Environmental Audits
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Twin Disc, Inc.
Annual 2020 Monitoring Results
Plant 3 Coolant Release

Subject Property
Twin Disc, Inc.
4600 21st Street
Racine, WI 53405
FID #252007140
BRRTS: 02-52-378657

June 23, 2020

Prepared by:

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I, Edwin E. Raymond, hereby certify that I am a hydrogeologist as that term is defined under s. NR 712.03(1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

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Preface

Environmental Audits, Inc. (EA) has exercised reasonable efforts to accomplish the required tasks for the **"Twin Disc, Inc. Annual 2020 Monitoring Results".** EA has employed the professional standards applicable to the environmental consulting field today.

The information required for the **"Twin Disc, Inc. Annual 2020 Monitoring Results"** has been provided to Environmental Audits, Inc. by Twin Disc, Inc. management. This work was accomplished within time and budget limitations. More definitive conclusions may be desired than are warranted by the facts available under these constraints. The conclusions stated in this report are intended for guidance.

WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION WARRANTIES AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Further, the information provided in this report is not to be construed as legal advice or a recommendation as to a course of action unless explicitly stated.

I) Purpose

The primary purpose of this report is to document the groundwater chemistry for the Coolant Release Area Groundwater Monitoring wells CR-1, CR-2, CR-3, CR-4, and CR-5. Twin Disc, Inc. installed a "French Drain" recovery system during June 2009 to enhance the tramp coolant recovery effort.

The purpose of this submittal is to provide an Annual Report or Update per the requirements of s. NR 724.13(e) describing the results of the previous four (4) quarters of groundwater sampling at the Twin Disc, Inc. Plant 3 manufacturing site as a result of a waste coolant release reported to the WDNR on October 22, 2002, FID #2252007140, BRRTS: 02-52-378657. This report deals with the results obtained over the previous year of quarterly analysis performed on the groundwater monitoring wells, commencing during April 2019

The quarterly groundwater-sampling rounds consisted of sampling the five (5) s. NR 141 Groundwater Monitoring Wells.

Monitoring wells CR-4 and CR-5 were constructed on November 17, 2014 as a response to SERTS Spill ID: 20140630SE52-1 (BRRTS: 02-52-562650), initially reported to the WNDR on June 30, 2014. A separate report detailing the monitoring well installation and initial groundwater chemistry was prepared as a "stand alone" document.

The previously submitted documents are incorporated into this document by reference.

INTRODUCTION

Groundwater monitoring wells CR-1, CR-2, CR-3, CR-4, and CR-5 were developed in accordance to the procedures detailed in s. NR 141. Groundwater monitoring wells were developed in accordance to the procedures detailed in s. NR 141. Groundwater monitoring well samples, obtained for laboratory analysis, were placed in appropriately preserved sample containers immediately after being collected. Groundwater monitoring well samples were cooled to 4 degrees Celsius by placing the samples in a container and surrounding them with ice. Groundwater monitoring well sample containers were filled to the maximum extent possible to reduce headspace and the possible loss of volatile hydrocarbons. All VOC samples were preserved with a 1:1 addition of hydrochloric acid.

Groundwater monitoring well samples were transported, under Chain of Custody, to Pace Analytical Services, Inc., 1241 Bellevue Street - Suite 9, Green Bay, WI 54302, WDNR Certification Number 405132750, and analyzed for Volatile Organic Compounds (VOC), EPA 8260. Please see Appendix III for groundwater monitoring well sample Chain of Custody.

Groundwater Analytical Results

Diesel Range Organics - WDNR DRO

DRO sampling was discontinued as a regular analytical parameter as of the 2nd Quarter 2016 groundwater analysis.

Petroleum Volatile Organic Compounds (EPA 8260)

Groundwater analytical results are as follows. Sample results exceeding the appropriate s. NR 140 Enforcement Standard (ES) or Preventative Action Limit (PAL) are highlighted. All Petroleum Volatile Organic Compounds reported are in units of ug/l.

Pace Analytical Services, Inc., 1241 Bellevue Street - Suite 9, Green Bay, WI 54302, WDNR Certification Number 405132750, analyzed these monitoring well samples for Volatile Organic Compounds, utilizing USEPA Method SW8260B/SW5030A. Results of these analyses are as follows:

