9/22/2018
trans-1,2-Dichloroethene	ND	0.0050	0.0005		mg/L	1	9/22/2018
1,2-Dichloropropane	ND	0.0050	0.0001		mg/L	1	9/22/2018
cis-1,3-Dichloropropene	ND	0.0010	0.0002		mg/L	1	9/22/2018
trans-1,3-Dichloropropene	ND	0.0010	0.0001		mg/L	1	9/22/2018
Ethylbenzene	ND	0.0050	0.0003		mg/L	1	9/22/2018
2-Hexanone	ND	0.020	0.0002		mg/L	1	9/22/2018
4-Methyl-2-pentanone	ND	0.020	0.0007		mg/L	1	9/22/2018
Methylene chloride	ND	0.0050	0.0002		mg/L	1	9/22/2018
Methyl tert-butyl ether	ND	0.0050	0.0003		mg/L	1	9/22/2018
Styrene	ND	0.0050	0.0003		mg/L	1	9/22/2018
1,1,2,2-Tetrachloroethane	ND	0.0050	0.0001		mg/L	1	9/22/2018
Tetrachloroethene	ND	0.0050	0.0003		mg/L	1	9/22/2018
Toluene	ND	0.0050	0.0004		mg/L	1	9/22/2018
1,1,1-Trichloroethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,1,2-Trichloroethane	ND	0.0050	0.0001		mg/L	1	9/22/2018
Trichloroethene	ND	0.0050	0.0003		mg/L	1	9/22/2018
Vinyl chloride	ND	0.0020	0.0003		mg/L	1	9/22/2018
Xylenes, Total	ND	0.015	0.001		mg/L	1	9/22/2018

ND - Not Detected at the Reporting Limit

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

Qualifiers:

J - Analyte detected below reporting limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: September 29, 2018

ANALYTICAL RESULTS

Print Date: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: MW5

Work Order: 18090701 Revision 0

Tag Number:

Project: Westwood Cleaners, 8731 West North Avenue, Wauwato

Collection Date: 9/19/2018 1:05:00 PM

Lab ID: 18090701-006A

Matrix: WATER

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW8260B (SW5030B)		Prep Date:		Analyst: MJK	
Acetone	ND	0.020	0.0031		mg/L	1	9/22/2018
Benzene	ND	0.0050	0.0002		mg/L	1	9/22/2018
Bromodichloromethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
Bromoform	ND	0.0050	0.0003		mg/L	1	9/22/2018
Bromomethane	ND	0.010	0.002		mg/L	1	9/22/2018
2-Butanone	ND	0.020	0.0016		mg/L	1	9/22/2018
Carbon disulfide	0.00033	0.010	0.0003	J	mg/L	1	9/22/2018
Carbon tetrachloride	ND	0.0050	0.001		mg/L	1	9/22/2018
Chlorobenzene	ND	0.0050	0.0002		mg/L	1	9/22/2018
Chloroethane	ND	0.010	0.0005		mg/L	1	9/22/2018
Chloroform	ND	0.0050	0.0001		mg/L	1	9/22/2018
Chloromethane	ND	0.010	0.0003		mg/L	1	9/22/2018
Dibromochloromethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,1-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,2-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,1-Dichloroethene	ND	0.0050	0.0004		mg/L	1	9/22/2018
cis-1,2-Dichloroethene	0.026	0.0050	0.0002		mg/L	1	9/22/2018
trans-1,2-Dichloroethene	0.0045	0.0050	0.0005	J	mg/L	1	9/22/2018
1,2-Dichloropropane	ND	0.0050	0.0001		mg/L	1	9/22/2018
cis-1,3-Dichloropropene	ND	0.0010	0.0002		mg/L	1	9/22/2018
trans-1,3-Dichloropropene	ND	0.0010	0.0001		mg/L	1	9/22/2018
Ethylbenzene	ND	0.0050	0.0003		mg/L	1	9/22/2018
2-Hexanone	ND	0.020	0.0002		mg/L	1	9/22/2018
4-Methyl-2-pentanone	ND	0.020	0.0007		mg/L	1	9/22/2018
Methylene chloride	ND	0.0050	0.0002		mg/L	1	9/22/2018
Methyl tert-butyl ether	ND	0.0050	0.0003		mg/L	1	9/22/2018
Styrene	ND	0.0050	0.0003		mg/L	1	9/22/2018
1,1,2,2-Tetrachloroethane	ND	0.0050	0.0001		mg/L	1	9/22/2018
Tetrachloroethene	0.16	0.0050	0.0003		mg/L	1	9/22/2018
Toluene	ND	0.0050	0.0004		mg/L	1	9/22/2018
1,1,1-Trichloroethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,1,2-Trichloroethane	ND	0.0050	0.0001		mg/L	1	9/22/2018
Trichloroethene	0.070	0.0050	0.0003		mg/L	1	9/22/2018
Vinyl chloride	0.038	0.0020	0.0003		mg/L	1	9/22/2018
Xylenes, Total	ND	0.015	0.001		mg/L	1	9/22/2018

