

Vitale, Matthew J - DNR

From: Ken Shimko <kshimko.meridianenv@gmail.com>
Sent: Saturday, August 10, 2019 10:05 AM
To: Vitale, Matthew J - DNR
Subject: FW: 0306001296 : Status Update Report - Julson Store (former)
Attachments: 40188167_frc_rev.pdf

Matt.

Revised lab report (dissolved Pb analysis using ICPMS 6020 to meet the PAL).

Kenneth Shimko, PG
Meridian Environmental Consulting, LLC
2711 North Elco Road
Fall Creek, Wisconsin 54742
(715)832-6608 (office)
(715)579-0723 (cell)
Email: kshimko.meridianenv@gmail.com

From: Ken Shimko [mailto:kshimko.meridianenv@gmail.com]
Sent: Monday, August 05, 2019 3:58 PM
To: 'Vitale, Matthew J - DNR' <Matthew.Vitale@wisconsin.gov>
Subject: RE: 0306001296 : Status Update Report - Julson Store (former)

FYI: I contacted Pace Lab about your comment (dissolved Pb detection limit > PAL). They are going to re-run the May samples no charge. (not sure how that works but will provide their results). Also, future analysis will use dissolved Pb analysis using ICPMS 6020 to meet the PAL.

Thanks again for bringing to my attention.

I am sending Change Order for sampling in separate correspondence.

From: Vitale, Matthew J - DNR [mailto:Matthew.Vitale@wisconsin.gov]
Sent: Friday, August 02, 2019 4:04 PM
To: Ken Shimko <kshimko.meridianenv@gmail.com>
Subject: RE: 0306001296 : Status Update Report - Julson Store (former)

Ken,

I reviewed the Progress Report dated July 15, 2019 for the above referenced site. I concur with your recommendation to conduct one additional round of groundwater sampling.

My only concern with the report is that the laboratory could not get a reporting limit for dissolved lead below the PAL. I have other sites where this is achieved.

-Matt

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Matthew Vitale

Phone: (715) 839-3760

Matthew.Vitale@wisconsin.gov

From: Ken Shimko <kshimko.meridianenv@gmail.com>

Sent: Friday, August 2, 2019 5:46 AM

To: Vitale, Matthew J - DNR <Matthew.Vitale@wisconsin.gov>

Subject: FW: 0306001296 : Status Update Report - Julson Store (former)

Hi Matt.

Did you have a chance to look at the recent report for this site? Perhaps I can call you to discuss.

Thanks

Kenneth Shimko, PG
Meridian Environmental Consulting, LLC
2711 North Elco Road
Fall Creek, Wisconsin 54742
(715)832-6608 (office)
(715)579-0723 (cell)
Email: kshimko.meridianenv@gmail.com

From: WI DNR [<mailto:no-reply@wisconsin.gov>]

Sent: Monday, July 15, 2019 7:08 PM

To: RobertaKettering <ketteringr@gmail.com>

Subject: 0306001296 : Status Update Report

Dear Roberta Kettering,

Your document has been successfully uploaded.

Please do not reply to this email.

Confirmation #: 3235702077

BRRTS #: 0306001296

Name: *Roberta Kettering*

Company/Organization: *Meridian Env Consulting LLC*

Site Name: *MARUM, JOHN PROPERTY*

Please send a paper copy of your submittal to your assigned Project Manager. Please see the [DNR Staff Directory](#) to find your project manager's address.

A submittal is not considered complete until the fee (if applicable), paper and electronic copy of the document or report are received, per Wis. Admin. Code § NR 749.04 (1) and § NR 700.11 (3g) respectively.

For more information please see the [Guidance for submitting Document to the Remediation and Redevelopment Program\(RR-690\)](#)

If you have any questions, please contact:

DEENA KINNEY
deena.kinney@wisconsin.gov
715-839-2784

August 09, 2019

Kenneth Shimko
Meridian Environmental Consulting, LLC
2711 North Elco Rd
Fall Creek, WI 54742

RE: Project: JULSON STORE
Pace Project No.: 40188167

Dear Kenneth Shimko:

Enclosed are the analytical results for sample(s) received by the laboratory on May 23, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: JULSON STORE

Pace Project No.: 40188167

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: JULSON STORE

Pace Project No.: 40188167

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40188167001	MW-1	Water	05/22/19 00:00	05/23/19 08:50
40188167002	MW-4	Water	05/22/19 00:00	05/23/19 08:50
40188167003	MW-5A	Water	05/22/19 00:00	05/23/19 08:50
40188167004	MW-5B	Water	05/22/19 00:00	05/23/19 08:50
40188167005	MW-6	Water	05/22/19 00:00	05/23/19 08:50
40188167006	MW-7	Water	05/22/19 00:00	05/23/19 08:50
40188167007	MW-8A	Water	05/22/19 00:00	05/23/19 08:50
40188167008	MW-8B	Water	05/22/19 00:00	05/23/19 08:50
40188167009	MW-9	Water	05/22/19 00:00	05/23/19 08:50
40188167010	MW-10A	Water	05/22/19 00:00	05/23/19 08:50
40188167011	MW-10B	Water	05/22/19 00:00	05/23/19 08:50
40188167012	MW-11A	Water	05/22/19 00:00	05/23/19 08:50
40188167013	MW-11B	Water	05/22/19 00:00	05/23/19 08:50
40188167014	PW	Water	05/22/19 00:00	05/23/19 08:50
40188167015	TRIP BLANK	Water	05/22/19 00:00	05/23/19 08:50

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SAMPLE ANALYTE COUNT

Project: JULSON STORE
Pace Project No.: 40188167

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40188167001	MW-1	EPA 6010	TXW	1	PASI-G
		EPA 6020	DS1	1	PASI-G
		EPA 8260	LAP	64	PASI-G
40188167002	MW-4	EPA 6010	TXW	1	PASI-G
		EPA 6020	DS1	1	PASI-G
		EPA 8260	LAP	64	PASI-G
40188167003	MW-5A	EPA 6010	TXW	1	PASI-G
		EPA 6020	DS1	1	PASI-G
		EPA 8260	LAP	64	PASI-G
40188167004	MW-5B	EPA 6010	TXW	1	PASI-G
		EPA 6020	DS1	1	PASI-G
		EPA 8260	LAP	64	PASI-G
40188167005	MW-6	EPA 6010	TXW	1	PASI-G
		EPA 6020	DS1	1	PASI-G
		EPA 8260	LAP	64	PASI-G
40188167006	MW-7	EPA 6010	TXW	1	PASI-G
		EPA 6020	DS1	1	PASI-G
		EPA 8260	LAP	64	PASI-G
40188167007	MW-8A	EPA 6010	TXW	1	PASI-G
		EPA 6020	DS1	1	PASI-G
		EPA 8260	LAP	64	PASI-G
40188167008	MW-8B	EPA 6010	TXW	1	PASI-G
		EPA 6020	DS1	1	PASI-G
		EPA 8260	LAP	64	PASI-G
40188167009	MW-9	EPA 6010	TXW	1	PASI-G
		EPA 6020	DS1	1	PASI-G
		EPA 8260	LAP	64	PASI-G
40188167010	MW-10A	EPA 6010	TXW	1	PASI-G
		EPA 6020	DS1	1	PASI-G
		EPA 8260	LAP	64	PASI-G
40188167011	MW-10B	EPA 6010	TXW	1	PASI-G
		EPA 6020	DS1	1	PASI-G
		EPA 8260	LAP	64	PASI-G
40188167012	MW-11A	EPA 6010	TXW	1	PASI-G
		EPA 6020	DS1	1	PASI-G
		EPA 8260	LAP	64	PASI-G
40188167013	MW-11B	EPA 6010	TXW	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: JULSON STORE