Groundwater Well CR-1

Sample Description	Jun-20	Mar-20	Oct-19	Jul-19	NR 140 ES	NR 140 PAL
Acetone	NTF	NTF	NTF	NTF	1000 ug/l	200 ug/l
Benzene	<0.25	<0.25	<0.62	<0.25	5 ug/l	0.5 ug/l
Bromodichloromethane	<0.36	<0.36	<0.91	<0.36	0.6 ug/l	0.06 ug/l
Bromoform	<4.0	<4.0	<9.9	<4.0	4.4 ug/l	0.44 ug/l
Bromomethane	<0.97	<0.97	<2.4	<0.97	10 ug/l	1 ug/l
Carbon Disulfide	NTF	NTF	NTF	NTF	1000 ug/l	200 ug/l
Carbon Tetrachloride	<0.17	<0.17	<0.41	<0.17	5 ug/l	0.5 ug/l
Chlorobenzene	<0.71	<0.71	<1.8	<0.71	NS	NS
Chloroethane	<1.3	<1.3	4.9 J	<1.3	400 ug/l	80 ug/l
Chloroform	<1.3	<1.3	<3.2	<1.3	6 ug/l	0.6 ug/l
Chloromethane	<2.2	<2.2	<5.5	<2.2	3 ug/l	0.3 ug/l
Dibromochloromethane	<2.6	<2.6	<1.2	<2.6	60 ug/l	6 ug/l
1,2-Dibromo-3-chloropropane	<1.8	<1.8	<4.4	<1.8	0.2 ug/l	0.02 ug/l
1,2-Dibromomethane	<0.83	<0.83	<2.1	<0.83	NS	NS
1,1-Dichloroethane	0.32 J	<0.24	370	0.34 J	850 ug/l	85 ug/l
1,2-Dichloroethane	<0.28	<0.28	1.8 J	<0.28	5 ug/l	0.5 ug/l
1,1-Dichloroethene	<0.24	<0.24	2.4 J	<0.24	7 ug/l	0.7 ug/l
cis-1,2-Dichloroethene	<0.27	<0.27	<0.68	<0.27	70 ug/l	7 ug/l
trans-1,2-Dichloroethene	<1.1	<1.1	<2.7	<1.1	100 ug/l	20 ug/l
1,2-Dichloropropane	<0.28	<0.28	<2.1	<0.28	5 ug/l	0.5 ug/l
Ethyl Benzene	<0.22	<0.22	<0.55	<0.22	700 ug/l	140 ug/l
2-Hexanone	NTF	NTF	NTF	NTF	NS	NS
Methylene Chloride	<0.58	<0.58	<1.5	<0.58	5 ug/l	0.5 ug/l
Methyl-tert-Butylether	<1.2	<1.2	<3.1	<1.2	60 ug/l	6 ug/l
Styrene	<0.47	<0.47	<1.2	<0.47	100 ug/l	10 ug/l
1,1,2,2-Tetrachloroethane	<0.27	<0.27	<0.69	<0.27	0.2 ug/l	0.02 ug/l
Tetrachloroethene	<0.33	<0.33	<0.82	<0.33	5 ug/l	0.5 ug/l
Toluene	<0.17	<0.17	<0.43	<0.17	1 mg/l	0.2 mg/l
1,1,1-Trichloroethane	<0.24	<0.24	44	<0.24	200 ug/l	40 ug/l
1,1,2-Trichloroethane	<0.55	<0.55	<1.4	<0.55	5 ug/l	0.5 ug/l
Trichloroethene	0.56 J	0.42 J	<0.64	0.81 J	5 ug/l	0.5 ug/l
Vinyl Chloride	<0.17	<0.17	7.5	<0.17	0.2 ug/l	0.02 ug/l
Total Xylenes	<0.73	<0.73	<1.85	<0.73	10 mg/l	1 mg/l

VOCs reported in units of ug/l
B: Analyte detected in the associated Method Blank
J: Analyte detected below quanitiation limits
NTF: Not Tested For

Groundwater Well CR-2 Sample Description	Jun-20	Mar-20	Oct-19	Jul-19	NR140 ES	NR140 PAL
Acetone	NTF	NTF	NTF	NTF	1000 ug/l	200 ug/l
Benzene	<0.25	<0.25	<0.25	<0.25	5 ug/l	0.5 ug/l
Bromodichloromethane	<0.36	<0.36	<0.36	<0.36	0.6 ug/l	0.06 ug/l
Bromoform	<4.0	<4.0	<4.0	<4.0	4.4 ug/l	0.44 ug/l
Bromomethane	<0.97	<0.97	<0.97	<0.97	10 ug/l	1 ug/l
Carbon Disulfide	NTF	NTF	NTF	NTF	1000 ug/l	200 ug/l
Carbon Tetrachloride	<0.17	<0.17	<0.17	<0.17	5 ug/l	0.5 ug/l
Chlorobenzene	<0.71	<0.71	<0.71	<0.71	NS	NS
Chloroethane	<1.3	<1.3	<1.3	<1.3	400 ug/l	80 ug/l
Chloroform	<1.3	<1.3	<1.3	<1.3	6 ug/l	0.6 ug/l
Chloromethane	<2.2	<2.2	<2.2	<2.2	3 ug/l	0.3 ug/l
Dibromochloromethane	<2.6	<2.6	<2.6	<2.6	60 ug/l	6 ug/l
1,2-Dibromo-3-chloropropane	<1.8	<1.8	<1.8	<1.8	0.2 ug/l	0.02 ug/l
1,2-Dibromomethane	<0.83	<0.83	<0.83	<0.83	NS	NS
1,1-Dichloroethane	3.4	5.4	32.4	5.5	850 ug/l	85 ug/l
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	5 ug/l	0.5 ug/l
1,1-Dichloroethene	<0.24	<0.24	5.5	<0.24	7 ug/l	0.7 ug/l
cis-1,2-Dichloroethene	<0.27	<0.27	14.2	<0.27	70 ug/l	7 ug/l
trans-1,2-Dichloroethene	<1.1	<1.1	<1.1	<1.1	100 ug/l	20 ug/l
1,2-Dichloropropane	<0.28	<0.28	<0.28	<0.28	5 ug/l	0.5 ug/l
Ethyl Benzene	<0.22	<0.22	<0.22	<0.22	700 ug/l	140 ug/l
2-Hexanone	NTF	NTF	NTF	NTF	NS	NS
Methylene Chloride	<0.58	<0.58	<0.58	<0.58	5 ug/l	0.5 ug/l
Methyl-tert-Butylether	<1.2	<1.2	<1.2	<1.2	60 ug/l	6 ug/l
Styrene	<0.47	<0.47	<0.47	<0.47	100 ug/l	10 ug/l
1,1,2,2-Tetrachloroethane	<0.27	<0.27	<0.27	<0.27	0.2 ug/l	0.02 ug/l
Tetrachloroethene	<0.33	<0.33	<0.33	<0.33	5 ug/l	0.5 ug/l
Toluene	<0.17	<0.17	<0.17	<0.17	1 mg/l	0.2 mg/l
1,1,1-Trichloroethane	<0.24	<0.24	98.3	<0.24	200 ug/l	40 ug/l
1,1,2-Trichloroethane	<0.55	<0.55	<0.55	<0.55	5 ug/l	0.5 ug/l
Trichloroethene	<0.26	<0.26	15.8	<0.26	5 ug/l	0.5 ug/l
Vinyl Chloride	<0.17	<0.17	0.72 J	<0.17	0.2 ug/l	0.02 ug/l
Total Xylenes	<0.73	<0.73	<0.73	<0.73	10 mg/l	1 mg/l