Qualifiers:	ND - Not Detected at the Reporting Limit	RL/MDL - Reporting Limit / Method Detection Limit for the analysis
	J - Analyte detected below reporting limit	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: September 29, 2018

Print Date: September 29, 2018

ANALYTICAL RESULTS

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: MW6

Work Order: 18090701 Revision 0

Tag Number:

Project: Westwood Cleaners, 8731 West North Avenue, Wauwato

Collection Date: 9/19/2018 1:50:00 PM

Lab ID: 18090701-007A

Matrix: WATER

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS

SW8260B (SW5030B)

Prep Date:

Analyst: MJK

Acetone	ND	0.020	0.0031		mg/L	1	9/22/2018
Benzene	ND	0.0050	0.0002		mg/L	1	9/22/2018
Bromodichloromethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
Bromoform	ND	0.0050	0.0003		mg/L	1	9/22/2018
Bromomethane	ND	0.010	0.002		mg/L	1	9/22/2018
2-Butanone	ND	0.020	0.0016		mg/L	1	9/22/2018
Carbon disulfide	ND	0.010	0.0003		mg/L	1	9/22/2018
Carbon tetrachloride	ND	0.0050	0.001		mg/L	1	9/22/2018
Chlorobenzene	ND	0.0050	0.0002		mg/L	1	9/22/2018
Chloroethane	ND	0.010	0.0005		mg/L	1	9/22/2018
Chloroform	ND	0.0050	0.0001		mg/L	1	9/22/2018
Chloromethane	ND	0.010	0.0003		mg/L	1	9/22/2018
Dibromochloromethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,1-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,2-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,1-Dichloroethene	ND	0.0050	0.0004		mg/L	1	9/22/2018
cis-1,2-Dichloroethene	0.0086	0.0050	0.0002		mg/L	1	9/22/2018
trans-1,2-Dichloroethene	0.0015	0.0050	0.0005	J	mg/L	1	9/22/2018
1,2-Dichloropropane	ND	0.0050	0.0001		mg/L	1	9/22/2018
cis-1,3-Dichloropropene	ND	0.0010	0.0002		mg/L	1	9/22/2018
trans-1,3-Dichloropropene	ND	0.0010	0.0001		mg/L	1	9/22/2018
Ethylbenzene	ND	0.0050	0.0003		mg/L	1	9/22/2018
2-Hexanone	ND	0.020	0.0002		mg/L	1	9/22/2018
4-Methyl-2-pentanone	ND	0.020	0.0007		mg/L	1	9/22/2018
Methylene chloride	ND	0.0050	0.0002		mg/L	1	9/22/2018
Methyl tert-butyl ether	ND	0.0050	0.0003		mg/L	1	9/22/2018
Styrene	ND	0.0050	0.0003		mg/L	1	9/22/2018
1,1,2,2-Tetrachloroethane	ND	0.0050	0.0001		mg/L	1	9/22/2018
Tetrachloroethene	0.11	0.0050	0.0003		mg/L	1	9/22/2018
Toluene	ND	0.0050	0.0004		mg/L	1	9/22/2018
1,1,1-Trichloroethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,1,2-Trichloroethane	ND	0.0050	0.0001		mg/L	1	9/22/2018
Trichloroethene	0.011	0.0050	0.0003		mg/L	1	9/22/2018
Vinyl chloride	0.0033	0.0020	0.0003		mg/L	1	9/22/2018
Xylenes, Total	ND	0.015	0.001		mg/L	1	9/22/2018

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: September 29, 2018

ANALYTICAL RESULTS

Print Date: September 29, 2018

CLIENT: Hydrodynamics Consultant, Inc.

