ENGINEERING
ARCHITECTURE
ENVIRONMENTAL

OMNNI ASSOCIATES
a Westwood company

ONE SYSTEMS DRIVE
APPLETON, WI 54914-1654
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October 3, 2019

Tauren Beggs
Hydrogeologist
Wisconsin Department of Natural Resources
2984 Shawano Avenue
Green Bay, Wisconsin 54313

Re: Site Status Update for Allyn Property, BRRTS ID #02-31-564071 – OMNNI Project No. N2162C15

Dear Mr. Beggs:

OMNNI Associates completed an additional round of groundwater sampling to assess the groundwater contamination at the Allyn Property.

Background:

Mr. John Emery, Manager of the Allyn Property, directed OMNNI to proceed with an additional round of groundwater sampling at the property located at 111 Steele Street in Algoma, WI. OMNNI was contracted to collect groundwater samples in June 2019 from all the wells onsite to assess groundwater contamination at the property. Previous soil, groundwater and vapor results were discussed in the *Site Investigation Update* letter dated April 11, 2019.

Work Conducted:

On June 17, 2019, OMNNI Associates mobilized to the site (111 Steele Street, Algoma WI) to conduct an additional round of groundwater sampling of monitoring wells MW1 through MW6 and PZ1. The wells were purged at least three times their well volume prior to sample collection. All purged groundwater was containerized in 55-gallon drums pending disposal. The drums were labeled and stored on-site on the west side of the building. The groundwater samples were delivered to Synergy Environmental Lab, Inc under standard chain of custody practices and analyzed for volatile organic compounds (VOCs) (see Table 1 – Groundwater Analytical Table; and Laboratory Analytical Report, attached).

Results & Discussion:

<u>Groundwater:</u>

Based on the results of the groundwater sampling at the site, with one exception, all of the groundwater monitoring wells sampled exhibited a Wisconsin Administrative Code (Wis. Adm Code) NR 720 enforcement standard (ES) exceedance for tetrachloroethene (PCE); MW6 exhibited a Wis. Adm Code preventative action limit (PAL) exceedance of 3.2 ug/L (micrograms per liter) for PCE. Piezometer PZ1, which is set in the bedrock, also shown a PAL exceedance for PCE at a level of 4.9 ug/L. In addition, chloroform (6.8 ug/L) and bromodichloromethane (1.37 ug/L) was detected in MW2 exceeding the ES. Vinyl chloride was also detected in MW4 (4.2 ug/L) and MW5 (0.3J ug/L) exceeding the ES.

To date, the extent of the contaminate plume has yet to be fully defined in the groundwater. However, an estimated extent of the contaminate plume is shown in Figure 3 with its associated flow direction in Figure 2.

There are ES exceedances in all of the monitoring wells on site with the exception of MW6 (eastern most well). Based on the above-mentioned information, OMNNI suggests additional investigation.

Based on a review of the data from the site, groundwater flow direction is to the northeast. Additionally, it appears there is a downward migration of the contaminant plume, which is to be expected based on the nature of the contaminants and subsurface conditions. The contaminate plume extends beyond the property's boundary at the subject property above ES levels. The groundwater contamination extends to the City of Algoma's street right-of-way and extends to the properties adjacent to the northeast and east.

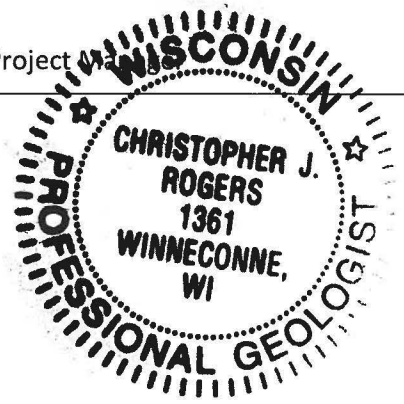
Conclusion & Recommendation:

Based on the available data to date, the groundwater contamination has not been fully delineated in either the horizontal or vertical directions. The horizontal extent of the contaminant plume has not been delineated in the northwest, northeast or southern directions. The vertical extent of the contaminant plume has not been delineated; however, the contaminant concentrations appear to be decreasing. To assist in obtaining the lateral extent of the contamination, OMNNI recommends another set of groundwater monitoring wells be installed and sampled. Newly installed groundwater monitoring wells should be installed where the contaminant plume is undefined (to the northwest, northeast, and south of the contaminant plume). Additionally, contamination in the City of Algoma right-of-way is likely due to the release at the subject property. There is also a high probability that PCE contamination extends beyond the street right-of-way and onto adjacent properties. At a minimum, OMNNI recommends quarterly groundwater sampling of the monitoring wells and piezometer to better determine the groundwater contamination at the site. Additionally, OMNNI recommends obtaining permission from adjacent property owners to install additional monitoring wells in an effort to define the extent of contamination.

Certification:

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

Signature	Title	Date
	Hydrogeologist/Project Manager	10/3/19



Sincerely,

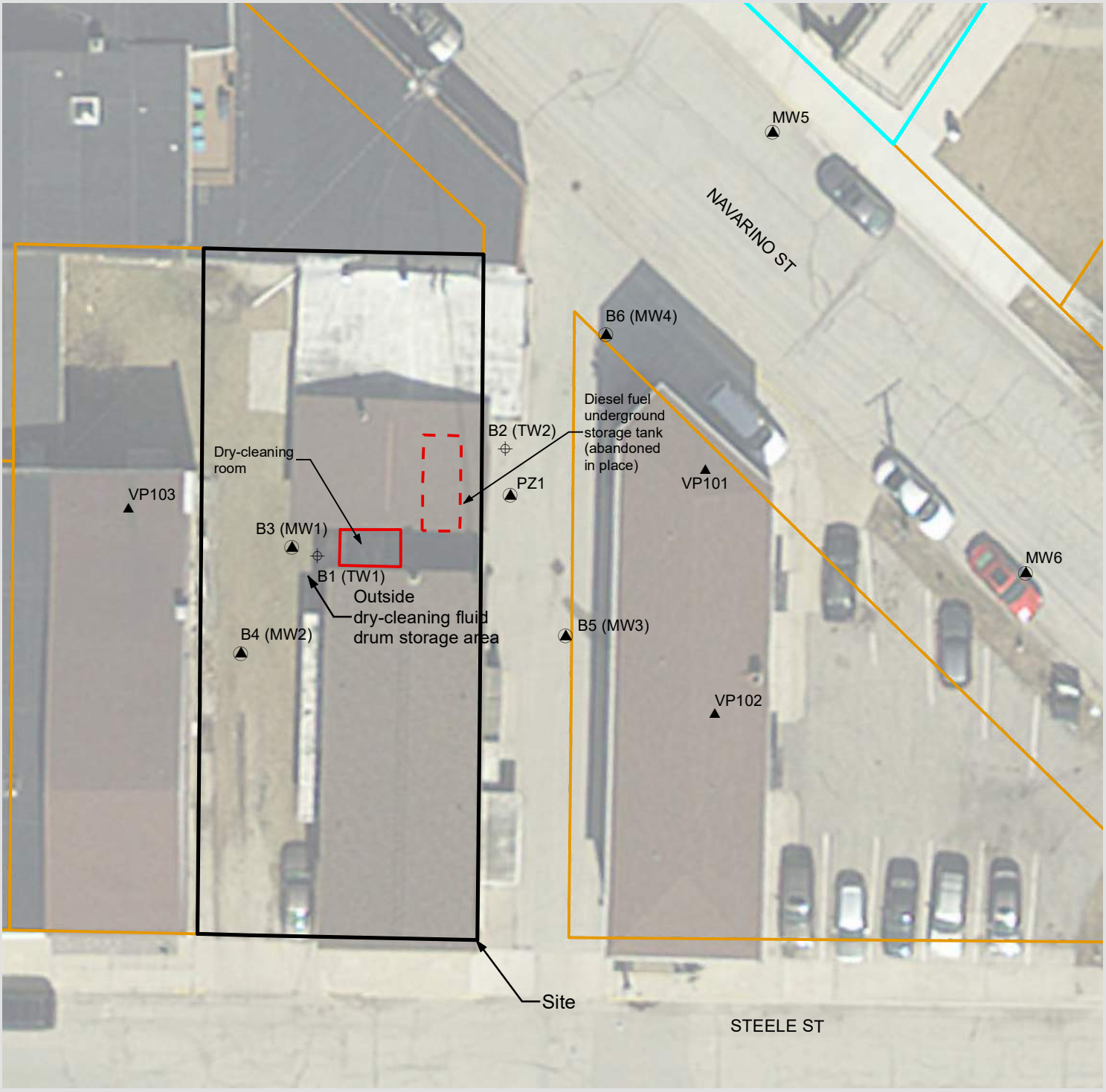
Christopher J. Rogers P.G.
Hydrogeologist / Project Manager