Pace Project No.: 40188167

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40188167014	PW	EPA 6020	DS1	1	PASI-G
		EPA 8260	LAP	64	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 6020	DS1	1	PASI-G
40188167015	TRIP BLANK	EPA 8260	LAP	64	PASI-G
		EPA 8260	SMT	64	PASI-G

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PROJECT NARRATIVE

Project: JULSON STORE
Pace Project No.: 40188167

Method: EPA 6010
Description: 6010 MET ICP, Dissolved
Client: Meridian Environmental Consulting, LLC
Date: August 09, 2019

General Information:

14 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: JULSON STORE
Pace Project No.: 40188167

Method: EPA 6020
Description: 6020 MET ICPMS
Client: Meridian Environmental Consulting, LLC
Date: August 09, 2019

General Information:

14 samples were analyzed for EPA 6020. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: JULSON STORE

Pace Project No.: 40188167

Method: EPA 8260

Description: 8260 MSV

Client: Meridian Environmental Consulting, LLC

Date: August 09, 2019

General Information:

15 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-1 **Lab ID: 40188167001** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 20:35	7439-92-1	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 05:27	7439-92-1	
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 14:03	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 14:03	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 14:03	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 14:03	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 14:03	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 14:03	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 14:03	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 14:03	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 14:03	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 14:03	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 14:03	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 14:03	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 14:03	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 14:03	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 14:03	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 14:03	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/28/19 14:03	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 14:03	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 14:03	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 14:03	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 14:03	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 14:03	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 14:03	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/28/19 14:03	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 14:03	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 14:03	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 14:03	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 14:03	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 14:03	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 14:03	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 14:03	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 14:03	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 14:03	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 14:03	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 14:03	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 14:03	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 14:03	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 14:03	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/28/19 14:03	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 14:03	87-68-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-1 Lab ID: 40188167001 Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/28/19 14:03	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 14:03	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 14:03	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 14:03	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 14:03	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 14:03	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/28/19 14:03	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 14:03	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 14:03	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 14:03	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 14:03	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 14:03	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/28/19 14:03	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 14:03	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 14:03	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 14:03	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 14:03	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 14:03	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 14:03	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 14:03	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 14:03	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		05/28/19 14:03	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		05/28/19 14:03	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		05/28/19 14:03	2037-26-5	

Sample: MW-4 Lab ID: 40188167002 Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 20:42	7439-92-1	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 05:54	7439-92-1	
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 14:28	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 14:28	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 14:28	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 14:28	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 14:28	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 14:28	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 14:28	563-58-6	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-4 **Lab ID: 40188167002** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 14:28	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 14:28	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 14:28	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 14:28	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 14:28	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 14:28	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 14:28	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 14:28	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 14:28	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/28/19 14:28	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 14:28	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 14:28	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 14:28	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 14:28	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 14:28	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 14:28	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/28/19 14:28	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 14:28	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 14:28	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 14:28	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 14:28	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 14:28	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 14:28	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 14:28	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 14:28	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 14:28	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 14:28	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 14:28	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 14:28	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 14:28	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 14:28	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/28/19 14:28	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 14:28	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/28/19 14:28	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 14:28	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 14:28	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 14:28	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 14:28	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 14:28	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/28/19 14:28	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 14:28	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 14:28	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 14:28	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 14:28	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 14:28	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/28/19 14:28	179601-23-1	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-4 **Lab ID: 40188167002** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 14:28	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 14:28	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 14:28	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 14:28	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 14:28	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 14:28	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 14:28	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 14:28	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		05/28/19 14:28	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		05/28/19 14:28	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		05/28/19 14:28	2037-26-5	

Sample: MW-5A **Lab ID: 40188167003** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved Analytical Method: EPA 6010									
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 20:45	7439-92-1	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 06:08	7439-92-1	
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 14:51	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 14:51	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 14:51	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 14:51	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 14:51	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 14:51	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 14:51	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 14:51	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 14:51	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 14:51	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 14:51	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 14:51	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 14:51	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 14:51	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 14:51	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 14:51	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/28/19 14:51	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 14:51	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 14:51	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 14:51	106-46-7	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-5A **Lab ID: 40188167003** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 14:51	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 14:51	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 14:51	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/28/19 14:51	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 14:51	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 14:51	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 14:51	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 14:51	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 14:51	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 14:51	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 14:51	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 14:51	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 14:51	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 14:51	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 14:51	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 14:51	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 14:51	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 14:51	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/28/19 14:51	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 14:51	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/28/19 14:51	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 14:51	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 14:51	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 14:51	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 14:51	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 14:51	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/28/19 14:51	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 14:51	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 14:51	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 14:51	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 14:51	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 14:51	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/28/19 14:51	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 14:51	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 14:51	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 14:51	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 14:51	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 14:51	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 14:51	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 14:51	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 14:51	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		05/28/19 14:51	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		05/28/19 14:51	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		05/28/19 14:51	2037-26-5	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-5B **Lab ID: 40188167004** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 20:47	7439-92-1	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 06:28	7439-92-1	
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 09:50	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 09:50	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 09:50	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 09:50	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 09:50	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 09:50	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 09:50	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 09:50	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 09:50	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 09:50	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 09:50	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 09:50	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 09:50	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 09:50	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 09:50	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 09:50	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/28/19 09:50	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 09:50	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 09:50	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 09:50	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 09:50	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 09:50	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 09:50	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/28/19 09:50	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 09:50	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 09:50	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 09:50	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 09:50	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 09:50	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 09:50	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 09:50	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 09:50	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 09:50	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 09:50	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 09:50	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 09:50	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 09:50	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 09:50	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/28/19 09:50	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 09:50	87-68-3	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-5B **Lab ID: 40188167004** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/28/19 09:50	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 09:50	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 09:50	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 09:50	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 09:50	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 09:50	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/28/19 09:50	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 09:50	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 09:50	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 09:50	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 09:50	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 09:50	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/28/19 09:50	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 09:50	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 09:50	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 09:50	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 09:50	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 09:50	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 09:50	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 09:50	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 09:50	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		05/28/19 09:50	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		05/28/19 09:50	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		05/28/19 09:50	2037-26-5	

Sample: MW-6 **Lab ID: 40188167005** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 20:55	7439-92-1	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 06:35	7439-92-1	
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 15:14	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 15:14	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 15:14	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 15:14	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 15:14	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 15:14	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 15:14	563-58-6	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-6 **Lab ID: 40188167005** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 15:14	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 15:14	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 15:14	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 15:14	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 15:14	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 15:14	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 15:14	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 15:14	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 15:14	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/28/19 15:14	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 15:14	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 15:14	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 15:14	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 15:14	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 15:14	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 15:14	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/28/19 15:14	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 15:14	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 15:14	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 15:14	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 15:14	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 15:14	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 15:14	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 15:14	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 15:14	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 15:14	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 15:14	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 15:14	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 15:14	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 15:14	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 15:14	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/28/19 15:14	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 15:14	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/28/19 15:14	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 15:14	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 15:14	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 15:14	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 15:14	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 15:14	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/28/19 15:14	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 15:14	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 15:14	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 15:14	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 15:14	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 15:14	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/28/19 15:14	179601-23-1	

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ANALYTICAL RESULTS

Project: JULSON STORE
Pace Project No.: 40188167

Sample: MW-6 **Lab ID: 40188167005** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 15:14	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 15:14	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 15:14	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 15:14	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 15:14	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 15:14	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 15:14	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 15:14	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		05/28/19 15:14	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		05/28/19 15:14	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		05/28/19 15:14	2037-26-5	