Client Sample ID: MW-TB

Work Order: 18090701 Revision 0

Tag Number:

Project: Westwood Cleaners, 8731 West North Avenue, Wauwato

Collection Date: 9/18/2018 10:30:00 AM

Lab ID: 18090701-008A

Matrix: WATER

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds by GC/MS

SW8260B (SW5030B)

Prep Date:

Analyst: MJK

Acetone	ND	0.020	0.0031		mg/L	1	9/22/2018
Benzene	ND	0.0050	0.0002		mg/L	1	9/22/2018
Bromodichloromethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
Bromoform	ND	0.0050	0.0003		mg/L	1	9/22/2018
Bromomethane	ND	0.010	0.002		mg/L	1	9/22/2018
2-Butanone	ND	0.020	0.0016		mg/L	1	9/22/2018
Carbon disulfide	ND	0.010	0.0003		mg/L	1	9/22/2018
Carbon tetrachloride	ND	0.0050	0.001		mg/L	1	9/22/2018
Chlorobenzene	ND	0.0050	0.0002		mg/L	1	9/22/2018
Chloroethane	ND	0.010	0.0005		mg/L	1	9/22/2018
Chloroform	0.00075	0.0050	0.0001	J	mg/L	1	9/22/2018
Chloromethane	ND	0.010	0.0003		mg/L	1	9/22/2018
Dibromochloromethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,1-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,2-Dichloroethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,1-Dichloroethene	ND	0.0050	0.0004		mg/L	1	9/22/2018
cis-1,2-Dichloroethene	ND	0.0050	0.0002		mg/L	1	9/22/2018
trans-1,2-Dichloroethene	ND	0.0050	0.0005		mg/L	1	9/22/2018
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Tetrachloroethene	ND	0.0050	0.0003		mg/L	1	9/22/2018
Toluene	ND	0.0050	0.0004		mg/L	1	9/22/2018
1,1,1-Trichloroethane	ND	0.0050	0.0002		mg/L	1	9/22/2018
1,1,2-Trichloroethane	ND	0.0050	0.0001		mg/L	1	9/22/2018
Trichloroethene	ND	0.0050	0.0003		mg/L	1	9/22/2018
Vinyl chloride	ND	0.0020	0.0003		mg/L	1	9/22/2018
Xylenes, Total	ND	0.015	0.001		mg/L	1	9/22/2018

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 e-mail address: STATinfo@STATAnalysis.com A I H A accredited 10248, N V L A P accredited 101202-0

CHAIN OF CUSTODY RECORD

No: _____ Page: _____ of _____

Company: Hydrodynamics Consultant, Inc.								P.O. No.:					
Project Number:				Client Tracking No.:				Quote No.:					
Project Name: Westwood Cleaners													
Location/Address: 8731 West North Avenue, Wauwatosa, WI 53226								Turn Around: Results Needed: am pm					
Sampler(s): Mike Wan													
Report To: Mike Wan				Phone: (630) 724-0098									
QC Level: 1 2 3 4				Fax: (800) 881-2051									
Regulatory Program: NPEDS/MWRD RCRA SDWA SRP TACO Other:								Remarks Lab No.:					
Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab.	Preserv.	No. of Containers			VOCs			
MW1	9/19/2018	11:10	Water		X	HCL	2			X			
MW1-D	9/19/2018	11:12											
MW2	9/19/2018	11:40											
MW3	9/19/2018	11:55											
MW4	9/19/2018	12:30											
MW5	9/19/2018	13:05											
MW6	9/19/2018	13:50											
MW-TB	9/18/2018	10:30											
Relinquished By: (Signature) _____ Date/Time: 9/20/2018 11:26								Laboratory Use:		Sample Verification:		Work Order No.: 18090701	
Received By: (Signature) _____ Date/Time: 9/20/18 11:26								- Container OK		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Preservation Code:	
Relinquished By: (Signature) _____ Date/Time: 9/20/18 14:30								- Samples Leaking		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		A = None B = HNO C = NaOH	
Received By: (Signature) _____ Date/Time: 9/20/18 14:30								- Refrigerated (Temp: 3.2 °C)		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		D = H ₂ SO ₄ E = HCl F = S035/EnCore	
Relinquished By: (Signature) _____ Date/Time: _____								- Sample Labels Match Sample ID		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

Sample Receipt Checklist

Client Name HYDRODYNAMICS

Date and Time Received: 9/20/2018 2:30:00 PM

Work Order Number 18090701

Received by: EAA

Checklist completed by: [Signature] 9/20/18
Signature Date

Reviewed by: [Initials] 9/20/18
Initials Date

Matrix: Carrier name STAT Analysis

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Temp Blank temperature in compliance? Yes No Temperature 3.2 °C
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by: _____
- Water - Samples properly preserved? Yes No pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____