Enclosure(s)

Figure 1 – Site Detailed Map

Figure 2 – Groundwater Flow Direction Map
Figure 3 – Isoconcentration Map
Table 1 – Groundwater Analytical Table
Table 2 – Summary of Well Elevations
Groundwater Sampling Records
Laboratory Analytical Report

cc: John Emery (via email)



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ALLYN PROPERTY INVESTIGATION

SITE DETAIL MAP

111 STEELE STREET
CITY OF ALGOMA, KEWAUNEE COUNTY, WISCONSIN

Project Manager:	CJR
Project Engineer:	CJR
Drawn By:	JCW
Checked By:	CJR
Date:	1/18/2019

SCALE: 1 " = 25 '

PROJECT NO. **N2162C15**

FIGURE NO. **1**

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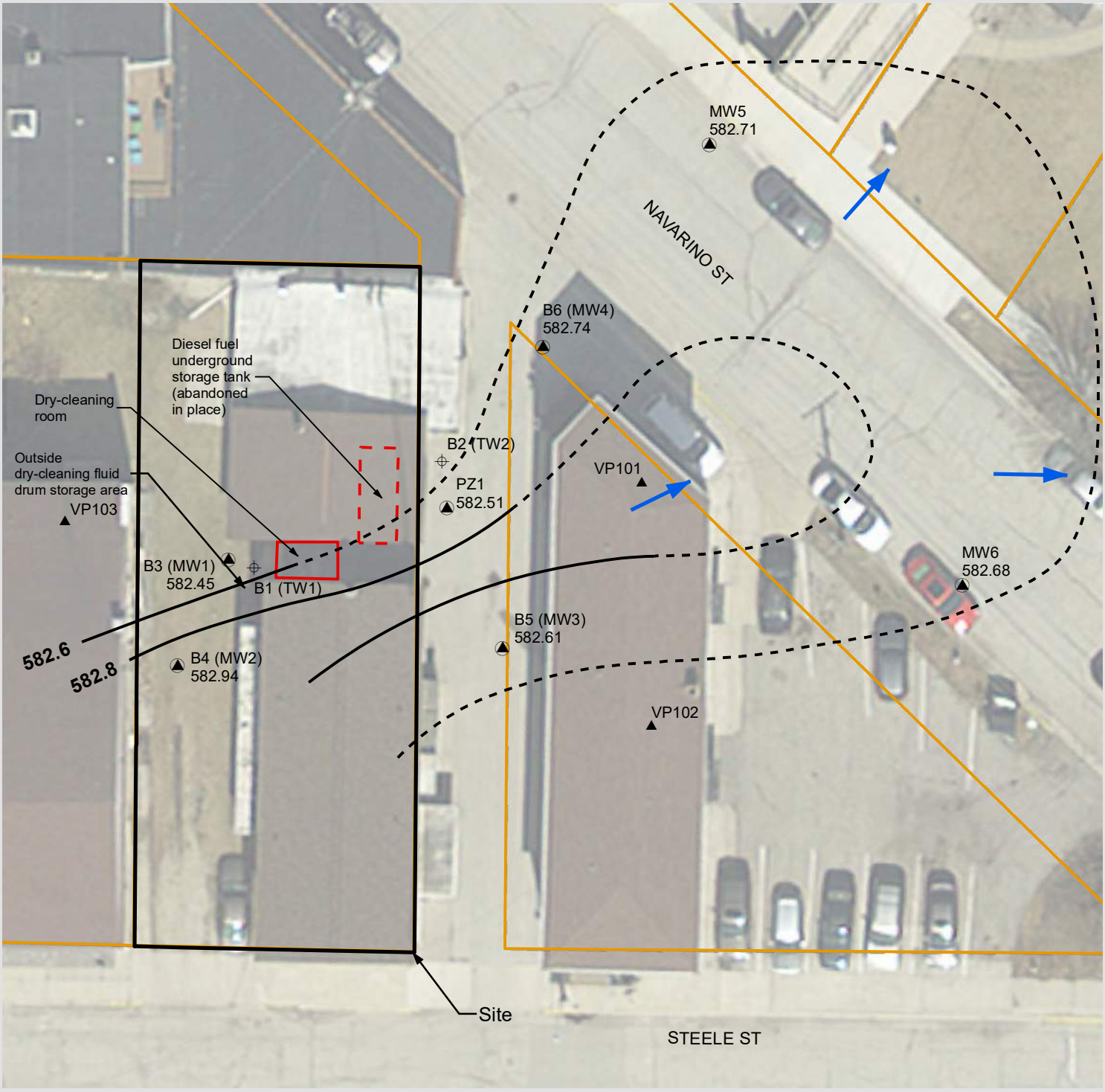

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ALLYN PROPERTY INVESTIGATION

GROUNDWATER FLOW DIRECTION MAP (6/17/2019)