Sample: MW-7 **Lab ID: 40188167006** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved Analytical Method: EPA 6010									
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 20:58	7439-92-1	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 06:42	7439-92-1	
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 16:54	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 16:54	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 16:54	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 16:54	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 16:54	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 16:54	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 16:54	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 16:54	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 16:54	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 16:54	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 16:54	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 16:54	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 16:54	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 16:54	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 16:54	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 16:54	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/28/19 16:54	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 16:54	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 16:54	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 16:54	106-46-7	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-7 Lab ID: 40188167006 Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 16:54	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 16:54	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 16:54	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/28/19 16:54	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 16:54	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 16:54	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 16:54	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 16:54	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 16:54	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 16:54	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 16:54	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 16:54	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 16:54	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 16:54	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 16:54	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 16:54	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 16:54	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 16:54	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/28/19 16:54	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 16:54	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/28/19 16:54	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 16:54	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 16:54	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 16:54	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 16:54	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 16:54	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/28/19 16:54	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 16:54	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 16:54	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 16:54	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 16:54	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 16:54	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/28/19 16:54	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 16:54	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 16:54	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 16:54	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 16:54	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 16:54	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 16:54	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 16:54	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 16:54	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		05/28/19 16:54	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		05/28/19 16:54	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		05/28/19 16:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-8A Lab ID: 40188167007 Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 21:00	7439-92-1	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 06:49	7439-92-1	
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 10:59	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 10:59	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 10:59	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 10:59	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 10:59	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 10:59	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 10:59	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 10:59	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 10:59	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 10:59	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 10:59	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 10:59	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 10:59	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 10:59	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 10:59	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 10:59	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/28/19 10:59	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 10:59	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 10:59	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 10:59	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 10:59	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 10:59	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 10:59	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/28/19 10:59	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 10:59	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 10:59	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 10:59	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 10:59	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 10:59	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 10:59	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 10:59	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 10:59	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 10:59	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 10:59	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 10:59	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 10:59	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 10:59	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 10:59	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/28/19 10:59	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 10:59	87-68-3	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-8A Lab ID: 40188167007 Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/28/19 10:59	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 10:59	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 10:59	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 10:59	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 10:59	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 10:59	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/28/19 10:59	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 10:59	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 10:59	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 10:59	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 10:59	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 10:59	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/28/19 10:59	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 10:59	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 10:59	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 10:59	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 10:59	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 10:59	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 10:59	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 10:59	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 10:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		05/28/19 10:59	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		05/28/19 10:59	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		05/28/19 10:59	2037-26-5	

Sample: MW-8B Lab ID: 40188167008 Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved Analytical Method: EPA 6010									
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 21:03	7439-92-1	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 06:55	7439-92-1	
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 11:22	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 11:22	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 11:22	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 11:22	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 11:22	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 11:22	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 11:22	563-58-6	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: **MW-8B** Lab ID: **40188167008** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 11:22	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 11:22	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 11:22	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 11:22	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 11:22	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 11:22	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 11:22	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 11:22	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 11:22	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/28/19 11:22	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 11:22	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 11:22	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 11:22	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 11:22	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 11:22	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 11:22	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/28/19 11:22	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 11:22	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 11:22	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 11:22	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 11:22	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 11:22	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 11:22	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 11:22	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 11:22	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 11:22	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 11:22	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 11:22	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 11:22	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 11:22	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 11:22	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/28/19 11:22	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 11:22	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/28/19 11:22	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 11:22	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 11:22	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 11:22	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 11:22	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 11:22	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/28/19 11:22	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 11:22	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 11:22	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 11:22	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 11:22	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 11:22	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/28/19 11:22	179601-23-1	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-8B **Lab ID: 40188167008** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 11:22	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 11:22	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 11:22	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 11:22	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 11:22	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 11:22	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 11:22	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 11:22	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		05/28/19 11:22	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		05/28/19 11:22	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		05/28/19 11:22	2037-26-5	

Sample: MW-9 **Lab ID: 40188167009** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved Analytical Method: EPA 6010									
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 21:05	7439-92-1	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 07:02	7439-92-1	
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 13:40	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 13:40	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 13:40	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 13:40	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 13:40	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 13:40	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 13:40	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 13:40	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 13:40	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 13:40	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 13:40	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 13:40	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 13:40	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 13:40	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 13:40	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 13:40	78-87-5	
1,3,5-Trimethylbenzene	1.2J	ug/L	2.9	0.87	1		05/28/19 13:40	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 13:40	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 13:40	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 13:40	106-46-7	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-9 **Lab ID: 40188167009** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 13:40	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 13:40	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 13:40	106-43-4	
Benzene	5.1	ug/L	1.0	0.25	1		05/28/19 13:40	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 13:40	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 13:40	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 13:40	75-71-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 13:40	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 13:40	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 13:40	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 13:40	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 13:40	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 13:40	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 13:40	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 13:40	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 13:40	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 13:40	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 13:40	108-20-3	
Ethylbenzene	2.2	ug/L	1.0	0.22	1		05/28/19 13:40	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 13:40	87-68-3	
Isopropylbenzene (Cumene)	0.74J	ug/L	5.0	0.39	1		05/28/19 13:40	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 13:40	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 13:40	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 13:40	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 13:40	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 13:40	127-18-4	
Toluene	3.4J	ug/L	5.0	0.17	1		05/28/19 13:40	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 13:40	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 13:40	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 13:40	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 13:40	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 13:40	10061-01-5	
m&p-Xylene	3.1	ug/L	2.0	0.47	1		05/28/19 13:40	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 13:40	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 13:40	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 13:40	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 13:40	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 13:40	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 13:40	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 13:40	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 13:40	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		05/28/19 13:40	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		05/28/19 13:40	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		05/28/19 13:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-10A **Lab ID: 40188167010** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 21:08	7439-92-1	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 07:09	7439-92-1	
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 12:54	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 12:54	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 12:54	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 12:54	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 12:54	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 12:54	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 12:54	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 12:54	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 12:54	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 12:54	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 12:54	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 12:54	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 12:54	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 12:54	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 12:54	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 12:54	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/28/19 12:54	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 12:54	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 12:54	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 12:54	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 12:54	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 12:54	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 12:54	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/28/19 12:54	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 12:54	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 12:54	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 12:54	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 12:54	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 12:54	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 12:54	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 12:54	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 12:54	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 12:54	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 12:54	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 12:54	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 12:54	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 12:54	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 12:54	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/28/19 12:54	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 12:54	87-68-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-10A **Lab ID: 40188167010** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/28/19 12:54	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 12:54	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 12:54	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 12:54	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 12:54	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 12:54	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/28/19 12:54	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 12:54	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 12:54	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 12:54	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 12:54	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 12:54	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/28/19 12:54	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 12:54	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 12:54	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 12:54	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 12:54	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 12:54	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 12:54	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 12:54	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 12:54	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		05/28/19 12:54	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		05/28/19 12:54	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		05/28/19 12:54	2037-26-5	

Sample: MW-10B **Lab ID: 40188167011** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 21:10	7439-92-1	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 07:16	7439-92-1	
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 12:31	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 12:31	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 12:31	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 12:31	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 12:31	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 12:31	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 12:31	563-58-6	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-10B Lab ID: 40188167011 Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 12:31	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 12:31	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 12:31	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 12:31	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 12:31	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 12:31	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 12:31	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 12:31	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 12:31	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/28/19 12:31	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 12:31	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 12:31	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 12:31	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 12:31	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 12:31	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 12:31	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/28/19 12:31	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 12:31	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 12:31	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 12:31	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 12:31	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 12:31	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 12:31	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 12:31	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 12:31	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 12:31	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 12:31	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 12:31	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 12:31	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 12:31	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 12:31	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/28/19 12:31	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 12:31	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/28/19 12:31	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 12:31	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 12:31	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 12:31	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 12:31	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 12:31	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/28/19 12:31	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 12:31	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 12:31	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 12:31	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 12:31	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 12:31	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/28/19 12:31	179601-23-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: JULSON STORE
Pace Project No.: 40188167