VOCs reported in units of ug/l

B: Analyte detected in the associated Method Blank

J: Analyte detected below quanitiation limits

NTF: Not Tested For

Groundwater Well CR-3
Sample
Description

	Jun-20	Mar-20	Oct-19	Jul-19	NR 140 ES	NR 140 PAL
Acetone	NTF	NTF	NTF	NTF	1000 ug/l	200 ug/l
Benzene	<123	<123	<123	<246	5 ug/l	0.5 ug/l
Bromodichloromethane	<182	<182	<182	<364	0.6 ug/l	0.06 ug/l
Bromoform	<1990	<1990	<1990	<3970	4.4 ug/l	0.44 ug/l
Bromomethane	<486	<486	<486	<971	10 ug/l	1 ug/l
Carbon Disulfide	NTF	NTF	NTF	NTF	1000 ug/l	200 ug/l
Carbon Tetrachloride	<82.9	<82.9	<82.9	<166	5 ug/l	0.5 ug/l
Chlorobenzene	<356	<356	<356	<711	NS	NS
Chloroethane	77400	82200	66100	58700	400 ug/l	80 ug/l
Chloroform	<637	<637	<637	<1270	6 ug/l	0.6 ug/l
Chloromethane	<1090	<1090	<1090	<2190	3 ug/l	0.3 ug/l
Dibromochloromethane	<1300	<1300	<1300	<2600	60 ug/l	6 ug/l
1,2-Dibromo-3-chloropropane	<882	<882	<882	<1760	0.2 ug/l	0.02 ug/l
1,2-Dibromomethane	<140	<140	<140	<829	NS	NS
1,1-Dichloroethane	50900	51100	51800	45100	850 ug/l	85 ug/l
1,2-Dichloroethane	<140	<140	<140	<260	5 ug/l	0.5 ug/l
1,1-Dichloroethene	2480	2500	2870	2810	7 ug/l	0.7 ug/l
cis-1,2-Dichloroethene	<136	<136	<136	<271	70 ug/l	7 ug/l
trans-1,2-Dichloroethene	<545	<545	<545	<1090	100 ug/l	20 ug/l
1,2-Dichloropropane	<141	<141	<141	<283	5 ug/l	0.5 ug/l
Ethyl Benzene	<109	<109	<109	<218	700 ug/l	140 ug/l
2-Hexanone	NTF	NTF	NTF	NTF	NS	NS
Methylene Chloride	<290	<290	<290	<581	5 ug/l	0.5 ug/l
Methyl-tert-Butylether	<944	<944	<944	<1250	60 ug/l	6 ug/l
Napthalene	<588	<588	<588	<1180	40 ug/l	8 ug/l
Styrene	<233	<233	<233	<465	100 ug/l	10 ug/l
1,1,2,2-Tetrachloroethane	<138	<138	<138	<275	0.2 ug/l	0.02 ug/l
Tetrachloroethene	<163	<163	<163	<326	5 ug/l	0.5 ug/l
Toluene	<135	<135	148 J	197 J	1 mg/l	0.2 mg/l
1,1,1-Trichloroethane	8200	10700	15100	19300	200 ug/l	40 ug/l
1,1,2-Trichloroethane	<276	<276	<276	<552	5 ug/l	0.5 ug/l
Trichloroethene	<128	<128	<128	<255	5 ug/l	0.5 ug/l
Vinyl Chloride	4260	4390	4050	3790	0.2 ug/l	0.02 ug/l
Total Xylenes	<364	<364	<364	<727	10 mg/l	1 mg/l

VOCs reported in units of ug/l
B: Analyte detected in the associated Method Blank
E: Estimated
J: Analyte detected below quanitiation limits
NTF: Not Tested For