111 STEELE STREET
CITY OF ALGOMA, KEWAUNEE COUNTY, WISCONSIN

Project Manager: CJR	SCALE: 1 " = 25 '
Project Engineer: CJR	
Drawn By: JCW	PROJECT NO. N2162C15
Checked By: CJR	
Date: 9/30/2019	FIGURE NO. 2

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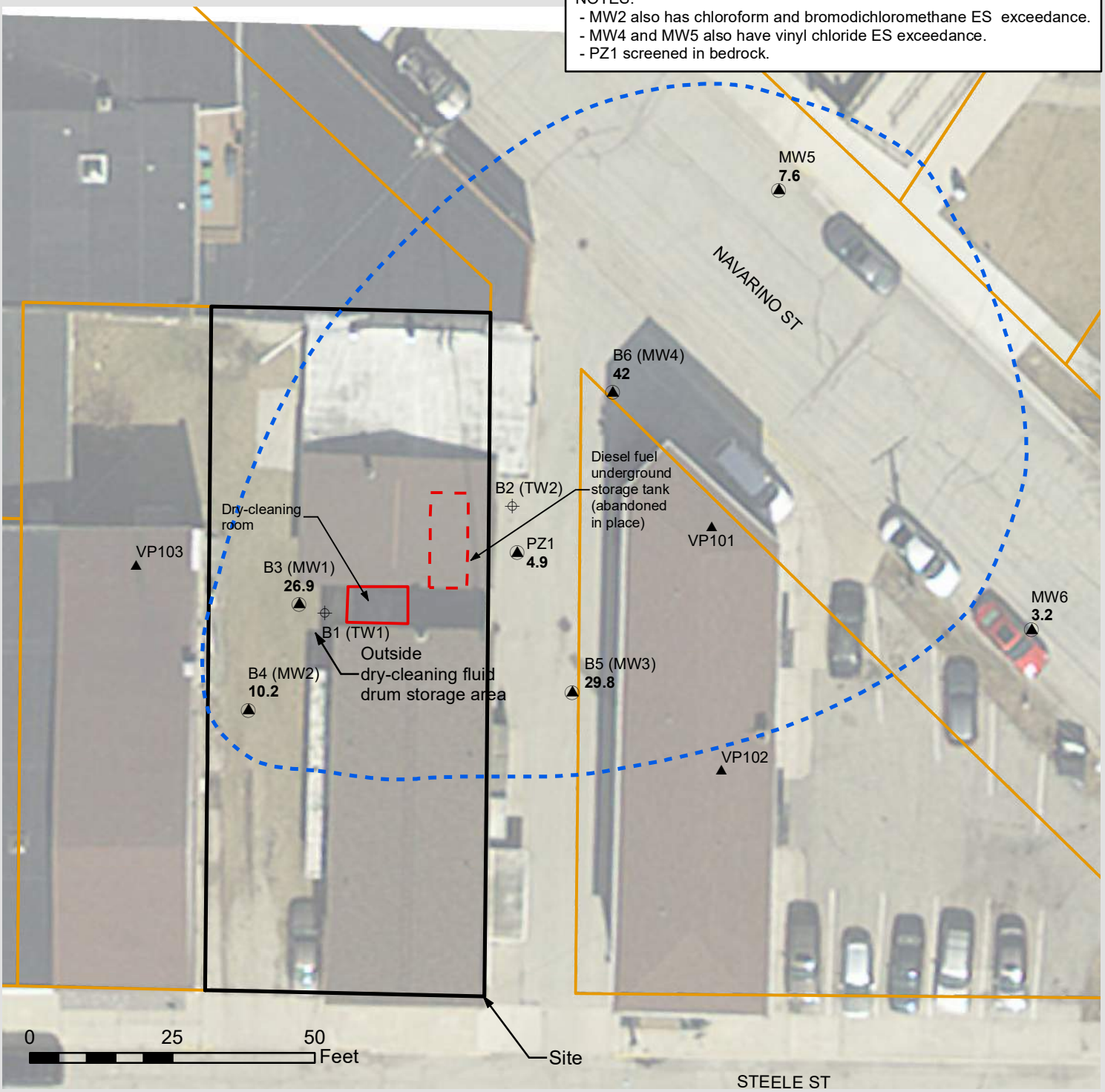
Parcels
Vapor Samples
Monitoring Wells
Estimated extent of groundwater Enforcement Standard (ES) exceedance.

Well	Contaminant	2/24/2016	1/4/2019	6/17/2019
MW1	Tetrachloroethene	310 µg/L	50 µg/L	26.9 µg/L
MW2	Tetrachloroethene	39 µg/L	12.4 µg/L	10.2 µg/L
MW3	Tetrachloroethene	54 µg/L	38 µg/L	29.8 µg/L
MW4	Tetrachloroethene	44 µg/L	56 µg/L	42 µg/L
MW5	Tetrachloroethene		7.9 µg/L	7.6 µg/L
MW6	Tetrachloroethene		4.2 µg/L	3.2 µg/L
PZ1	Tetrachloroethene		10.7 µg/L	4.9 µg/L

NOTES:
- MW2 also has chloroform and bromodichloromethane ES exceedance.
- MW4 and MW5 also have vinyl chloride ES exceedance.
- PZ1 screened in bedrock.



CJR
CJR

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ALLYN PROPERTY INVESTIGATION

GROUNDWATER ISOCONCENTRATION MAP (PCE) (6/17/2019)

111 STEELE STREET
CITY OF ALGOMA, KEWAUNEE COUNTY, WISCONSIN

Project Manager:		SCALE: 1 " = 25 '
Project Engineer:		
Drawn By:	JCW	PROJECT NO. N2162C15
Checked By:	CJR	
Date:	9/23/2019	FIGURE NO. 3

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Allyn Property

Table 1 - Groundwater Analytical Table

Detected Volatile Organic Compounds (VOC) (µg/L)