Sample: MW-10B **Lab ID: 40188167011** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 12:31	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 12:31	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 12:31	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 12:31	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 12:31	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 12:31	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 12:31	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 12:31	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		05/28/19 12:31	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		05/28/19 12:31	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		05/28/19 12:31	2037-26-5	

Sample: MW-11A **Lab ID: 40188167012** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved Analytical Method: EPA 6010									
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 21:13	7439-92-1	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 07:23	7439-92-1	
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 11:45	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 11:45	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 11:45	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 11:45	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 11:45	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 11:45	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 11:45	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 11:45	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 11:45	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 11:45	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 11:45	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 11:45	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 11:45	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 11:45	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 11:45	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 11:45	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/28/19 11:45	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 11:45	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 11:45	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 11:45	106-46-7	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-11A **Lab ID: 40188167012** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 11:45	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 11:45	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 11:45	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/28/19 11:45	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 11:45	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 11:45	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 11:45	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 11:45	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 11:45	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 11:45	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 11:45	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 11:45	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 11:45	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 11:45	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 11:45	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 11:45	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 11:45	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 11:45	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/28/19 11:45	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 11:45	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/28/19 11:45	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 11:45	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 11:45	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 11:45	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 11:45	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 11:45	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/28/19 11:45	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 11:45	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 11:45	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 11:45	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 11:45	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 11:45	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/28/19 11:45	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 11:45	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 11:45	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 11:45	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 11:45	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 11:45	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 11:45	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 11:45	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 11:45	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		05/28/19 11:45	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		05/28/19 11:45	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		05/28/19 11:45	2037-26-5	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-11B **Lab ID: 40188167013** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 21:15	7439-92-1	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 07:29	7439-92-1	
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 12:08	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 12:08	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 12:08	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 12:08	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 12:08	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 12:08	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 12:08	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 12:08	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 12:08	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 12:08	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 12:08	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 12:08	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 12:08	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 12:08	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 12:08	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 12:08	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/28/19 12:08	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 12:08	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 12:08	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 12:08	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 12:08	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 12:08	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 12:08	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/28/19 12:08	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 12:08	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 12:08	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 12:08	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 12:08	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 12:08	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 12:08	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 12:08	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 12:08	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 12:08	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 12:08	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 12:08	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 12:08	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 12:08	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 12:08	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/28/19 12:08	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 12:08	87-68-3	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: MW-11B **Lab ID: 40188167013** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/28/19 12:08	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 12:08	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 12:08	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 12:08	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 12:08	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 12:08	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/28/19 12:08	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 12:08	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 12:08	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 12:08	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 12:08	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 12:08	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/28/19 12:08	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 12:08	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 12:08	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 12:08	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 12:08	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 12:08	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 12:08	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 12:08	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 12:08	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		05/28/19 12:08	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		05/28/19 12:08	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		05/28/19 12:08	2037-26-5	

Sample: PW **Lab ID: 40188167014** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved Analytical Method: EPA 6010									
Lead, Dissolved	<6.4	ug/L	21.4	6.4	1		05/24/19 21:18	7439-92-1	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Lead	<0.24	ug/L	1.0	0.24	1	08/05/19 09:10	08/08/19 07:50	7439-92-1	
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 13:17	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/28/19 13:17	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 13:17	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/28/19 13:17	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/28/19 13:17	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/28/19 13:17	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/28/19 13:17	563-58-6	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: PW **Lab ID: 40188167014** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/28/19 13:17	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/28/19 13:17	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/28/19 13:17	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/28/19 13:17	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/28/19 13:17	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/28/19 13:17	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 13:17	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/28/19 13:17	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/28/19 13:17	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/28/19 13:17	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/28/19 13:17	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/28/19 13:17	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/28/19 13:17	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/28/19 13:17	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/28/19 13:17	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/28/19 13:17	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/28/19 13:17	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/28/19 13:17	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/28/19 13:17	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/28/19 13:17	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/28/19 13:17	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/28/19 13:17	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/28/19 13:17	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 13:17	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/28/19 13:17	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/28/19 13:17	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/28/19 13:17	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/28/19 13:17	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/28/19 13:17	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/28/19 13:17	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/28/19 13:17	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/28/19 13:17	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/28/19 13:17	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/28/19 13:17	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/28/19 13:17	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/28/19 13:17	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/28/19 13:17	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/28/19 13:17	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/28/19 13:17	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/28/19 13:17	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/28/19 13:17	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/28/19 13:17	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/28/19 13:17	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/28/19 13:17	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/28/19 13:17	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/28/19 13:17	179601-23-1	

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ANALYTICAL RESULTS

Project: JULSON STORE
Pace Project No.: 40188167

Sample: PW **Lab ID: 40188167014** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/28/19 13:17	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/28/19 13:17	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/28/19 13:17	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/28/19 13:17	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/28/19 13:17	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/28/19 13:17	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/28/19 13:17	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/28/19 13:17	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		05/28/19 13:17	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		05/28/19 13:17	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		05/28/19 13:17	2037-26-5	

Sample: TRIP BLANK **Lab ID: 40188167015** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/29/19 17:17	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/29/19 17:17	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/29/19 17:17	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/29/19 17:17	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/29/19 17:17	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/29/19 17:17	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/29/19 17:17	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/29/19 17:17	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/29/19 17:17	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/29/19 17:17	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/29/19 17:17	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/29/19 17:17	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/29/19 17:17	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/29/19 17:17	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/29/19 17:17	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/29/19 17:17	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/29/19 17:17	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/29/19 17:17	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/29/19 17:17	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/29/19 17:17	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/29/19 17:17	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/29/19 17:17	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/29/19 17:17	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/29/19 17:17	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/29/19 17:17	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/29/19 17:17	74-97-5	

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ANALYTICAL RESULTS

Project: JULSON STORE

Pace Project No.: 40188167

Sample: TRIP BLANK **Lab ID: 40188167015** Collected: 05/22/19 00:00 Received: 05/23/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/29/19 17:17	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/29/19 17:17	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/29/19 17:17	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/29/19 17:17	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/29/19 17:17	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/29/19 17:17	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/29/19 17:17	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/29/19 17:17	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/29/19 17:17	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/29/19 17:17	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/29/19 17:17	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/29/19 17:17	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/29/19 17:17	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/29/19 17:17	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/29/19 17:17	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/29/19 17:17	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/29/19 17:17	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/29/19 17:17	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/29/19 17:17	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/29/19 17:17	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/29/19 17:17	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/29/19 17:17	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/29/19 17:17	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/29/19 17:17	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/29/19 17:17	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/29/19 17:17	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/29/19 17:17	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/29/19 17:17	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/29/19 17:17	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/29/19 17:17	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/29/19 17:17	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/29/19 17:17	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/29/19 17:17	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/29/19 17:17	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/29/19 17:17	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		05/29/19 17:17	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		1		05/29/19 17:17	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		05/29/19 17:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: JULSON STORE

Pace Project No.: 40188167

QC Batch: 322410 Analysis Method: EPA 6010
 QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved
 Associated Lab Samples: 40188167001, 40188167002, 40188167003, 40188167004, 40188167005, 40188167006, 40188167007, 40188167008, 40188167009, 40188167010, 40188167011, 40188167012, 40188167013, 40188167014

METHOD BLANK: 1872427 Matrix: Water
 Associated Lab Samples: 40188167001, 40188167002, 40188167003, 40188167004, 40188167005, 40188167006, 40188167007, 40188167008, 40188167009, 40188167010, 40188167011, 40188167012, 40188167013, 40188167014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead, Dissolved	ug/L	<6.4	21.4	05/24/19 20:30	

