From: James Goodrich <jgoodrich@impact7g.com>
Sent: Wednesday, November 25, 2020 2:20 PM
To: McKnight, Kevin - DNR
Cc: Mike Fisher
Subject: Monitoring Well MW-10 - Parcel J - BRTTS 271549843 Murphy
Attachments: 40218733_frc.pdf

Kevin,

Good afternoon! Please find attached analytical report for MW-10, Parcel J BRTTS 271549843 Murphy. No VOC detections above laboratory reporting limits were revealed. The data will be included in the quarterly site monitoring report for the Site. Happy Thanksgiving!

James Goodrich, GWP
Senior Environmental Specialist

IMPACT7G

319.358.2542 | Office
319.855.2843 | Cell

www.impact7g.com

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

November 25, 2020

James Goodrich
Impact7G
310 2nd St
Coralville, IA 52241

RE: Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

Dear James Goodrich:

Enclosed are the analytical results for sample(s) received by the laboratory on November 19, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

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

cc: Mike Fisher, IMPACT7G

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CERTIFICATIONS

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40218733001	**MW-10**	Water	11/19/20 16:30	11/19/20 18:03
40218733002	**MW-10 DUPLICATE**	Water	11/19/20 16:30	11/19/20 18:03
40218733003	**FIELD BLANK**	Water	11/19/20 16:30	11/19/20 18:03

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SAMPLE ANALYTE COUNT

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40218733001	**MW-10**	EPA 8260	HNW	64
40218733002	**MW-10 DUPLICATE**	EPA 8260	HNW	64
40218733003	**FIELD BLANK**	EPA 8260	HNW	64

PASI-G = Pace Analytical Services - Green Bay

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ANALYTICAL RESULTS

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

Sample: MW-10 **Lab ID: 40218733001** Collected: 11/19/20 16:30 Received: 11/19/20 18:03 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/24/20 16:23	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/24/20 16:23	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 16:23	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/24/20 16:23	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/24/20 16:23	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 16:23	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/24/20 16:23	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/24/20 16:23	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/24/20 16:23	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/24/20 16:23	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/24/20 16:23	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/24/20 16:23	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/24/20 16:23	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 16:23	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 16:23	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 16:23	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/24/20 16:23	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/24/20 16:23	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/24/20 16:23	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/24/20 16:23	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/24/20 16:23	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/24/20 16:23	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/24/20 16:23	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/24/20 16:23	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 16:23	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/24/20 16:23	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/24/20 16:23	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/24/20 16:23	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/24/20 16:23	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/24/20 16:23	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 16:23	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/24/20 16:23	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/24/20 16:23	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/24/20 16:23	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/24/20 16:23	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/24/20 16:23	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/24/20 16:23	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/24/20 16:23	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/24/20 16:23	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/24/20 16:23	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/24/20 16:23	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/24/20 16:23	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/24/20 16:23	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/24/20 16:23	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/24/20 16:23	100-42-5	

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ANALYTICAL RESULTS

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

Sample: MW-10 **Lab ID: 40218733001** Collected: 11/19/20 16:30 Received: 11/19/20 18:03 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/24/20 16:23	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/24/20 16:23	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/24/20 16:23	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/24/20 16:23	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/24/20 16:23	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/24/20 16:23	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/24/20 16:23	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/24/20 16:23	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 16:23	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/24/20 16:23	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/24/20 16:23	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/24/20 16:23	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/24/20 16:23	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/24/20 16:23	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/24/20 16:23	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/24/20 16:23	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/24/20 16:23	460-00-4	pH
Dibromofluoromethane (S)	109	%	70-130		1		11/24/20 16:23	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/24/20 16:23	2037-26-5	

Sample: MW-10 DUPLICATE **Lab ID: 40218733002** Collected: 11/19/20 16:30 Received: 11/19/20 18:03 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/24/20 12:20	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/24/20 12:20	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 12:20	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/24/20 12:20	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/24/20 12:20	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 12:20	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/24/20 12:20	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/24/20 12:20	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/24/20 12:20	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/24/20 12:20	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/24/20 12:20	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/24/20 12:20	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/24/20 12:20	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 12:20	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 12:20	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 12:20	78-87-5	