Chemical Name			Dibromochloromethane	Tetrachloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Chloroform	Chloromethane	Chloroethane	Vinyl Chloride	Bromodichloromethane	1,1-Dichloroethene	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	p-Isopropyltoluene
ES (µg/L)			60	5	70	100	6	30	400	0.2	0.6	7	5		
PAL (µg/L)			6	0.5	7	20	0.6	3	80	0.02	0.06	0.7	0.5		
strWellName	*SampleID*	*Date*	*124-48-1*	*127-18-4*	*156-59-2*	*156-60-5*	*67-66-3*	*74-87-3*	*75-00-3*	*75-01-4*	*75-27-4*	*75-35-4*	*79-01-6*	*95-63-6*	*99-87-6*
TW1	TW1	2/12/2015	< 22.5	***1280***	***142***	< 27	< 21.5	< 95	< 32.5	< 8.5	< 23	< 32.5	***41 J***	< 80	< 55
TW2	TW2	2/12/2015	< 4.5	***35***	*32*	< 5.4	< 4.3	< 19	< 6.5	***30.5***	< 4.6	< 6.5	***6.4 J***	24 J	< 11
MW1	MW1	2/24/2016	< 4.5	***310***	*9.6 J*	< 5.4	< 4.3	< 19	< 6.5	< 1.7	< 4.6	< 6.5	< 4.7	< 16	< 11
MW1	MW1	1/4/2019	< 0.22	***50***	1.69	< 0.34	< 0.26	*8.1*	< 0.61	< 0.2	< 0.33	< 0.42	*0.51 J*	< 0.8	0.34 J
MW1	MW1	6/17/2019	< 0.22	***26.9***	< 0.37	< 0.34	0.54 J	< 0.54	< 0.61	< 0.2	< 0.33	< 0.42	0.42 J	< 0.8	< 0.24
MW2	MW2	2/24/2016	< 0.45	***39***	< 0.45	< 0.54	< 0.43	< 1.9	< 0.65	< 0.17	< 0.46	< 0.65	< 0.47	< 1.6	< 1.1
MW2	MW2	1/4/2019	< 0.22	***12.4***	< 0.37	< 0.34	< 0.26	*15.6*	< 0.61	< 0.2	< 0.33	< 0.42	< 0.3	< 0.8	< 0.24
MW2	MW2	6/17/2019	0.23 J	***10.2***	< 0.37	< 0.34	***6.8***	< 0.54	< 0.61	< 0.2	***1.37***	< 0.42	< 0.3	< 0.8	< 0.24
MW3	MW3	2/24/2016	< 0.45	***54***	< 0.45	< 0.54	< 0.43	< 1.9	< 0.65	< 0.17	< 0.46	< 0.65	*1.55*	< 1.6	< 1.1
MW3	MW3	1/4/2019	< 0.22	***38***	< 0.37	< 0.34	< 0.26	*7.2*	< 0.61	< 0.2	< 0.33	< 0.42	< 0.3	< 0.8	< 0.24
MW3	MW3	6/17/2019	< 0.22	***29.8***	< 0.37	< 0.34	< 0.26	< 0.54	< 0.61	< 0.2	< 0.33	< 0.42	0.33 J	< 0.8	< 0.24
MW4	MW4	2/24/2016	< 0.45	***44***	*24.8*	< 0.54	< 0.43	< 1.9	< 0.65	***23.2***	< 0.46	*0.76 J*	***6.5***	< 1.6	< 1.1
MW4	MW4	1/4/2019	< 0.22	***56***	*38*	0.59 J	0.53 J	*3.5*	1.97	***7.5***	< 0.33	< 0.42	*3.05*	< 0.8	< 0.24
MW4	MW4	6/17/2019	< 0.22	***42***	2.3	< 0.34	0.37 J	< 0.54	< 0.61	***4.2***	< 0.33	< 0.42	*2.41*	< 0.8	< 0.24
MW5	MW5	1/4/2019	< 0.22	***7.9***	< 0.37	< 0.34	*1.93*	*4*	< 0.61	< 0.2	< 0.33	< 0.42	*0.56 J*	< 0.8	< 0.24
MW5	MW5	6/17/2019	< 0.22	***7.6***	2.65	< 0.34	0.49 J	< 0.54	< 0.61	***0.3 J***	< 0.33	< 0.42	*0.96*	< 0.8	< 0.24
MW6	MW6	1/4/2019	< 0.22	*4.2*	< 0.37	< 0.34	< 0.26	*5.4*	< 0.61	< 0.2	< 0.33	< 0.42	< 0.3	< 0.8	< 0.24
MW6	MW6	6/17/2019	< 0.22	*3.2*	< 0.37	< 0.34	< 0.26	< 0.54	< 0.61	< 0.2	< 0.33	< 0.42	< 0.3	< 0.8	< 0.24
PZ1	PZ1	1/4/2019	< 0.22	***10.7***	2.92	< 0.34	< 0.26	*3.8*	< 0.61	***0.71***	< 0.33	< 0.42	< 0.3	< 0.8	< 0.24
PZ1	PZ1	6/17/2019	< 0.22	*4.9*	1.4	< 0.34	< 0.26	< 0.54	< 0.61	< 0.2	< 0.33	< 0.42	< 0.3	< 0.8	< 0.24

BOLD entries indicate concentration detected above NR 140 Enforcement Standard (ES)

Italic entries indicate concentration above NR 140 Preventive Action Limit (PAL)

J = Analyte detected between the limit of detection and limit of quantitation.

All concentrations in µg/L.

Detect in groundwater exceeding ES

Detect in groundwater exceeding PAL

Detect in groundwater between LOD and PAL

Table 2 - Summary of Well Elevations

Facility Name: Allyn's LLC
Date: June 17, 2019
Weather Conditions: 75° F
Person(s) Sampling: Quin Lenz

Well Name	**MW1**	**MW2**	**MW3**	**MW4**	**MW5**	**MW6**	**PZ1**
WI Unique Well No.	PM373	PM374	PM378	PM379	VS190	VS191	VS192
Top of PVC Casing Elevation (MSL)	602.05	602.08	599.07	599.18	598.32	598.77	599.34
Ground Surface Elevation (MSL)	600.34	600.28	599.76	599.55	598.6	599.29	599.76
Depth to Bottom of Well (ft)	25.00	25.00	25.00	25.00	23.00	25.00	35.00
Screen Top (MSL)	587.05	587.08	584.07	584.18	585.32	583.77	569.34
Screen Bottom (MSL)	577.05	577.08	574.07	574.18	575.32	573.77	564.34
Screen Length (ft)	10	10	10	10	10	10	5
Water Elevation (MSL)	582.45	582.94	582.61	582.74	582.71	582.68	582.51
Water Elevation (ft from ground surface)	17.89	17.33	17.14	16.81	15.89	16.61	17.25
Measured Depth to Water (ft)	19.60	19.14	16.46	16.44	15.61	16.09	16.83

OMNNI ASSOCIATES

Groundwater Sampling Log

Project information:

Project Name: Allyns - Algoma | Well ID: MW1 | Date: 6/17/19

OMNNI Project Number: N2162C15

Project Address: 111 Steele Street, Algoma WI

OMNNI Representative: Quin Lenz

Water Quality Meter (Make, Model, S/N): Horiba U-52, HGS NO. YYK5E939

Water Level Information:

Total Well Length: 25.0 | Length of Water Column: 5.4

Depth of Water (ft. bgs): 19.60 | Well Volume (c*0.165[for 2" dia. Pipe]): 0.891

Well Purging Data:

Purge Method: Low flow

Minimum required purge volume (4 well volumes): 3.56 | 3 well vol = 2.67

Water Quality Parameters:

Time	Gallons	Temp (°C)	pH	ORP (mV)	DO (ppm)	COND (uS/cm)	TDS (ppm)	TURB (NTU)	Notes
3:06	initial	13.00	7.46	145	7.55	549	0.351	9.1	Clear
3:20	1.0	11.76	7.46	154	9.06	490	0.318	0	Clear
3:26	1.5	11.62	7.47	157	9.10	499	0.324	0	Clear
3:35	2.5	11.87	7.44	159	8.27	508	0.325	0	Clear
3:40	3.0	11.67	7.41	160	8.57	502	0.321	0	Clear

Temp = Degrees Celsius

COND = Electrical conductivity

ORP = Oxidation Reduction Potential

TDS = Total Dissolved Solids [expressed as electrical conductivity]

DO = Dissolved Oxygen

TURB = Turbidity [LED transmission/front 30° scattering method]

Method of sampling: Low flow

Sample ID: MW1

Analysis: VOC

Sample Time: 3:47

Have groundwater parameters been met?