LABORATORY CONTROL SAMPLE: 1872428

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead, Dissolved	ug/L	500	470	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1872429 1872430

Parameter	Units	40188167001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead, Dissolved	ug/L	<6.4	500	500	482	482	96	96	75-125	0	20	

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QUALITY CONTROL DATA

Project: JULSON STORE

Pace Project No.: 40188167

QC Batch: 322353 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Associated Lab Samples: 40188167001, 40188167002, 40188167003, 40188167004, 40188167005, 40188167006, 40188167007, 40188167008, 40188167009, 40188167010, 40188167011, 40188167012, 40188167013, 40188167014

METHOD BLANK: 1872070 Matrix: Water
 Associated Lab Samples: 40188167001, 40188167002, 40188167003, 40188167004, 40188167005, 40188167006, 40188167007, 40188167008, 40188167009, 40188167010, 40188167011, 40188167012, 40188167013, 40188167014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	05/28/19 06:01	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	05/28/19 06:01	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	05/28/19 06:01	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	05/28/19 06:01	
1,1-Dichloroethane	ug/L	<0.27	1.0	05/28/19 06:01	
1,1-Dichloroethene	ug/L	<0.24	1.0	05/28/19 06:01	
1,1-Dichloropropene	ug/L	<0.54	1.8	05/28/19 06:01	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	05/28/19 06:01	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	05/28/19 06:01	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	05/28/19 06:01	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	05/28/19 06:01	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	05/28/19 06:01	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	05/28/19 06:01	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	05/28/19 06:01	
1,2-Dichloroethane	ug/L	<0.28	1.0	05/28/19 06:01	
1,2-Dichloropropane	ug/L	<0.28	1.0	05/28/19 06:01	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	05/28/19 06:01	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	05/28/19 06:01	
1,3-Dichloropropane	ug/L	<0.83	2.8	05/28/19 06:01	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	05/28/19 06:01	
2,2-Dichloropropane	ug/L	<2.3	7.6	05/28/19 06:01	
2-Chlorotoluene	ug/L	<0.93	5.0	05/28/19 06:01	
4-Chlorotoluene	ug/L	<0.76	2.5	05/28/19 06:01	
Benzene	ug/L	<0.25	1.0	05/28/19 06:01	
Bromobenzene	ug/L	<0.24	1.0	05/28/19 06:01	
Bromochloromethane	ug/L	<0.36	5.0	05/28/19 06:01	
Bromodichloromethane	ug/L	<0.36	1.2	05/28/19 06:01	
Bromoform	ug/L	<4.0	13.2	05/28/19 06:01	
Bromomethane	ug/L	<0.97	5.0	05/28/19 06:01	
Carbon tetrachloride	ug/L	<0.17	1.0	05/28/19 06:01	
Chlorobenzene	ug/L	<0.71	2.4	05/28/19 06:01	
Chloroethane	ug/L	<1.3	5.0	05/28/19 06:01	
Chloroform	ug/L	<1.3	5.0	05/28/19 06:01	
Chloromethane	ug/L	<2.2	7.3	05/28/19 06:01	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	05/28/19 06:01	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	05/28/19 06:01	
Dibromochloromethane	ug/L	<2.6	8.7	05/28/19 06:01	
Dibromomethane	ug/L	<0.94	3.1	05/28/19 06:01	
Dichlorodifluoromethane	ug/L	<0.50	5.0	05/28/19 06:01	
Diisopropyl ether	ug/L	<1.9	6.3	05/28/19 06:01	

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QUALITY CONTROL DATA

Project: JULSON STORE

Pace Project No.: 40188167

METHOD BLANK: 1872070

Matrix: Water

Associated Lab Samples: 40188167001, 40188167002, 40188167003, 40188167004, 40188167005, 40188167006, 40188167007, 40188167008, 40188167009, 40188167010, 40188167011, 40188167012, 40188167013, 40188167014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.22	1.0	05/28/19 06:01	
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	05/28/19 06:01	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	05/28/19 06:01	
m&p-Xylene	ug/L	<0.47	2.0	05/28/19 06:01	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	05/28/19 06:01	
Methylene Chloride	ug/L	<0.58	5.0	05/28/19 06:01	
n-Butylbenzene	ug/L	<0.71	2.4	05/28/19 06:01	
n-Propylbenzene	ug/L	<0.81	5.0	05/28/19 06:01	
Naphthalene	ug/L	<1.2	5.0	05/28/19 06:01	
o-Xylene	ug/L	<0.26	1.0	05/28/19 06:01	
p-Isopropyltoluene	ug/L	<0.80	2.7	05/28/19 06:01	
sec-Butylbenzene	ug/L	<0.85	5.0	05/28/19 06:01	
Styrene	ug/L	<0.47	1.6	05/28/19 06:01	
tert-Butylbenzene	ug/L	<0.30	1.0	05/28/19 06:01	
Tetrachloroethene	ug/L	<0.33	1.1	05/28/19 06:01	
Toluene	ug/L	<0.17	5.0	05/28/19 06:01	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	05/28/19 06:01	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	05/28/19 06:01	
Trichloroethene	ug/L	<0.26	1.0	05/28/19 06:01	
Trichlorofluoromethane	ug/L	<0.21	1.0	05/28/19 06:01	
Vinyl chloride	ug/L	<0.17	1.0	05/28/19 06:01	
4-Bromofluorobenzene (S)	%	92	70-130	05/28/19 06:01	
Dibromofluoromethane (S)	%	97	70-130	05/28/19 06:01	
Toluene-d8 (S)	%	98	70-130	05/28/19 06:01	

LABORATORY CONTROL SAMPLE: 1872071

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.1	104	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.9	106	70-130	
1,1,2-Trichloroethane	ug/L	50	51.3	103	70-130	
1,1-Dichloroethane	ug/L	50	50.3	101	73-150	
1,1-Dichloroethene	ug/L	50	49.8	100	73-138	
1,2,4-Trichlorobenzene	ug/L	50	47.5	95	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.7	91	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	50.2	100	70-130	
1,2-Dichlorobenzene	ug/L	50	50.2	100	70-130	
1,2-Dichloroethane	ug/L	50	53.0	106	75-140	
1,2-Dichloropropane	ug/L	50	57.0	114	73-135	
1,3-Dichlorobenzene	ug/L	50	50.2	100	70-130	
1,4-Dichlorobenzene	ug/L	50	51.9	104	70-130	
Benzene	ug/L	50	52.2	104	70-130	
Bromodichloromethane	ug/L	50	53.1	106	70-130	

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QUALITY CONTROL DATA

Project: JULSON STORE

Pace Project No.: 40188167

LABORATORY CONTROL SAMPLE: 1872071

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	54.1	108	68-129	
Bromomethane	ug/L	50	34.0	68	18-159	
Carbon tetrachloride	ug/L	50	48.8	98	70-130	
Chlorobenzene	ug/L	50	52.3	105	70-130	
Chloroethane	ug/L	50	46.4	93	53-147	
Chloroform	ug/L	50	51.9	104	74-136	
Chloromethane	ug/L	50	37.0	74	29-115	
cis-1,2-Dichloroethene	ug/L	50	50.6	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.2	102	70-130	
Dibromochloromethane	ug/L	50	50.7	101	70-130	
Dichlorodifluoromethane	ug/L	50	37.5	75	10-130	
Ethylbenzene	ug/L	50	53.5	107	80-124	
Isopropylbenzene (Cumene)	ug/L	50	51.8	104	70-130	
m&p-Xylene	ug/L	100	110	110	70-130	
Methyl-tert-butyl ether	ug/L	50	51.6	103	54-137	
Methylene Chloride	ug/L	50	51.1	102	73-138	
o-Xylene	ug/L	50	51.3	103	70-130	
Styrene	ug/L	50	53.6	107	70-130	
Tetrachloroethene	ug/L	50	53.0	106	70-130	
Toluene	ug/L	50	51.9	104	80-126	
trans-1,2-Dichloroethene	ug/L	50	50.1	100	73-145	
trans-1,3-Dichloropropene	ug/L	50	48.1	96	70-130	
Trichloroethene	ug/L	50	54.5	109	70-130	
Trichlorofluoromethane	ug/L	50	51.2	102	76-147	
Vinyl chloride	ug/L	50	43.1	86	51-120	
4-Bromofluorobenzene (S)	%			97	70-130	
Dibromofluoromethane (S)	%			98	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1873574 1873575