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ANALYTICAL RESULTS

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

Sample: MW-10 DUPLICATE **Lab ID: 40218733002** Collected: 11/19/20 16:30 Received: 11/19/20 18:03 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/24/20 12:20	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/24/20 12:20	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/24/20 12:20	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/24/20 12:20	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/24/20 12:20	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/24/20 12:20	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/24/20 12:20	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/24/20 12:20	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 12:20	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/24/20 12:20	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/24/20 12:20	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/24/20 12:20	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/24/20 12:20	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/24/20 12:20	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 12:20	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/24/20 12:20	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/24/20 12:20	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/24/20 12:20	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/24/20 12:20	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/24/20 12:20	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/24/20 12:20	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/24/20 12:20	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/24/20 12:20	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/24/20 12:20	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/24/20 12:20	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/24/20 12:20	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/24/20 12:20	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/24/20 12:20	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/24/20 12:20	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/24/20 12:20	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/24/20 12:20	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/24/20 12:20	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/24/20 12:20	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/24/20 12:20	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/24/20 12:20	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/24/20 12:20	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/24/20 12:20	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 12:20	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/24/20 12:20	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/24/20 12:20	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/24/20 12:20	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/24/20 12:20	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/24/20 12:20	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/24/20 12:20	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/24/20 12:20	10061-02-6	

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ANALYTICAL RESULTS

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

Sample: MW-10 DUPLICATE **Lab ID: 40218733002** Collected: 11/19/20 16:30 Received: 11/19/20 18:03 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/24/20 12:20	460-00-4	pH
Dibromofluoromethane (S)	109	%	70-130		1		11/24/20 12:20	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		11/24/20 12:20	2037-26-5	

Sample: FIELD BLANK **Lab ID: 40218733003** Collected: 11/19/20 16:30 Received: 11/19/20 18:03 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/24/20 11:17	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/24/20 11:17	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 11:17	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/24/20 11:17	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/24/20 11:17	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 11:17	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/24/20 11:17	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/24/20 11:17	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/24/20 11:17	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/24/20 11:17	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/24/20 11:17	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/24/20 11:17	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/24/20 11:17	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 11:17	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 11:17	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 11:17	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/24/20 11:17	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/24/20 11:17	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/24/20 11:17	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/24/20 11:17	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/24/20 11:17	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/24/20 11:17	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/24/20 11:17	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/24/20 11:17	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 11:17	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/24/20 11:17	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/24/20 11:17	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/24/20 11:17	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/24/20 11:17	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/24/20 11:17	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 11:17	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/24/20 11:17	75-00-3	

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ANALYTICAL RESULTS

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

Sample: FIELD BLANK **Lab ID: 40218733003** Collected: 11/19/20 16:30 Received: 11/19/20 18:03 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/24/20 11:17	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/24/20 11:17	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/24/20 11:17	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/24/20 11:17	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/24/20 11:17	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/24/20 11:17	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/24/20 11:17	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/24/20 11:17	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/24/20 11:17	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/24/20 11:17	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/24/20 11:17	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/24/20 11:17	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/24/20 11:17	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/24/20 11:17	127-18-4	
Toluene	**0.56J**	ug/L	1.0	0.27	1		11/24/20 11:17	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/24/20 11:17	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/24/20 11:17	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/24/20 11:17	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/24/20 11:17	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/24/20 11:17	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/24/20 11:17	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 11:17	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/24/20 11:17	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/24/20 11:17	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/24/20 11:17	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/24/20 11:17	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/24/20 11:17	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/24/20 11:17	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/24/20 11:17	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		11/24/20 11:17	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		11/24/20 11:17	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		11/24/20 11:17	2037-26-5	

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QUALITY CONTROL DATA

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

QC Batch: 372131
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40218733001, 40218733002, 40218733003