Yes No

Explanation:

Additional Comments: Well goes dry after 3-gallons

OMNNI Representative Signature

6/17/19

Date

OMNNI ASSOCIATES

Groundwater Sampling Log

Project information:

Project Name: Allyns - Algoma | Well ID: MW2 | Date: 6/17/19

OMNNI Project Number: N2162C15

Project Address: 111 Steele Street, Algoma WI

OMNNI Representative: Quin Lenz

Water Quality Meter (Make, Model, S/N): Horiba U-52, HGS NO. YYK5E939

Water Level Information:

Total Well Length: 25.0 | Length of Water Column: 5.6

Depth of Water (ft. bgs): 19.14 | Well Volume (c*0.165[for 2" dia. Pipe]): 0.924

Well Purging Data:

Purge Method: Low flow

Minimum required purge volume (4 well volumes): 3.68 | 3 well vol = 2.77

Water Quality Parameters:

Time	Gallons	Temp (°C)	pH	ORP (mV)	DO (ppm)	COND (uS/cm)	TDS (ppm)	TURB (NTU)	Notes
2:57	initial	12.26	7.75	129	12.96	670	0.428	0	clear
3:11	1.5	11.85	7.60	142	12.36	644	0.412	0	clear
3:18	2.0	11:89	7.65	144	12.09	649	0.415	0	clear
3:23	2.5	11.55	7.58	150	11.70	643	0.411	0	clear
3:28	3.0	11.44	7.57	153	12.15	645	0.413	0	clear

Temp = Degrees Celsius

ORP = Oxidation Reduction Potential

DO = Dissolved Oxygen

COND = Electrical conductivity

TDS = Total Dissolved Solids [expressed as electrical conductivity]

TURB = Turbidity [LED transmission/front 30° scattering method]

Method of sampling: Low flow

Sample ID: MW2

Analysis: VOC

Sample Time: 3:31

Have groundwater parameters been met?

(Yes) No

Explanation:

Additional Comments:

OMNNI Representative Signature

6/17/19

Date

OMNNI ASSOCIATES

Groundwater Sampling Log

Project information:

Project Name: Allyns - Algoma | Well ID: MW3 | Date: 6/17

OMNNI Project Number: N2162C15

Project Address: 111 Steele Street, Algoma WI

OMNNI Representative: Quin Lenz

Water Quality Meter (Make, Model, S/N): Horiba U-52, HGS NO. YYK5E939

Water Level Information:

Total Well Length: 25.0 | Length of Water Column: 8.54

Depth of Water (ft. bgs): 16.46 | Well Volume (c*0.165[for 2" dia. Pipe]): 1.40

Well Purging Data:

Purge Method: Low flow

Minimum required purge volume (4 well volumes): 5.6 | 3 well vol. = 4.2

Water Quality Parameters:

Time	Gallons	Temp (°C)	pH	ORP (mV)	DO (ppm)	COND (uS/cm)	TDS (ppm)	TURB (NTU)	Notes
106	Initial	14.79	7.54	74	9.98	1400	0.896	0.5	clear
1:21	1.5	15.12	7.62	109	11.15	1370	0.874	1.4	clear
1:33	2.0	14.16	7.56	126	10.57	1370	0.876	0.5	clear
1:39	3.0	13.71	7.43	135	9.86	1370	0.878	0	clear
1:45	3.5	13.88	7.48	137	10.75	1390	0.890	0	clear
1:50	4.0	14.07	7.49	140	10.12	1410	0.899	0	Clear
1:56	4.5	13.65	7.39	145	4.82	1420	0.907	0	clear

Temp = Degrees Celsius

COND = Electrical conductivity

ORP = Oxidation Reduction Potential

TDS = Total Dissolved Solids [expressed as electrical conductivity]

DO = Dissolved Oxygen

TURB = Turbidity [LED transmission/front 30° scattering method]

Method of sampling: Low flow

Sample ID: MW3

Analysis: VOC

Sample Time: 9:00

Have groundwater parameters been met?

(Yes) No

Explanation:

Additional Comments:

OMNNI Representative Signature

6/17/19

Date

OMNNI ASSOCIATES

Groundwater Sampling Log

Project information:

Project Name: Allyns - Algoma | Well ID: MW4 | Date: 6/17/19

OMNNI Project Number: N2162C15

Project Address: 111 Steele Street, Algoma WI

OMNNI Representative: Quin Lenz

Water Quality Meter (Make, Model, S/N): Horiba U-52, HGS NO. YYK5E939

Water Level Information:

Total Well Length: 25.0 | Length of Water Column: 8.56

Depth of Water (ft. bgs): 16.44 | Well Volume (c*0.165[for 2" dia. Pipe]): 1.41

Well Purging Data:

Purge Method: Low flow

Minimum required purge volume (4 well volumes): 3 well VOL= 4.23

Water Quality Parameters:

Time	Gallons	Temp (°C)	pH	ORP (mV)	DO (ppm)	COND (uS/cm)	TDS (ppm)	TURB (NTU)	Notes
11:59	initial								
12:17	1.5	14.96	7.30	102	6.28	1710	1.09	2.3	clear
12:25	2.0	14.32	7.40	73	6.70	1640	1.05	1.2	clear
12:40	3.0	14.60	7.26	31	5.87	1530	0.977	1.4	clear
12:49	4.0	14.72	7.25	29	5.92	1520	0.970	0	clear
12:55	4.5	14.15	7.23	21	6.18	1510	0.966	0	clear

Temp = Degrees Celsius

ORP = Oxidation Reduction Potential

DO = Dissolved Oxygen

COND = Electrical conductivity

TDS = Total Dissolved Solids [expressed as electrical conductivity]

TURB = Turbidity [LED transmission/front 30° scattering method]

Method of sampling: Low flow

Sample ID: MW4

Analysis: VOC

Sample Time: 12:55

Have groundwater parameters been met?