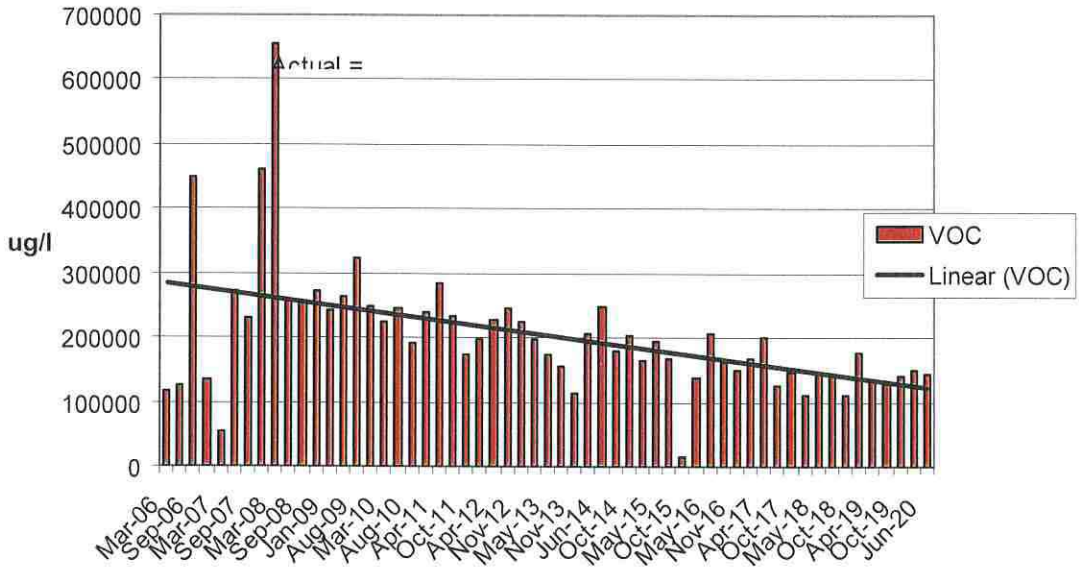
Groundwater Well CR-4 Sample Description	Jun-20	Mar-20	Nov-19	Jul-19	NR 140 ES	NR 140 PAL
Acetone	NTF	NTF	NTF	NTF	1000 ug/l	200 ug/l
Benzene	<0.25	<0.25	<0.25	<0.25	5 ug/l	0.5 ug/l
Bromodichloromethane	<0.36	<0.36	<0.36	<0.36	0.6 ug/l	0.06 ug/l
Bromoform	<4.0	<4.0	<4.0	<4.0	4.4 ug/l	0.44 ug/l
Bromomethane	<0.97	<0.97	<0.97	<0.97	10 ug/l	1 ug/l
Carbon Disulfide	NTF	NTF	NTF	NTF	1000 ug/l	200 ug/l
Carbon Tetrachloride	<0.17	<0.17	<0.17	<0.17	5 ug/l	0.5 ug/l
Chlorobenzene	<0.71	<0.71	<0.71	<0.71	NS	NS
Chloroethane	<1.3	<1.3	<1.3	<1.3	400 ug/l	80 ug/l
Chloroform	<1.3	<1.3	<1.3	<1.3	6 ug/l	0.6 ug/l
Chloromethane	<2.2	<2.2	<2.2	<2.2	3 ug/l	0.3 ug/l
Dibromochloromethane	<2.6	<2.6	<2.6	<2.6	60 ug/l	6 ug/l
1,2-Dibromo-3-chloropropane	<1.8	<1.8	<1.8	<1.8	0.2 ug/l	0.02 ug/l
1,2-Dibromomethane	<0.83	<0.83	<0.83	<0.83	NS	NS
1,1-Dichloroethane	1.5	1.1	1.3	2.5	850 ug/l	85 ug/l
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	5 ug/l	0.5 ug/l
1,1-Dichloroethene	<0.24	<0.24	<0.24	<0.24	7 ug/l	0.7 ug/l
cis-1,2-Dichloroethene	<0.27	<0.27	<0.27	<0.27	70 ug/l	7 ug/l
trans-1,2-Dichloroethene	<1.1	<1.1	<1.1	<1.1	100 ug/l	20 ug/l
1,2-Dichloropropane	<0.28	<0.28	<0.28	<0.28	5 ug/l	0.5 ug/l
Ethyl Benzene	<0.22	<0.22	<0.22	<0.22	700 ug/l	140 ug/l
2-Hexanone	NTF	NTF	NTF	NTF	NS	NS
Methylene Chloride	<0.58	<0.58	<0.58	<0.58	5 ug/l	0.5 ug/l
Methyl-tert-Butylether	<1.2	<1.2	<1.2	<1.2	60 ug/l	6 ug/l
Napthalene	<1.2	<1.2	<1.2	<1.2	40 ug/l	8 ug/l
Styrene	<0.47	<0.47	<0.47	<0.47	100 ug/l	10 ug/l
1,1,2,2-Tetrachloroethane	<0.28	<0.28	<0.28	<0.27	0.2 ug/l	0.02 ug/l
Tetrachloroethene	<0.33	<0.33	<0.33	<0.33	5 ug/l	0.5 ug/l
Toluene	<0.17	<0.17	<0.17	<0.17	1 mg/l	0.2 mg/l
1,2,4- Trimethylbenzene	<0.84	<0.84	<0.84	<0.84	70 ug/l	7 ug/l
1,1,1-Trichloroethane	<0.24	<0.24	<0.24	<0.24	200 ug/l	40 ug/l
1,1,2-Trichloroethane	<0.55	<0.55	<0.55	<0.55	5 ug/l	0.5 ug/l
Trichloroethene	<0.26	<0.26	<0.26	<0.26	5 ug/l	0.5 ug/l
Vinyl Chloride	<0.17	<0.17	<0.17	<0.17	0.2 ug/l	0.02 ug/l
Total Xylenes	<0.73	<0.73	<0.73	<0.73	10 mg/l	1 mg/l