METHOD BLANK: 2152163
Matrix: Water
Associated Lab Samples: 40218733001, 40218733002, 40218733003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	11/24/20 06:18	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	11/24/20 06:18	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	11/24/20 06:18	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	11/24/20 06:18	
1,1-Dichloroethane	ug/L	<0.27	1.0	11/24/20 06:18	
1,1-Dichloroethene	ug/L	<0.24	1.0	11/24/20 06:18	
1,1-Dichloropropene	ug/L	<0.54	1.8	11/24/20 06:18	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	11/24/20 06:18	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	11/24/20 06:18	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/24/20 06:18	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	11/24/20 06:18	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	11/24/20 06:18	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	11/24/20 06:18	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	11/24/20 06:18	
1,2-Dichloroethane	ug/L	<0.28	1.0	11/24/20 06:18	
1,2-Dichloropropane	ug/L	<0.28	1.0	11/24/20 06:18	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	11/24/20 06:18	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	11/24/20 06:18	
1,3-Dichloropropane	ug/L	<0.83	2.8	11/24/20 06:18	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	11/24/20 06:18	
2,2-Dichloropropane	ug/L	<2.3	7.6	11/24/20 06:18	
2-Chlorotoluene	ug/L	<0.93	5.0	11/24/20 06:18	
4-Chlorotoluene	ug/L	<0.76	2.5	11/24/20 06:18	
Benzene	ug/L	<0.25	1.0	11/24/20 06:18	
Bromobenzene	ug/L	<0.24	1.0	11/24/20 06:18	
Bromochloromethane	ug/L	<0.36	5.0	11/24/20 06:18	
Bromodichloromethane	ug/L	<0.36	1.2	11/24/20 06:18	
Bromoform	ug/L	<4.0	13.2	11/24/20 06:18	
Bromomethane	ug/L	<0.97	5.0	11/24/20 06:18	
Carbon tetrachloride	ug/L	<1.1	3.6	11/24/20 06:18	
Chlorobenzene	ug/L	<0.71	2.4	11/24/20 06:18	
Chloroethane	ug/L	<1.3	5.0	11/24/20 06:18	
Chloroform	ug/L	<1.3	5.0	11/24/20 06:18	
Chloromethane	ug/L	<2.2	7.3	11/24/20 06:18	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	11/24/20 06:18	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	11/24/20 06:18	
Dibromochloromethane	ug/L	<2.6	8.7	11/24/20 06:18	
Dibromomethane	ug/L	<0.94	3.1	11/24/20 06:18	
Dichlorodifluoromethane	ug/L	<0.50	5.0	11/24/20 06:18	
Diisopropyl ether	ug/L	<1.9	6.3	11/24/20 06:18	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

METHOD BLANK: 2152163 Matrix: Water
Associated Lab Samples: 40218733001, 40218733002, 40218733003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	11/24/20 06:18	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	11/24/20 06:18	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	11/24/20 06:18	
m&p-Xylene	ug/L	<0.47	2.0	11/24/20 06:18	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	11/24/20 06:18	
Methylene Chloride	ug/L	<0.58	5.0	11/24/20 06:18	
n-Butylbenzene	ug/L	<0.71	2.4	11/24/20 06:18	
n-Propylbenzene	ug/L	<0.81	5.0	11/24/20 06:18	
Naphthalene	ug/L	<1.2	5.0	11/24/20 06:18	
o-Xylene	ug/L	<0.26	1.0	11/24/20 06:18	
p-Isopropyltoluene	ug/L	<0.80	2.7	11/24/20 06:18	
sec-Butylbenzene	ug/L	<0.85	5.0	11/24/20 06:18	
Styrene	ug/L	<3.0	10.0	11/24/20 06:18	
tert-Butylbenzene	ug/L	<0.30	1.0	11/24/20 06:18	
Tetrachloroethene	ug/L	<0.33	1.1	11/24/20 06:18	
Toluene	ug/L	<0.27	1.0	11/24/20 06:18	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	11/24/20 06:18	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	11/24/20 06:18	
Trichloroethene	ug/L	<0.26	1.0	11/24/20 06:18	
Trichlorofluoromethane	ug/L	<0.21	1.0	11/24/20 06:18	
Vinyl chloride	ug/L	<0.17	1.0	11/24/20 06:18	
4-Bromofluorobenzene (S)	%	88	70-130	11/24/20 06:18	
Dibromofluoromethane (S)	%	110	70-130	11/24/20 06:18	
Toluene-d8 (S)	%	102	70-130	11/24/20 06:18	

LABORATORY CONTROL SAMPLE: 2152164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.9	108	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	57.6	115	64-131	
1,1,2-Trichloroethane	ug/L	50	54.7	109	70-130	
1,1-Dichloroethane	ug/L	50	39.2	78	69-163	
1,1-Dichloroethene	ug/L	50	43.3	87	77-123	
1,2,4-Trichlorobenzene	ug/L	50	48.5	97	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.0	104	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.7	103	70-130	
1,2-Dichlorobenzene	ug/L	50	51.8	104	70-130	
1,2-Dichloroethane	ug/L	50	53.3	107	78-142	
1,2-Dichloropropane	ug/L	50	53.1	106	86-134	
1,3-Dichlorobenzene	ug/L	50	50.0	100	70-130	
1,4-Dichlorobenzene	ug/L	50	49.8	100	70-130	
Benzene	ug/L	50	56.3	113	70-130	
Bromodichloromethane	ug/L	50	52.0	104	70-130	
Bromoform	ug/L	50	49.0	98	70-130	