(Yes) No

Explanation:

Additional Comments:

OMNNI Representative Signature

Date 6/17/19

OMNNI ASSOCIATES

Groundwater Sampling Log

Project information:

Project Name: Allyns - Algoma | Well ID: MW5 | Date: 6/17/19

OMNNI Project Number: N2162C15

Project Address: 111 Steele Street, Algoma WI

OMNNI Representative: Quin Lenz

Water Quality Meter (Make, Model, S/N): Horiba U-52, HGS NO. YYK5E939

Water Level Information:

Total Well Length: 23.0 | Length of Water Column: 7.39

Depth of Water (ft. bgs): 15.61 | Well Volume (c*0.165[for 2" dia. Pipe]): 1.21

Well Purging Data:

Purge Method: Low flow

Minimum required purge volume (4 well volumes): 4.87 | 3 Well Vol.= 3.63

Water Quality Parameters:

Time	Gallons	Temp (°C)	pH	ORP (mV)	DO (ppm)	COND (uS/cm)	TDS (ppm)	TURB (NTU)	Notes
10:54	initial								Clear
11:03	1.0	14.66	7.28	100	5.24	1990	1.27	0.7	clear
11:13	1.5	13.88	7.16	92	4.90	1940	1.24	0.1	clear
11:23	2.5	13:30	7.19	109	6.47	1920	1.22	0	clear
11:33	3.5	13.01	7.20	109	5.14	1880	1.20	0	clear
11:48	4.0	14.05	7.30	105	5.63	1840	1.17	0	clear

Temp = Degrees Celsius

COND = Electrical conductivity

ORP = Oxidation Reduction Potential

TDS = Total Dissolved Solids [expressed as electrical conductivity]

DO = Dissolved Oxygen

TURB = Turbidity [LED transmission/front 30° scattering method]

Method of sampling: Low flow

Sample ID: MW5

Analysis: VOC

Sample Time: 11:51

Have groundwater parameters been met?

Yes (circled) No

Explanation:

Additional Comments:

OMNNI Representative Signature

6/17/19

Date

OMNNI ASSOCIATES

Groundwater Sampling Log

Project information:

Project Name: Allyns - Algoma | Well ID: MW6 | Date: 6/17/19

OMNNI Project Number: N2162C15

Project Address: 111 Steele Street, Algoma WI

OMNNI Representative: Quin Lenz

Water Quality Meter (Make, Model, S/N): Horiba U-52, HGS NO. YYK5E939

Water Level Information:

Total Well Length: 25.0 | Length of Water Column: 8.91

Depth of Water (ft. bgs): 16.09 | Well Volume (c*0.165[for 2" dia. Pipe]): 1.47

Well Purging Data:

Purge Method: Low flow

Minimum required purge volume (4 well volumes): 5.88 | 3 well vol = 4.41

Water Quality Parameters:

Time	Gallons	Temp (°C)	pH	ORP (mV)	DO (ppm)	COND (uS/cm)	TDS (ppm)	TURB (NTU)	Notes
10:44	initial								clear
10:53	1.0	15.75	7.43	96	12.73	1430	0.915	0	clear
11:07	2.0	13.10	7.21	80	11.70	1460	0.932	0	clear
11:18	3.0	13.21	7.23	95	10.61	1520	0.975	0	clear
11:28	4.0	13.09	7.26	102	10.02	1550	0.993	0	clear
11:36	4.5	13.03	7.28	105	10.52	1570	1.0	0	clear

Temp = Degrees Celsius

ORP = Oxidation Reduction Potential

DO = Dissolved Oxygen

COND = Electrical conductivity

TDS = Total Dissolved Solids [expressed as electrical conductivity]

TURB = Turbidity [LED transmission/front 30° scattering method]

Method of sampling: Low flow

Sample ID: MW6

Analysis: VOC

Sample Time: 11:40

Have groundwater parameters been met?

(Yes) No

Explanation:

Additional Comments:

OMNNI Representative Signature

6/17/19

Date

OMNNI ASSOCIATES

Groundwater Sampling Log

Project information:

Project Name: Allyns - Algoma | Well ID: PZ1 | Date: 6/17/19

OMNNI Project Number: N2162C15

Project Address: 111 Steele Street, Algoma WI

OMNNI Representative: Quin Lenz

Water Quality Meter (Make, Model, S/N): Horiba U-52, HGS NO. YYK5E939

Water Level Information:

Total Well Length: 35.0 | Length of Water Column: 18.17

Depth of Water (ft. bgs): 16.83 | Well Volume (c*0.165[for 2" dia. Pipe]): 2.99

Well Purging Data:

Purge Method: Low flow

Minimum required purge volume (4 well volumes): 11.96 | 3 well vol = 8.99

Water Quality Parameters:

Time	Gallons	Temp (°C)	pH	ORP (mV)	DO (ppm)	COND (uS/cm)	TDS (ppm)	TURB (NTU)	Notes
12:43	initial								
1:03	1.5	14.14	7.16	25	6.41	2090	1.34	21.7	clear
1:24	3.0	14.45	7.19	124	5.58	1490	0.955	2.2	clear
1:36	4.0	14.07	7.34	137	5.28	1330	0.851	0.5	clear
1:54	5.0	13.90	7.31	143	4.78	1220	0.777	0	clear
2:05	6.0	14.50	7.40	37	5.50	1220	0.781	0	clear
2:15	7.0	13.87	7.29	120	6.81	1230	0.785	0	clear
2:25	7.5	13.85	7.36	122	5.65	1180	0.757	0	clear
2:32	8.0	13.64	7.28	131	5.77	1170	0.749	1.5	clear
2:38	8.5	13.52	7.29	135	5.22	1170	0.746	0	clear
2:42	9.0	13.26	7.30	138	5.59	1170	0.746	0	clear

Temp = Degrees Celsius | COND = Electrical conductivity

ORP = Oxidation Reduction Potential | TDS = Total Dissolved Solids [expressed as electrical conductivity]

DO = Dissolved Oxygen | TURB = Turbidity [LED transmission/front 30° scattering method]

Method of sampling: Low flow

Sample ID: PZ1

Analysis: VOC

Sample Time: 2:46

Have groundwater parameters been met?

(Yes) No

Explanation:

Additional Comments:

OMNNI Representative Signature

6/17/19

Date

Synergy Environmental Lab, INC

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

CHRIS ROGERS
OMNNI ASSOCIATES INC
ONE SYSTEMS DRIVE
APPLETON WI 54914-1654

Report Date *25-Jun-19*

Project Name ALLYN'S
Project # N2162C15

Invoice # E36349

Lab Code 5036349A
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		6/21/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		6/21/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		6/21/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		6/21/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		6/21/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		6/21/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		6/21/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		6/21/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		6/21/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		6/21/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		6/21/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		6/21/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		6/21/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		6/21/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		6/21/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		6/21/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		6/21/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		6/21/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		6/21/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		6/21/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		6/21/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		6/21/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		6/21/2019	CJR	1