VOCs reported in units of ug/l
B: Analyte detected in the associated Method Blank
J: Analyte detected below quanitiation limits
NTF: Not Tested For

Groundwater Well CR-5 Sample Description	Jun-20	Oct-19	Jul-19	Apr-19	NR 140 ES	NR 140 PAL
Acetone	NTF	NTF	NTF	NTF	1000 ug/l	200 ug/l
Benzene	<0.25	<0.25	<0.25	<0.25	5 ug/l	0.5 ug/l
Bromodichloromethane	<0.36	<0.36	<0.36	<0.36	0.6 ug/l	0.06 ug/l
Bromoform	<4.0	<4.0	<4.0	<4.0	4.4 ug/l	0.44 ug/l
Bromomethane	<0.97	<0.97	<0.97	<0.97	10 ug/l	1 ug/l
Carbon Disulfide	NTF	NTF	NTF	NTF	1000 ug/l	200 ug/l
Carbon Tetrachloride	<0.17	<0.17	<0.17	<0.17	5 ug/l	0.5 ug/l
Chlorobenzene	<0.71	<0.71	<0.71	<0.71	NS	NS
Chloroethane	<1.3	<1.3	<1.3	<1.3	400 ug/l	80 ug/l
Chloroform	<1.3	<1.3	<1.3	<1.3	6 ug/l	0.6 ug/l
Chloromethane	<2.2	<2.2	<2.2	<2.2	3 ug/l	0.3 ug/l
Dibromochloromethane	<2.6	<2.6	<2.6	<2.6	60 ug/l	6 ug/l
1,2-Dibromo-3-chloropropane	<1.8	<1.8	<1.8	<1.8	0.2 ug/l	0.02 ug/l
1,2-Dibromomethane	<0.83	<0.83	<0.83	<0.83	NS	NS
1,1-Dichloroethane	<0.27	<0.27	<0.27	<0.27	850 ug/l	85 ug/l
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	5 ug/l	0.5 ug/l
1,1-Dichloroethene	<0.24	<0.24	<0.24	<0.24	7 ug/l	0.7 ug/l
cis-1,2-Dichloroethene	<0.27	<0.27	<0.27	<0.27	70 ug/l	7 ug/l
trans-1,2-Dichloroethene	<1.1	<1.1	<1.1	<1.1	100 ug/l	20 ug/l
1,2-Dichloropropane	<0.28	<0.28	<0.28	<0.28	5 ug/l	0.5 ug/l
Ethyl Benzene	<0.22	<0.22	<0.22	<0.22	700 ug/l	140 ug/l
2-Hexanone	NTF	NTF	NTF	NTF	NS	NS
Methylene Chloride	<0.58	<0.58	<0.58	<0.58	5 ug/l	0.5 ug/l
Methyl-tert-Butylether	<1.2	<1.2	<1.2	<1.2	60 ug/l	6 ug/l
Styrene	<0.47	<0.47	<0.47	<0.47	100 ug/l	10 ug/l
1,1,2,2-Tetrachloroethane	<0.27	<0.27	<0.27	<0.27	0.2 ug/l	0.02 ug/l
Tetrachloroethene	<0.33	<0.33	<0.33	<0.33	5 ug/l	0.5 ug/l
Toluene	<0.17	<0.17	<0.17	<0.17	1 mg/l	0.2 mg/l
1,1,1-Trichloroethane	<0.24	<0.24	<0.24	<0.24	200 ug/l	40 ug/l
1,1,2-Trichloroethane	<0.55	<0.55	<0.55	<0.55	5 ug/l	0.5 ug/l
Trichloroethene	<0.26	<0.26	<0.26	<0.26	5 ug/l	0.5 ug/l
Vinyl Chloride	<0.17	<0.17	<0.17	<0.17	0.2 ug/l	0.02 ug/l
Total Xylenes	<0.73	<0.73	<0.73	<0.73	10 mg/l	1 mg/l

VOCs reported in units of ug/l
B: Analyte detected in the associated Method Blank
J: Analyte detected below quanitiation limits
NTF: Not Tested For

CR-3 VOC Concentration



Environmental Audits, Inc. detected Chloroethane, during their June 11, 2020 sampling event, at CR-3 (77,400 ug/l). Environmental Audits, Inc. detected Chloroethane, during their March 5, 2020 sampling event, at CR-3 (82,200 ug/l). Environmental Audits, Inc. detected Chloroethane, during their October 2019 sampling event, at CR-1 (4.9 J) and CR-3 (66,100 ug/l). Environmental Audits, Inc. detected Chloroethane, during their July 30, 2019 sampling event, at CR-3 (58,700 ug/l). The s. NR 140 ES for Chloroethane was exceeded at CR-3 during the Environmental Audits, Inc. July 30, 2019, October 6, 2019, March 5, 2020, and June 11, 2020 sampling event.