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QUALITY CONTROL DATA

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

LABORATORY CONTROL SAMPLE: 2152164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	31.4	63	39-129	
Carbon tetrachloride	ug/L	50	56.9	114	70-132	
Chlorobenzene	ug/L	50	52.8	106	70-130	
Chloroethane	ug/L	50	43.5	87	66-140	
Chloroform	ug/L	50	54.1	108	75-132	
Chloromethane	ug/L	50	49.0	98	32-143	
cis-1,2-Dichloroethene	ug/L	50	50.7	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.5	97	70-130	
Dibromochloromethane	ug/L	50	48.0	96	70-130	
Dichlorodifluoromethane	ug/L	50	39.0	78	10-141	
Ethylbenzene	ug/L	50	54.6	109	80-120	
Isopropylbenzene (Cumene)	ug/L	50	49.5	99	70-130	
m&p-Xylene	ug/L	100	110	110	70-130	
Methyl-tert-butyl ether	ug/L	50	42.0	84	61-129	
Methylene Chloride	ug/L	50	42.4	85	70-130	
o-Xylene	ug/L	50	49.2	98	70-130	
Styrene	ug/L	50	49.5	99	70-130	
Tetrachloroethene	ug/L	50	48.4	97	70-130	
Toluene	ug/L	50	53.2	106	80-120	
trans-1,2-Dichloroethene	ug/L	50	42.9	86	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.6	95	69-130	
Trichloroethene	ug/L	50	51.3	103	70-130	
Trichlorofluoromethane	ug/L	50	48.6	97	75-145	
Vinyl chloride	ug/L	50	49.6	99	51-140	
4-Bromofluorobenzene (S)	%			103	70-130	
Dibromofluoromethane (S)	%			108	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2152165 2152166

Parameter	Units	10539870015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	54.6	52.8	109	106	70-130	3	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	57.8	55.3	116	111	64-137	4	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	55.9	53.8	112	108	70-137	4	20	
1,1-Dichloroethane	ug/L	ND	50	50	39.2	37.4	78	75	69-163	5	20	
1,1-Dichloroethene	ug/L	ND	50	50	43.1	42.5	86	85	77-129	1	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	48.5	47.4	97	95	68-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	56.2	53.0	112	106	60-130	6	20	
1,2-Dibromoethane (EDB)	ug/L	7.5	50	50	65.8	59.0	117	103	70-130	11	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	51.8	51.3	104	103	70-130	1	20	
1,2-Dichloroethane	ug/L	ND	50	50	53.6	51.1	107	102	78-145	5	20	
1,2-Dichloropropane	ug/L	ND	50	50	55.2	52.3	110	105	86-135	5	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	50.9	50.2	102	100	70-130	1	20	

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QUALITY CONTROL DATA

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2152165 2152166

Parameter	Units	10539870015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	ND	50	50	49.7	49.1	99	98	70-130	1	20	
Benzene	ug/L	ND	50	50	56.6	54.5	113	109	70-136	4	20	
Bromodichloromethane	ug/L	ND	50	50	52.7	50.2	105	100	70-130	5	20	
Bromoform	ug/L	ND	50	50	48.5	47.2	97	94	69-130	3	20	
Bromomethane	ug/L	ND	50	50	31.7	32.0	63	64	39-138	1	20	
Carbon tetrachloride	ug/L	ND	50	50	57.0	55.3	114	111	70-142	3	20	
Chlorobenzene	ug/L	ND	50	50	53.1	51.8	106	104	70-130	3	20	
Chloroethane	ug/L	ND	50	50	44.1	42.7	88	85	61-149	3	20	
Chloroform	ug/L	ND	50	50	57.3	55.5	107	104	75-133	3	20	
Chloromethane	ug/L	ND	50	50	45.4	43.8	91	88	32-143	4	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	53.3	51.6	107	103	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	51.0	49.1	102	98	70-130	4	20	
Dibromochloromethane	ug/L	ND	50	50	48.7	47.7	97	95	70-130	2	20	
Dichlorodifluoromethane	ug/L	ND	50	50	36.5	35.3	73	71	10-141	3	20	
Ethylbenzene	ug/L	ND	50	50	55.1	53.5	110	107	80-120	3	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	48.8	48.2	98	96	70-130	1	20	
m&p-Xylene	ug/L	ND	100	100	108	107	108	107	70-130	1	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	42.1	40.6	84	81	61-136	4	20	
Methylene Chloride	ug/L	ND	50	50	43.2	41.7	86	83	68-137	3	20	
o-Xylene	ug/L	ND	50	50	48.9	47.4	98	95	70-130	3	20	
Styrene	ug/L	ND	50	50	48.9	47.1	98	94	70-130	4	20	
Tetrachloroethene	ug/L	ND	50	50	48.6	48.3	97	97	70-130	1	20	
Toluene	ug/L	ND	50	50	53.4	52.5	107	105	80-120	2	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	42.4	40.8	85	82	70-130	4	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	48.2	47.2	96	94	69-130	2	20	
Trichloroethene	ug/L	ND	50	50	51.5	50.1	103	100	70-130	3	20	
Trichlorofluoromethane	ug/L	ND	50	50	48.0	46.9	96	94	74-157	2	20	
Vinyl chloride	ug/L	ND	50	50	48.6	47.3	97	95	51-140	3	20	
4-Bromofluorobenzene (S)	%						99	101	70-130			
Dibromofluoromethane (S)	%						105	105	70-130			
Toluene-d8 (S)	%						104	104	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