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40188167004 Result	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/L	<0.24	50	50	50.0	47.6	100	95	70-130	5	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	51.1	51.9	102	104	70-130	2	20		
1,1,2-Trichloroethane	ug/L	<0.55	50	50	49.2	50.6	98	101	70-137	3	20		
1,1-Dichloroethane	ug/L	<0.27	50	50	48.4	48.5	97	97	73-153	0	20		
1,1-Dichloroethene	ug/L	<0.24	50	50	45.1	46.9	90	94	73-138	4	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	42.5	42.4	85	84	70-130	0	20		
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	47.8	47.0	96	94	58-129	2	20		
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	47.6	48.4	95	97	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<0.71	50	50	47.5	46.8	95	94	70-130	2	20		
1,2-Dichloroethane	ug/L	<0.28	50	50	51.1	51.4	102	103	75-140	1	20		
1,2-Dichloropropane	ug/L	<0.28	50	50	52.3	52.8	105	106	71-138	1	20		

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QUALITY CONTROL DATA

Project: JULSON STORE

Pace Project No.: 40188167

Parameter	Units	1873574		1873575		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40188167004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,3-Dichlorobenzene	ug/L	<0.63	50	50	46.4	46.0	93	92	70-130	1	20		
1,4-Dichlorobenzene	ug/L	<0.94	50	50	48.0	46.8	96	94	70-130	3	20		
Benzene	ug/L	<0.25	50	50	48.6	49.1	97	98	70-130	1	20		
Bromodichloromethane	ug/L	<0.36	50	50	48.8	49.6	98	99	70-130	2	20		
Bromoform	ug/L	<4.0	50	50	49.0	51.3	98	103	68-129	5	20		
Bromomethane	ug/L	<0.97	50	50	32.5	37.2	65	74	15-170	14	20		
Carbon tetrachloride	ug/L	<0.17	50	50	47.0	44.9	94	90	70-130	5	20		
Chlorobenzene	ug/L	<0.71	50	50	47.7	49.2	95	98	70-130	3	20		
Chloroethane	ug/L	<1.3	50	50	43.3	43.2	87	86	51-148	0	20		
Chloroform	ug/L	<1.3	50	50	50.3	49.2	101	98	74-136	2	20		
Chloromethane	ug/L	<2.2	50	50	32.1	31.7	64	63	23-115	1	20		
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	47.1	45.7	94	91	70-131	3	20		
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	45.6	46.6	91	93	70-130	2	20		
Dibromochloromethane	ug/L	<2.6	50	50	47.7	48.4	95	97	70-130	1	20		
Dichlorodifluoromethane	ug/L	<0.50	50	50	24.0	24.6	48	49	10-132	2	20		
Ethylbenzene	ug/L	<0.22	50	50	47.4	49.6	95	99	80-125	5	20		
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	46.6	47.8	93	96	70-130	2	20		
m&p-Xylene	ug/L	<0.47	100	100	100	100	100	100	70-130	0	20		
Methyl-tert-butyl ether	ug/L	<1.2	50	50	50.5	46.7	101	93	51-145	8	20		
Methylene Chloride	ug/L	<0.58	50	50	48.0	48.4	96	97	73-140	1	20		
o-Xylene	ug/L	<0.26	50	50	48.2	48.1	96	96	70-130	0	20		
Styrene	ug/L	<0.47	50	50	48.7	50.4	97	101	70-130	3	20		
Tetrachloroethene	ug/L	<0.33	50	50	47.9	47.0	96	94	70-130	2	20		
Toluene	ug/L	<0.17	50	50	47.6	49.1	95	98	80-131	3	20		
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	47.1	44.4	94	89	73-148	6	20		
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	43.2	44.0	86	88	70-130	2	20		
Trichloroethene	ug/L	<0.26	50	50	47.9	51.0	96	102	70-130	6	20		
Trichlorofluoromethane	ug/L	<0.21	50	50	46.4	45.6	93	91	74-147	2	20		
Vinyl chloride	ug/L	<0.17	50	50	36.8	37.8	74	76	41-129	3	20		
4-Bromofluorobenzene (S)	%						93	96	70-130				
Dibromofluoromethane (S)	%						101	99	70-130				
Toluene-d8 (S)	%						97	96	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: JULSON STORE
Pace Project No.: 40188167

QC Batch: 322433 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40188167015

METHOD BLANK: 1873372 Matrix: Water
Associated Lab Samples: 40188167015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	05/29/19 08:14	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	05/29/19 08:14	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	05/29/19 08:14	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	05/29/19 08:14	
1,1-Dichloroethane	ug/L	<0.27	1.0	05/29/19 08:14	
1,1-Dichloroethene	ug/L	<0.24	1.0	05/29/19 08:14	
1,1-Dichloropropene	ug/L	<0.54	1.8	05/29/19 08:14	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	05/29/19 08:14	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	05/29/19 08:14	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	05/29/19 08:14	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	05/29/19 08:14	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	05/29/19 08:14	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	05/29/19 08:14	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	05/29/19 08:14	
1,2-Dichloroethane	ug/L	<0.28	1.0	05/29/19 08:14	
1,2-Dichloropropane	ug/L	<0.28	1.0	05/29/19 08:14	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	05/29/19 08:14	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	05/29/19 08:14	
1,3-Dichloropropane	ug/L	<0.83	2.8	05/29/19 08:14	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	05/29/19 08:14	
2,2-Dichloropropane	ug/L	<2.3	7.6	05/29/19 08:14	
2-Chlorotoluene	ug/L	<0.93	5.0	05/29/19 08:14	
4-Chlorotoluene	ug/L	<0.76	2.5	05/29/19 08:14	
Benzene	ug/L	<0.25	1.0	05/29/19 08:14	
Bromobenzene	ug/L	<0.24	1.0	05/29/19 08:14	
Bromochloromethane	ug/L	<0.36	5.0	05/29/19 08:14	
Bromodichloromethane	ug/L	<0.36	1.2	05/29/19 08:14	
Bromoform	ug/L	<4.0	13.2	05/29/19 08:14	
Bromomethane	ug/L	<0.97	5.0	05/29/19 08:14	
Carbon tetrachloride	ug/L	<0.17	1.0	05/29/19 08:14	
Chlorobenzene	ug/L	<0.71	2.4	05/29/19 08:14	
Chloroethane	ug/L	<1.3	5.0	05/29/19 08:14	
Chloroform	ug/L	<1.3	5.0	05/29/19 08:14	
Chloromethane	ug/L	<2.2	7.3	05/29/19 08:14	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	05/29/19 08:14	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	05/29/19 08:14	
Dibromochloromethane	ug/L	<2.6	8.7	05/29/19 08:14	
Dibromomethane	ug/L	<0.94	3.1	05/29/19 08:14	
Dichlorodifluoromethane	ug/L	<0.50	5.0	05/29/19 08:14	
Diisopropyl ether	ug/L	<1.9	6.3	05/29/19 08:14	
Ethylbenzene	ug/L	<0.22	1.0	05/29/19 08:14	