Environmental Audits, Inc. detected 1,1-Dichloroethane, during their June 11, 2020 sampling event, at CR-2 (3.9 ug/l), CR-3 (55,800 ug/l). and CR-4 (0.95 J ug/l).Environmental Audits, Inc. detected 1,1-Dichloroethane, during their March 5, 2020 sampling event, at CR-1 (0.32 J ug/l), CR-2 (3.4 ug/l), CR-3 (50,900 ug/l) and CR-4 (1.5 ug/l). Environmental Audits, Inc. detected 1,1-Dichloroethane, during their October 2018 sampling event, at CR-1 (370ug/l), CR-2 (32.4 ug/l), CR-3 (51,800 ug/l),

and CR-4 (1.3 ug/l). Environmental Audits, Inc. detected 1,1-Dichloroethane, during their July 30, 2019 sampling event, at CR-1 (0.34 J ug/l), CR-2 (5.5 ug/l), CR-3 (45,100 ug/l), and CR-4 (2.5 ug/l). The s. NR 140 Enforcement Standard (ES) for 1,1-Dichloroethane is 850 ug/L; the Preventative Action Limit (PAL) is 85 ug/L. The s. NR 140 ES for 1,1-Dichloroethane was exceeded at CR- during the Environmental Audits, Inc. October 6, 2019 sampling event. The s. NR 140 ES for 1,1-Dichloroethane was exceeded at CR-3 during the Environmental Audits, Inc. July 30, 2019, October 6, 2019, March 5, 2020, and June 11, 2020 sampling event.

Environmental Audits, Inc. detected 1,2-Dichloroethane, during the October 6, 2019 sampling event, at CR-1 (1.8 J ug/l). The s. NR 140 Enforcement Standard (ES) for 1,2-Dichloroethane is 5 ug/L; the Preventative Action Limit (PAL) is 0.5 ug/L. The s. NR 140 PAL for 1,2-Dichloroethane was exceeded at CR-1 during the Environmental Audits, Inc. October 2019 sampling event.

Environmental Audits, Inc. detected 1,1-Dichloroethene, during their June 11, 2020 sampling event, at CR-3 (2,480 ug/l). Environmental Audits, Inc. detected 1,1-Dichloroethene, during their March 5, 2020 sampling event, at CR-3 (2,500 ug/l). Environmental Audits, Inc. detected 1,1-Dichloroethene, during their October 2019 sampling event, at CR1 (2.4 J ug/l), CR-2 (5.5 ug/l) and CR-3 (2,870 ug/l). Environmental Audits, Inc. detected 1,1-Dichloroethene, during their July 30, 2019 sampling event, at CR-3 (2,810 ug/l). The s. NR 140 Enforcement Standard (ES) for 1,1-Dichloroethene is 7 ug/L; the Preventative Action Limit (PAL) is 0.7 ug/L. The s. NR 140 PAL for 1,1-Dichloroethene was exceeded at CR-1 and CR-2 during the Environmental Audits, Inc. October 2019 sampling event The s. NR 140 ES for 1,1-Dichloroethene was exceeded at CR-3 during the Environmental Audits, Inc. July 30, 2019, October 6, 2019, March 5, 2020, and June 11, 2020 sampling event.

Environmental Audits, Inc. detected cis-1,2-Dichloroethene, during their October 2019 sampling event, at CR-2 (14.2 ug/l). The PAL is 7 ug/l and the ES is 70 ug/l for cis-1,2-Dichloroethene. The PAL was exceeded at CR-2 during the October 2019 sampling event.

Environmental Audits, Inc. detected 1,1,1-Trichloroethane, during their June 11, 2020 sampling event at CR-3 (8,200 ug/l). Environmental Audits, Inc. detected 1,1,1-Trichloroethane, during their March 5, 2020 sampling event at CR-3 (10,700 ug/l). Environmental Audits, Inc. detected 1,1,1-Trichloroethane, during their October 2019 sampling event at CR-1 (44 ug/l), CR-2 (98.3 ug/l), and CR-3 (15,100 ug/l). Environmental Audits, Inc. detected 1,1,1-Trichloroethane, during their July 30, 2019

sampling event at CR-3 (19,300 ug/l). The s. NR 140 ES for 1,1,1-Trichloroethane is 200 ug/L; the PAL is 40 ug/L. The s. NR 140 PAL for 1,1,1-Trichloroethane was exceeded at CR-1 and CR-2 during the Environmental Audits, Inc. October 2019 sampling event. The s. NR 140 ES for 1,1,1-Trichloroethane was exceeded at CR-3 during the Environmental Audits, Inc.

Environmental Audits, Inc. detected Trichloroethene, during their June 11, 2020 sampling event, at CR-1 (0.56 J ug/l). Environmental Audits, Inc. detected Trichloroethene, during their March 5, 2020 sampling event, at CR-1 (0.42 J ug/l). Environmental Audits, Inc. detected Trichloroethene, during their October 2019 sampling event, at CR-2 (15.6 ug/l). Environmental Audits, Inc. detected Trichloroethene, during their July 30, 2019 sampling event, at CR-1 (0.81 J ug/l). The s. NR 140 ES for Trichloroethene is 5 ug/L; the PAL is 0.5 ug/L. The PAL was exceeded at CR-1 during the Environmental Audits June 11, 2020 sampling event.