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.

ANALYTE QUALIFIERS

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PARCEL J, MARION RD PEARL AVE
Pace Project No.: 40218733

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40218733001	**MW-10**	EPA 8260	372131		
40218733002	**MW-10 DUPLICATE**	EPA 8260	372131		
40218733003	**FIELD BLANK**	EPA 8260	372131		

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Page 1 of 1

UPPER MIDWEST REGION
MN: 612-607-1700 **WI:** 920-469-2436

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

4028733

(Please Print Clearly)	
Company Name:	Impact 7G
Branch/Location:	Condville, Iowa
Project Contact:	James Goodrich
Phone:	319.855.2843
Project Number:	Parcel J
Project Name:	Marion Rd. Pearl Ave.
Project State:	WI
Sampled By (Print):	James Goodrich
Sampled By (Sign):	James Goodrich
PO #:	Regulatory Program:

***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

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
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, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOCs 8260								CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-10	11.19.20	16:31	Gw			X										
002	MW-10 Duplicate			Gw			X										
003	Field Blank			Dw			X										

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
James Goodrich	11.19.20 ~~1810~~ 1803	Michelle Lore	11-19-20 1803
	MK 11-19-20		

PACE Project No. 4028733

Receipt Temp = ROI °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present

Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

Sample Preservation Receipt Form

Client Name: Impact 7G Project # 40218733

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

Initial when completed: Date/Time:

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

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	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN							
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
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011																																	2.5 / 5 / 10
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014																																	2.5 / 5 / 10
015																																	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

11/20/2020

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 look in headspace column**

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Pace Analytical® 1241 Bellevue Street, Green Bay, WI 54302	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: 26Mar2020
	Document No.: **ENV-FRM-GBAY-0014-Rev.00**	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: WO#: 40218733

40218733

Client Name: Impact 7G

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☒ Client ☐ Pace Other: _____

Tracking #: _____

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: ROI /Corr: _____

Temp Blank Present: ☐ yes ☒ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents: Date: 11-20-20 /Initials: SKW

Labeled By Initials: MP

Chain of Custody Present:	☑ Yes ☐ No ☐ N/A	1.
Chain of Custody Filled Out:	☐ Yes ☑ No ☐ N/A	2. Filter, Preserve 11-20-20 SKW
Chain of Custody Relinquished:	☑ Yes ☐ No ☐ N/A	3.
Sampler Name & Signature on COC:	☑ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes ☐ No	5.
- VOA Samples frozen upon receipt	☐ Yes ☐ No	Date/Time:
Short Hold Time Analysis (<72hr):	☐ Yes ☑ No	6.
Rush Turn Around Time Requested:	☐ Yes ☑ No	7.
Sufficient Volume: For Analysis: ☑ Yes ☐ No MS/MSD:	☐ Yes ☑ No ☐ N/A	8.
Correct Containers Used:	☑ Yes ☐ No	9.
-Pace Containers Used:	☐ Yes ☑ No ☐ N/A	
-Pace IR Containers Used:	☐ Yes ☐ No ☑ N/A	
Containers Intact:	☑ Yes ☐ No	10.
Filtered volume received for Dissolved tests	☐ Yes ☐ No ☑ N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☐ Yes ☑ No ☐ N/A	12. 002 - 2 vials no time; 1 vial no Dup in ID. 11-20-20 SKW
Trip Blank Present:	☐ Yes ☑ No ☐ N/A	13.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☑ N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logi