Project Name ALLYN'S
Project # N2162C15

Invoice # E36349

Lab Code 5036349A
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		6/21/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		6/21/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		6/21/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		6/21/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		6/21/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/21/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		6/21/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		6/21/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		6/21/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		6/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		6/21/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		6/21/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		6/21/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		6/21/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		6/21/2019	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		6/21/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		6/21/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		6/21/2019	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		6/21/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		6/21/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		6/21/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		6/21/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		6/21/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		6/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		6/21/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		6/21/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/21/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/21/2019	CJR	1
SUR - Toluene-d8	106	REC %			1	8260B		6/21/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	110	REC %			1	8260B		6/21/2019	CJR	1
SUR - 4-Bromofluorobenzene	121	REC %			1	8260B		6/21/2019	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		6/21/2019	CJR	1

Project Name ALLYN'S
Project # N2162C15

Invoice # E36349

Lab Code 5036349B
Sample ID MW1
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		6/21/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		6/21/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		6/21/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		6/21/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		6/21/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		6/21/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		6/21/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		6/21/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		6/21/2019	CJR	1
Chloroform	0.54 "J"	ug/l	0.26	0.82	1	8260B		6/21/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		6/21/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		6/21/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		6/21/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		6/21/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		6/21/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		6/21/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		6/21/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		6/21/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		6/21/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		6/21/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		6/21/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		6/21/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		6/21/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		6/21/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		6/21/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		6/21/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		6/21/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		6/21/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/21/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		6/21/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		6/21/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		6/21/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		6/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		6/21/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		6/21/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		6/21/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		6/21/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		6/21/2019	CJR	1
Tetrachloroethene	26.9	ug/l	0.38	1.21	1	8260B		6/21/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		6/21/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		6/21/2019	CJR	1

Project Name ALLYN'S
Project # N2162C15

Invoice # E36349

Lab Code 5036349B
Sample ID MW1
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		6/21/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		6/21/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		6/21/2019	CJR	1
Trichloroethene (TCE)	0.42 "J"	ug/l	0.3	0.94	1	8260B		6/21/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		6/21/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		6/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		6/21/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		6/21/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/21/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/21/2019	CJR	1
SUR - Toluene-d8	106	REC %			1	8260B		6/21/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		6/21/2019	CJR	1
SUR - 4-Bromofluorobenzene	118	REC %			1	8260B		6/21/2019	CJR	1
SUR - Dibromofluoromethane	94	REC %			1	8260B		6/21/2019	CJR	1

Project Name ALLYN'S **Invoice #** E36349
Project # N2162C15

Lab Code 5036349C
Sample ID MW2
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		6/21/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		6/21/2019	CJR	1
Bromodichloromethane	1.37	ug/l	0.33	1.06	1	8260B		6/21/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		6/21/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		6/21/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		6/21/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		6/21/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		6/21/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		6/21/2019	CJR	1
Chloroform	6.8	ug/l	0.26	0.82	1	8260B		6/21/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		6/21/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		6/21/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		6/21/2019	CJR	1
Dibromochloromethane	0.23 "J"	ug/l	0.22	0.69	1	8260B		6/21/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		6/21/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		6/21/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		6/21/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		6/21/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		6/21/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		6/21/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		6/21/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		6/21/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		6/21/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		6/21/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		6/21/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		6/21/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		6/21/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		6/21/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/21/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		6/21/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		6/21/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		6/21/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		6/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		6/21/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		6/21/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		6/21/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		6/21/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		6/21/2019	CJR	1
Tetrachloroethene	10.2	ug/l	0.38	1.21	1	8260B		6/21/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		6/21/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		6/21/2019	CJR	1

Project Name ALLYN'S
Project # N2162C15

Invoice # E36349

Lab Code 5036349C
Sample ID MW2
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		6/21/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		6/21/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		6/21/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		6/21/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		6/21/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		6/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		6/21/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		6/21/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/21/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/21/2019	CJR	1
SUR - Toluene-d8	105	REC %			1	8260B		6/21/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	108	REC %			1	8260B		6/21/2019	CJR	1
SUR - 4-Bromofluorobenzene	118	REC %			1	8260B		6/21/2019	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		6/21/2019	CJR	1

Project Name ALLYN'S **Invoice #** E36349
Project # N2162C15

Lab Code 5036349D
Sample ID MW3
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		6/21/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		6/21/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		6/21/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		6/21/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		6/21/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		6/21/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		6/21/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		6/21/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		6/21/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		6/21/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		6/21/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		6/21/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		6/21/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		6/21/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		6/21/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		6/21/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		6/21/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		6/21/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		6/21/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		6/21/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		6/21/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		6/21/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		6/21/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		6/21/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		6/21/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		6/21/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		6/21/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		6/21/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/21/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		6/21/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		6/21/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		6/21/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		6/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		6/21/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		6/21/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		6/21/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		6/21/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		6/21/2019	CJR	1
Tetrachloroethene	29.8	ug/l	0.38	1.21	1	8260B		6/21/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		6/21/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		6/21/2019	CJR	1

Project Name ALLYN'S
Project # N2162C15

Invoice # E36349

Lab Code 5036349D
Sample ID MW3
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		6/21/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		6/21/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		6/21/2019	CJR	1
Trichloroethene (TCE)	0.33 "J"	ug/l	0.3	0.94	1	8260B		6/21/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		6/21/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		6/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		6/21/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		6/21/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/21/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/21/2019	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		6/21/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B		6/21/2019	CJR	1
SUR - 4-Bromofluorobenzene	122	REC %			1	8260B		6/21/2019	CJR	1
SUR - Toluene-d8	107	REC %			1	8260B		6/21/2019	CJR	1

Project Name ALLYN'S
Project # N2162C15

Invoice # E36349

Lab Code 5036349E
Sample ID MW4
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		6/21/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		6/21/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		6/21/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		6/21/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		6/21/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		6/21/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		6/21/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		6/21/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		6/21/2019	CJR	1
Chloroform	0.37 "J"	ug/l	0.26	0.82	1	8260B		6/21/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		6/21/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		6/21/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		6/21/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		6/21/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		6/21/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		6/21/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		6/21/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		6/21/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		6/21/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		6/21/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		6/21/2019	CJR	1
cis-1,2-Dichloroethene	2.3	ug/l	0.37	1.16	1	8260B		6/21/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		6/21/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		6/21/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		6/21/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		6/21/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		6/21/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		6/21/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/21/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/21/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		6/21/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		6/21/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		6/21/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		6/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		6/21/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		6/21/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		6/21/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		6/21/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		6/21/2019	CJR	1
Tetrachloroethene	42	ug/l	0.38	1.21	1	8260B		6/21/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		6/21/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		6/21/2019	CJR	1

Project Name ALLYN'S
Project # N2162C15

Invoice # E36349

Lab Code 5036349E
Sample ID MW4
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		6/21/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		6/21/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		6/21/2019	CJR	1
Trichloroethene (TCE)	2.41	ug/l	0.3	0.94	1	8260B		6/21/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		6/21/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		6/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		6/21/2019	CJR	1
Vinyl Chloride	4.2	ug/l	0.2	0.65	1	8260B		6/21/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/21/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/21/2019	CJR	1
SUR - Toluene-d8	106	REC %			1	8260B		6/21/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		6/21/2019	CJR	1
SUR - 4-Bromofluorobenzene	119	REC %			1	8260B		6/21/2019	CJR	1
SUR - Dibromofluoromethane	95	REC %			1	8260B		6/21/2019	CJR	1