Environmental Audits, Inc. detected Vinyl Chloride, during their June 11, 2020 sampling event, at CR-3 (4,260 ug/l). Environmental Audits, Inc. detected Vinyl Chloride, during their March 5, 2020 sampling event, at CR-3 (4,390 ug/l). Environmental Audits, Inc. detected Vinyl Chloride, during their October 2019 sampling event, at CR-1 (7.5 ug/l), CR-2 (0.72 L ug/l), and CR-3 (3,090 ug/l). Environmental Audits, Inc. detected Vinyl Chloride, during their July 30, 2019 sampling event, at CR-3 3,790 ug/l). The s. NR 140 ES for Vinyl Chloride is 0.2 ug/L; the PAL is 0.02 ug/L. The s. NR 140 PAL for Vinyl Chloride was exceeded at CR-1 and CR-2 during the Environmental Audits, Inc. October 2019 sampling event. The s. NR 140 ES for Vinyl Chloride was exceeded at CR-3 during the Environmental Audits, Inc. July 30, 2019, October 6, 2019, March 5, 2020, and June 11, 2020 sampling event.

The above mentioned compounds are "daughter" compounds of 1,1,1-Trichloroethane, an indication that biological/chemical remediation may be occurring. More investigative effort is required to confirm this.

Non-halogenated compounds for which an s. NR 140 Public Health Groundwater Quality Standard ES or PAL has been established that have been detected include the following compounds:

Environmental Audits, Inc. detected Naphthalene, during their May 16, 2016 sampling event, at CR-4 (4.4 J ug/l). The PAL is 8 ug/l and the ES is 40 ug/l for Naphthalene.

Toluene was detected at CR-3 (148 J ug/l) during the October 2019 sampling event.

Toluene was detected at CR-3 (197 J ug/l) during the July 30, 2019 sampling event. The PAL is 0.2 mg/l and the ES is 1 mg/l for Toluene.

1,2,4-Trimethylbenzene was detected, during the Environmental Audits May 16, 2016 sampling event, at CR-4 (1.3 ug/l). The PAL is 7 ug/land the ES is 70 ug/l for 1,2,4-Trimethylbenzene.

DRO sampling was discontinued as a regular analytical parameter as of the 2nd Quarter 2016 groundwater analysis.

Vapor Intrusion:

A Vapor Intrusion characterization standard was added to the NR716 Site Investigation protocol as 716.05(1) during December 2010. This protocol requires all sites exhibiting VOC/CVOC contamination to conduct a testing program to identify and quantify levels of VOC/CVOC vapors present in the subsurface soils and above surface ambient air. The intent of this new requirement is to prevent exposures that negatively impact human health in terms of excess risk per USEPA and Center for Disease Control (CDC) standards.

As a result of this new legislation, a Vapor Intrusion monitoring program must be implemented in order to obtain Site Closure.

The United States Environmental Protection Agency (USEPA) guidance "OSWER Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance)" EPA530-D-02-004, dated November 2002 and the State of Wisconsin Department of Health and Family Services (WI DHFS) Division of Public Health guidance "Chemical Vapor Intrusion and Residential Indoor Air Guidance for Environmental Consultants and Contractors" dated February 13, 2003 were utilized for the evaluation of the Vapor Intrusion Pathway

To that end, Environmental Audits, Inc. placed thirty-two (32) discrete sub-slab sampling ports around and about the Twin Disc, Inc. Plant 3 facility. These sub-slab sampling ports were sampled commencing March 28, 2012 with the latest sub-slab sampling event occurring July 27, 2017.

The OSWER Draft Guidance recommends that an inhabited building generally be considered "near" subsurface contaminants if it is located within approximately 100 ft laterally or vertically of known or interpolated soil gas or groundwater contaminants.[1] The OSWER Draft Guidance states "Petroleum hydrocarbons biodegrade relatively well in unsaturated soils. Therefore, petroleum-related VOCs generally have to be in "free product" state or groundwater very near, if not in contact with, the building foundation to result in vapor intrusion. In contrast, chlorinated solvents undergo limited biodegradation and can cause a vapor intrusion concern even when the source is a long distance away."[2]

No residences are located within 100 feet of the building proper and therefore an off-site sub-slab Vapor Intrusion investigation would not appear warranted for this Site.

The sub-slab investigation conducted to date has indicated the presence of Volatile Organic compounds beneath the Twin Disc, Inc. Plant 3 facility. Additional investigative effort is warranted to further identify the effects of seasonality on the detected compounds. Additional sample ports are warranted in the Twin Disc, Inc. Plant 3 Engineering and Human Resource offices to confirm or refute the presence of Volatile Organic Compounds in the theoretical plume beneath these office areas.

The complete summary of the Vapor Intrusion findings to date will be included as a standalone document.

Conclusions:

The Site Investigation revealed that the contamination is contained in the soils and groundwater immediately around and about the Tramp Coolant Collection Sump. There is no evidence, from the soil and groundwater investigations conducted to date, that groundwater contamination has migrated off site. No additional groundwater monitoring wells appear to be required to optimize monitoring for a natural attenuation groundwater remedy.