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QUALITY CONTROL DATA

Project: JULSON STORE

Pace Project No.: 40188167

METHOD BLANK: 1873372

Matrix: Water

Associated Lab Samples: 40188167015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	05/29/19 08:14	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	05/29/19 08:14	
m&p-Xylene	ug/L	<0.47	2.0	05/29/19 08:14	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	05/29/19 08:14	
Methylene Chloride	ug/L	<0.58	5.0	05/29/19 08:14	
n-Butylbenzene	ug/L	<0.71	2.4	05/29/19 08:14	
n-Propylbenzene	ug/L	<0.81	5.0	05/29/19 08:14	
Naphthalene	ug/L	<1.2	5.0	05/29/19 08:14	
o-Xylene	ug/L	<0.26	1.0	05/29/19 08:14	
p-Isopropyltoluene	ug/L	<0.80	2.7	05/29/19 08:14	
sec-Butylbenzene	ug/L	<0.85	5.0	05/29/19 08:14	
Styrene	ug/L	<0.47	1.6	05/29/19 08:14	
tert-Butylbenzene	ug/L	<0.30	1.0	05/29/19 08:14	
Tetrachloroethene	ug/L	<0.33	1.1	05/29/19 08:14	
Toluene	ug/L	<0.17	5.0	05/29/19 08:14	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	05/29/19 08:14	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	05/29/19 08:14	
Trichloroethene	ug/L	<0.26	1.0	05/29/19 08:14	
Trichlorofluoromethane	ug/L	<0.21	1.0	05/29/19 08:14	
Vinyl chloride	ug/L	<0.17	1.0	05/29/19 08:14	
4-Bromofluorobenzene (S)	%	93	70-130	05/29/19 08:14	
Dibromofluoromethane (S)	%	99	70-130	05/29/19 08:14	
Toluene-d8 (S)	%	101	70-130	05/29/19 08:14	

LABORATORY CONTROL SAMPLE: 1873373

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	46.8	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.9	100	70-130	
1,1,2-Trichloroethane	ug/L	50	49.8	100	70-130	
1,1-Dichloroethane	ug/L	50	56.4	113	73-150	
1,1-Dichloroethene	ug/L	50	50.6	101	73-138	
1,2,4-Trichlorobenzene	ug/L	50	48.2	96	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.7	85	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	49.2	98	70-130	
1,2-Dichlorobenzene	ug/L	50	49.6	99	70-130	
1,2-Dichloroethane	ug/L	50	46.3	93	75-140	
1,2-Dichloropropane	ug/L	50	49.3	99	73-135	
1,3-Dichlorobenzene	ug/L	50	50.6	101	70-130	
1,4-Dichlorobenzene	ug/L	50	49.2	98	70-130	
Benzene	ug/L	50	48.8	98	70-130	
Bromodichloromethane	ug/L	50	48.8	98	70-130	
Bromoform	ug/L	50	43.7	87	68-129	
Bromomethane	ug/L	50	47.5	95	18-159	

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QUALITY CONTROL DATA

Project: JULSON STORE

Pace Project No.: 40188167

LABORATORY CONTROL SAMPLE: 1873373

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	50.2	100	70-130	
Chlorobenzene	ug/L	50	50.4	101	70-130	
Chloroethane	ug/L	50	47.5	95	53-147	
Chloroform	ug/L	50	46.6	93	74-136	
Chloromethane	ug/L	50	42.1	84	29-115	
cis-1,2-Dichloroethene	ug/L	50	43.6	87	70-130	
cis-1,3-Dichloropropene	ug/L	50	43.0	86	70-130	
Dibromochloromethane	ug/L	50	45.2	90	70-130	
Dichlorodifluoromethane	ug/L	50	41.6	83	10-130	
Ethylbenzene	ug/L	50	52.2	104	80-124	
Isopropylbenzene (Cumene)	ug/L	50	52.8	106	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	46.4	93	54-137	
Methylene Chloride	ug/L	50	49.0	98	73-138	
o-Xylene	ug/L	50	51.6	103	70-130	
Styrene	ug/L	50	51.7	103	70-130	
Tetrachloroethene	ug/L	50	51.1	102	70-130	
Toluene	ug/L	50	49.9	100	80-126	
trans-1,2-Dichloroethene	ug/L	50	48.6	97	73-145	
trans-1,3-Dichloropropene	ug/L	50	43.0	86	70-130	
Trichloroethene	ug/L	50	51.6	103	70-130	
Trichlorofluoromethane	ug/L	50	49.3	99	76-147	
Vinyl chloride	ug/L	50	45.8	92	51-120	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			93	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1873374 1873375

Parameter	Units	40188354009		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	Result	MSD Result	% Rec	% Rec					
1,1,1-Trichloroethane	ug/L	<0.24	50	50	49.8	49.6	100	99	70-130	0	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	50.7	50.8	101	102	70-130	0	20		
1,1,2-Trichloroethane	ug/L	<0.55	50	50	51.4	50.4	103	101	70-137	2	20		
1,1-Dichloroethane	ug/L	<0.27	50	50	54.4	54.3	109	109	73-153	0	20		
1,1-Dichloroethene	ug/L	<0.24	50	50	52.4	51.7	105	103	73-138	1	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	50.5	50.7	101	101	70-130	1	20		
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	45.9	44.6	92	89	58-129	3	20		
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	49.2	51.3	98	103	70-130	4	20		
1,2-Dichlorobenzene	ug/L	<0.71	50	50	50.7	50.9	101	102	70-130	0	20		
1,2-Dichloroethane	ug/L	<0.28	50	50	47.5	48.0	95	96	75-140	1	20		
1,2-Dichloropropane	ug/L	<0.28	50	50	50.2	51.5	100	103	71-138	3	20		
1,3-Dichlorobenzene	ug/L	<0.63	50	50	50.5	50.9	101	102	70-130	1	20		
1,4-Dichlorobenzene	ug/L	<0.94	50	50	50.1	50.2	100	100	70-130	0	20		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: JULSON STORE

Pace Project No.: 40188167

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1873374 1873375												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40188354009 Result	Spike Conc.	Spike Conc.	MS Result							
Benzene	ug/L	<0.25	50	50	48.8	50.2	98	100	70-130	3	20	
Bromodichloromethane	ug/L	<0.36	50	50	48.8	50.5	98	101	70-130	3	20	
Bromoform	ug/L	<4.0	50	50	44.8	45.9	90	92	68-129	2	20	
Bromomethane	ug/L	<0.97	50	50	44.6	47.0	89	94	15-170	5	20	
Carbon tetrachloride	ug/L	<0.17	50	50	51.3	51.9	103	104	70-130	1	20	
Chlorobenzene	ug/L	<0.71	50	50	51.0	50.8	102	102	70-130	0	20	
Chloroethane	ug/L	<1.3	50	50	52.5	51.9	105	104	51-148	1	20	
Chloroform	ug/L	<1.3	50	50	49.1	47.8	98	96	74-136	3	20	
Chloromethane	ug/L	<2.2	50	50	41.9	41.7	84	83	23-115	0	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	49.3	45.5	99	91	70-131	8	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	44.3	44.6	89	89	70-130	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	45.3	46.3	91	93	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	41.4	43.0	83	86	10-132	4	20	
Ethylbenzene	ug/L	<0.22	50	50	52.6	52.7	105	105	80-125	0	20	
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	53.9	53.9	108	108	70-130	0	20	
m&p-Xylene	ug/L	<0.47	100	100	106	104	106	104	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	49.0	49.8	98	100	51-145	2	20	
Methylene Chloride	ug/L	<0.58	50	50	51.1	50.4	102	101	73-140	1	20	
o-Xylene	ug/L	<0.26	50	50	51.7	52.3	103	105	70-130	1	20	
Styrene	ug/L	<0.47	50	50	53.5	51.8	107	104	70-130	3	20	
Tetrachloroethene	ug/L	<0.33	50	50	50.0	52.2	100	104	70-130	4	20	
Toluene	ug/L	<0.17	50	50	51.5	51.2	103	102	80-131	1	20	
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	51.1	50.7	102	101	73-148	1	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	43.5	43.6	87	87	70-130	0	20	
Trichloroethene	ug/L	<0.26	50	50	53.0	53.4	106	106	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	50.5	50.2	101	100	74-147	1	20	
Vinyl chloride	ug/L	<0.17	50	50	46.7	46.1	93	92	41-129	1	20	
4-Bromofluorobenzene (S)	%						99	101	70-130			
Dibromofluoromethane (S)	%						95	96	70-130			
Toluene-d8 (S)	%						98	98	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: JULSON STORE