Project Name ALLYN'S **Invoice #** E36349
Project # N2162C15

Lab Code 5036349F
Sample ID MW5
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		6/22/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		6/22/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		6/22/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		6/22/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		6/22/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		6/22/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		6/22/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		6/22/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/22/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		6/22/2019	CJR	1
Chloroform	0.49 "J"	ug/l	0.26	0.82	1	8260B		6/22/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		6/22/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		6/22/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		6/22/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		6/22/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		6/22/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		6/22/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		6/22/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		6/22/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		6/22/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		6/22/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		6/22/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		6/22/2019	CJR	1
cis-1,2-Dichloroethene	2.65	ug/l	0.37	1.16	1	8260B		6/22/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		6/22/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		6/22/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		6/22/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		6/22/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		6/22/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		6/22/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/22/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/22/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		6/22/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		6/22/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		6/22/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		6/22/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		6/22/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		6/22/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		6/22/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		6/22/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		6/22/2019	CJR	1
Tetrachloroethene	7.6	ug/l	0.38	1.21	1	8260B		6/22/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		6/22/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		6/22/2019	CJR	1

Project Name ALLYN'S
Project # N2162C15

Invoice # E36349

Lab Code 5036349F
Sample ID MW5
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		6/22/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		6/22/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		6/22/2019	CJR	1
Trichloroethene (TCE)	0.96	ug/l	0.3	0.94	1	8260B		6/22/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		6/22/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		6/22/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		6/22/2019	CJR	1
Vinyl Chloride	0.3 "J"	ug/l	0.2	0.65	1	8260B		6/22/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/22/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/22/2019	CJR	1
SUR - Toluene-d8	107	REC %			1	8260B		6/22/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	106	REC %			1	8260B		6/22/2019	CJR	1
SUR - 4-Bromofluorobenzene	120	REC %			1	8260B		6/22/2019	CJR	1
SUR - Dibromofluoromethane	96	REC %			1	8260B		6/22/2019	CJR	1

Project Name ALLYN'S **Invoice #** E36349
Project # N2162C15

Lab Code 5036349G
Sample ID MW6
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		6/22/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		6/22/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		6/22/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		6/22/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		6/22/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		6/22/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		6/22/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		6/22/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/22/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		6/22/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		6/22/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		6/22/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		6/22/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		6/22/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		6/22/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		6/22/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		6/22/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		6/22/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		6/22/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		6/22/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		6/22/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		6/22/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		6/22/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		6/22/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		6/22/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		6/22/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		6/22/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		6/22/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		6/22/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		6/22/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/22/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/22/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		6/22/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		6/22/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		6/22/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		6/22/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		6/22/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		6/22/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		6/22/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		6/22/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		6/22/2019	CJR	1
Tetrachloroethene	3.2	ug/l	0.38	1.21	1	8260B		6/22/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		6/22/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		6/22/2019	CJR	1

Project Name ALLYN'S
Project # N2162C15

Invoice # E36349

Lab Code 5036349G
Sample ID MW6
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		6/22/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		6/22/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		6/22/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		6/22/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		6/22/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		6/22/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		6/22/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		6/22/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/22/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/22/2019	CJR	1
SUR - Toluene-d8	106	REC %			1	8260B		6/22/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	109	REC %			1	8260B		6/22/2019	CJR	1
SUR - 4-Bromofluorobenzene	120	REC %			1	8260B		6/22/2019	CJR	1
SUR - Dibromofluoromethane	95	REC %			1	8260B		6/22/2019	CJR	1

Project Name ALLYN'S **Invoice #** E36349
Project # N2162C15

Lab Code 5036349H
Sample ID PZ1
Sample Matrix Water
Sample Date 6/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		6/22/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		6/22/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		6/22/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		6/22/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		6/22/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		6/22/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		6/22/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		6/22/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/22/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		6/22/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		6/22/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		6/22/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		6/22/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		6/22/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		6/22/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		6/22/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		6/22/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		6/22/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		6/22/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		6/22/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		6/22/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		6/22/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		6/22/2019	CJR	1
cis-1,2-Dichloroethene	1.4	ug/l	0.37	1.16	1	8260B		6/22/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		6/22/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		6/22/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		6/22/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		6/22/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		6/22/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		6/22/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/22/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/22/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		6/22/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		6/22/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		6/22/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		6/22/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		6/22/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		6/22/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		6/22/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		6/22/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		6/22/2019	CJR	1
Tetrachloroethene	4.9	ug/l	0.38	1.21	1	8260B		6/22/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		6/22/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		6/22/2019	CJR	1

Project Name ALLYN'S
Project # N2162C15

Invoice # E36349

Lab Code 5036349H
Sample ID PZ1
Sample Matrix Water
Sample Date 6/17/2019

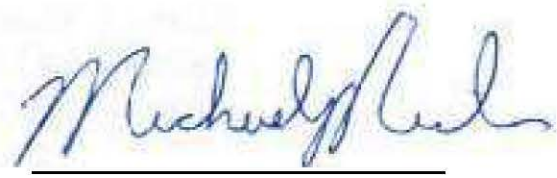
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		6/22/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		6/22/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		6/22/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		6/22/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		6/22/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		6/22/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		6/22/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		6/22/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/22/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/22/2019	CJR	1
SUR - Toluene-d8	105	REC %			1	8260B		6/22/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	108	REC %			1	8260B		6/22/2019	CJR	1
SUR - 4-Bromofluorobenzene	120	REC %			1	8260B		6/22/2019	CJR	1
SUR - Dibromofluoromethane	100	REC %			1	8260B		6/22/2019	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.

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

Authorized Signature



CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

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

Chain # Nº 320

Page 1 of 1

Sample Handling Request
____ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #
Account No. : **Quote No.:**
Project #: N2162C15
Sampler: (signature)

Project (Name / Location): Allyn's Algoma WI

Reports To: Chris Rogers	Invoice To:
Company OMNNI Associates	Company
Address 1 N. Systems Dr.	Address
City State Zip Appleton WI 54914	City State Zip SAME
Phone (920)735-6900	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
503634 9A	Trip Blank	6/17	8:00		X	N	1		HCL
B	MW1		3:42				3	GW	
C	MW2		3:31						
D	MW3		2:00						
E	MW4		12:59						
F	MW5		11:51						
G	MW6		11:40						
H	PZ1		2:46						

Analysis Requested / **Other Analysis**

DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/FID
												X		
												X		
												X		
												X		
												X		
												X		
												X		
												X		

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

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	4:28	6/18/19			

Received in Laboratory By: Time: 4:28 Date: 6/18/19