Pace Project No.: 40188167

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: JULSON STORE

Pace Project No.: 40188167

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40188167001	MW-1	EPA 6010	322410		
40188167002	MW-4	EPA 6010	322410		
40188167003	MW-5A	EPA 6010	322410		
40188167004	MW-5B	EPA 6010	322410		
40188167005	MW-6	EPA 6010	322410		
40188167006	MW-7	EPA 6010	322410		
40188167007	MW-8A	EPA 6010	322410		
40188167008	MW-8B	EPA 6010	322410		
40188167009	MW-9	EPA 6010	322410		
40188167010	MW-10A	EPA 6010	322410		
40188167011	MW-10B	EPA 6010	322410		
40188167012	MW-11A	EPA 6010	322410		
40188167013	MW-11B	EPA 6010	322410		
40188167014	PW	EPA 6010	322410		
40188167001	MW-1	EPA 3010	329591	EPA 6020	329684
40188167002	MW-4	EPA 3010	329591	EPA 6020	329684
40188167003	MW-5A	EPA 3010	329591	EPA 6020	329684
40188167004	MW-5B	EPA 3010	329591	EPA 6020	329684
40188167005	MW-6	EPA 3010	329591	EPA 6020	329684
40188167006	MW-7	EPA 3010	329591	EPA 6020	329684
40188167007	MW-8A	EPA 3010	329591	EPA 6020	329684
40188167008	MW-8B	EPA 3010	329591	EPA 6020	329684
40188167009	MW-9	EPA 3010	329591	EPA 6020	329684
40188167010	MW-10A	EPA 3010	329591	EPA 6020	329684
40188167011	MW-10B	EPA 3010	329591	EPA 6020	329684
40188167012	MW-11A	EPA 3010	329591	EPA 6020	329684
40188167013	MW-11B	EPA 3010	329591	EPA 6020	329684
40188167014	PW	EPA 3010	329591	EPA 6020	329684
40188167001	MW-1	EPA 8260	322353		
40188167002	MW-4	EPA 8260	322353		
40188167003	MW-5A	EPA 8260	322353		
40188167004	MW-5B	EPA 8260	322353		
40188167005	MW-6	EPA 8260	322353		
40188167006	MW-7	EPA 8260	322353		
40188167007	MW-8A	EPA 8260	322353		
40188167008	MW-8B	EPA 8260	322353		
40188167009	MW-9	EPA 8260	322353		
40188167010	MW-10A	EPA 8260	322353		
40188167011	MW-10B	EPA 8260	322353		
40188167012	MW-11A	EPA 8260	322353		
40188167013	MW-11B	EPA 8260	322353		
40188167014	PW	EPA 8260	322353		
40188167015	TRIP BLANK	EPA 8260	322433		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Mendota Park Co
 Branch/Location:
 Project Contact: Ken Shimko
 Phone: 715 832 6608
 Project Number:
 Project Name: Judson Store
 Project State: WI
 Sampled By (Print): Ken Shimko
 Sampled By (Sign): [Signature]
 PO #:
 Regulatory Program:



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

Page 2 of 2

40188167

Page 47 of 49

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested	Matrix
		UOC 9260	Dissolved Pb
		X	X

Quote #:
 Mail To Contact: Ken Shimko
 Mail To Company: Mendota Park Co
 Mail To Address: 2711 N. Excelsior Fall Creek, WI
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address:
 Invoice To Phone:

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
<u>019</u> <u>015</u>	<u>PW</u> <u>Trip Blank ①</u>	<u>5/22</u>		<u>GW</u>

CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

① added in lab 5/23/19 JU

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <u>[Signature]</u> Date/Time: <u>5/22/19</u>	Received By: <u>Red BK</u> Date/Time: <u>5/22/19</u>	PACE Project No. <u>40188167</u> Receipt Temp: <u>ROJ</u> °C Sample Receipt pH <input checked="" type="checkbox"/> OK / Adjusted Cooler Custody Seal <input checked="" type="checkbox"/> Present / Not Present <input checked="" type="checkbox"/> Intact / Not Intact
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: <u>[Signature]</u> Date/Time: <u>5/23/19</u>	Received By: <u>Jose Vargyaspace</u> Date/Time: <u>5/23/19</u>	
Email #1:	Relinquished By:	Received By:	
Email #2:	Relinquished By:	Received By:	
Telephone:	Relinquished By:	Received By:	
Fax:	Relinquished By:	Received By:	
Samples on HOLD are subject to special pricing and release of liability	Relinquished By:	Received By:	

Sample Preservation Receipt Form

Client Name: Meridian

Project # 40188167

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper: 10153581

Lab Std #ID of preservation (if pH adjusted):

Initial when completed: JV

Date/Time:

Pace Lab #	Glass							Plastic							Vials					Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)								
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC								GN							
001												-						2																						2.5 / 5 / 10
002												-						3																						2.5 / 5 / 10
003												-						3																						2.5 / 5 / 10
004												-						3																						2.5 / 5 / 10
005												-						3																						2.5 / 5 / 10
006												-						3																						2.5 / 5 / 10
007												-						3																						2.5 / 5 / 10
008												-						3																						2.5 / 5 / 10
009												-						3																						2.5 / 5 / 10
010												-						3																						2.5 / 5 / 10
011												-						3																						2.5 / 5 / 10
012												-						3																						2.5 / 5 / 10
013												-						3																						2.5 / 5 / 10
014												-						2																						2.5 / 5 / 10
015												-						2																						2.5 / 5 / 10
016												-																												2.5 / 5 / 10
017												-																												2.5 / 5 / 10
018												-																												2.5 / 5 / 10
019												-																												2.5 / 5 / 10
020												-																												2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____

Headspace in VOA Vials (>6mm) Yes No N/A *If yes, list in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3B	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	



1241 Bellevue Street, Green Bay, WI 54302

Document Name:
Sample Condition Upon Receipt (SCUR)

Document Revised: 25Apr2018

Document No.:
F-GB-C-031-Rev.07

Issuing Authority:
Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: Meridian

Project #: _____

WO#: **40188167**

Courier: CS Logistics Fed Ex Speedee UPS Walto
 Client Pace Other: _____



Tracking #: 7874 22 837554

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

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 20.7 Corr: _____

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
Date: 5/23/2019
Initials: JS

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>No Invoice Notices</u> <u>5/23/2019</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>NO time</u> <u>5/23/2019 JS</u>
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>NO Date or time on two bottles</u> <u>or vials</u> <u>5/23/19 JS</u>
-Includes date/time/ID/Analysis Matrix:		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <u>added in lab</u> <u>5/23/2019 JS</u>
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>423-116</u>		<u>5/23/2019 JS</u>

Client Notification/ Resolution: _____
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: _____
If checked, see attached form for additional comments

Project Manager Review: [Signature]

Date: 5-24-19