Specific Interim Actions undertaken by Twin Disc, Inc. include the following:

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1 *OSWER Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance)"* EPA530-D-02-004, dated November 2002, Page 16

2 *OSWER Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance)"* EPA530-D-02-004, dated November 2002, Page 16

s. NR 708.05(l), the measuring for the presence of free product, visually or through field samples or other appropriate methods. Product level readings are being taken in the monitoring wells utilizing a MMC Oil-Water Interface Detector. These readings are being taken periodically and recorded.

s. NR 708.11(2)(c), extracting free product, leachate or groundwater to restrict migration of a contaminate plume. Free product has been removed from CR-3 through the utilization of a mechanical pump commencing during Fall 2013.

A "French Drain" system was installed, during June 2009, in order to enhance the recovery of tramp coolant present in the surficial groundwater. This "French Drain" system is connected to the existing Tramp Coolant Collection Sump enabling collection and off-site treatment.

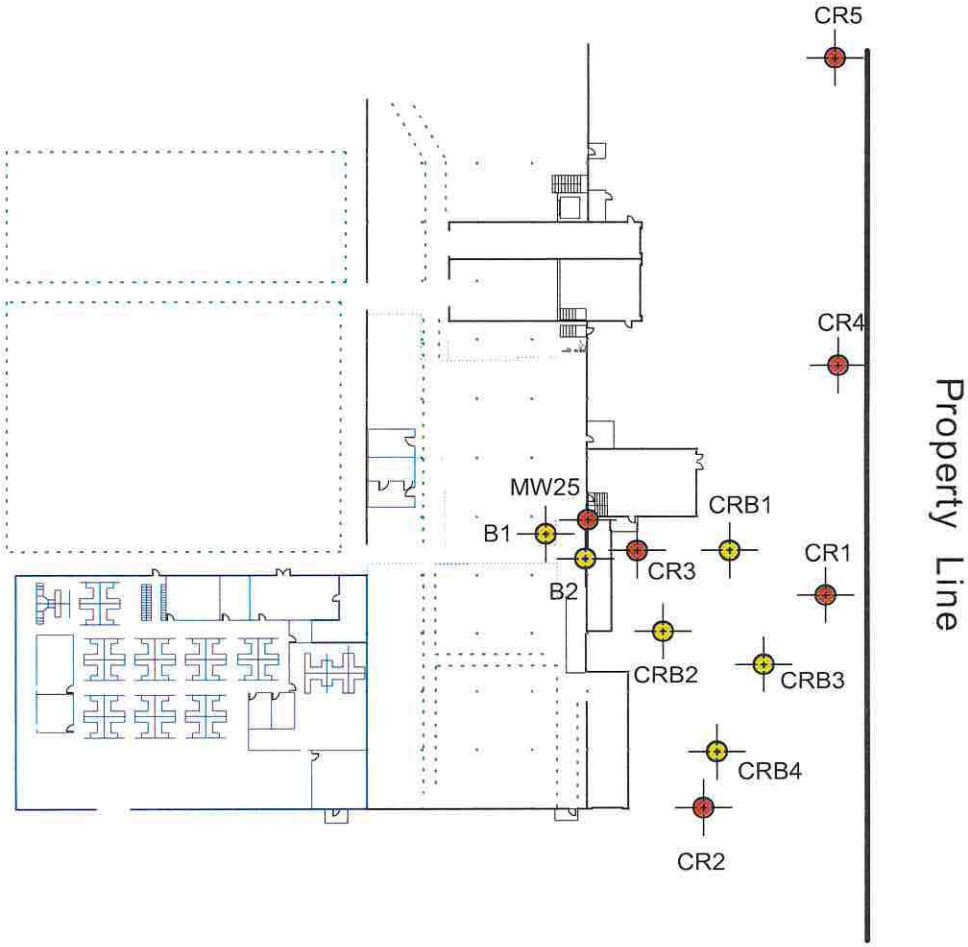
Recommendations:

The primary contamination pathway of concern is the surficial groundwater pathway. The Environmental Audits' groundwater samplings indicate that several s. NR 140 Public Health Enforcement Standards and Preventative Action Limits are exceeded.

It is recommended that the five (5) monitoring wells continue to be sampled quarterly for USEPA Method 8260 Volatile Organic Compounds.

The next groundwater-sampling round will occur during the 3rd Quarter 2020.

The objective is to provide effective remediation of the site in both a practical and cost efficient manner.



N
W E
S

Not To Scale

Monitoring Well Locations

Geoprobe Locations

Twin Disc, Inc.
Coolant Release
Plant 3 - Level 1

Drawn on 05/03/03

Environmental Audits technical management group
120 Bishops Way ▪ Suite 130 ▪ Brookfield, WI ▪ 53005
Phone: 262.785.9322 ▪ Fax: 262.785.9323

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

Mann-Kendall Statistical Test
Form 4400-215 (2/2001)

Notice: This form is the DNR supplied spreadsheet referenced in Appendices A of Comm 46 and NR 746, Wis. Adm. Code. It is provided to consultants as an optional tool for groundwater contaminant trend analysis to support site closure requests under s. Comm 46.07, Comm 46.08, NR 746.07, NR 746.08, Wis. Adm. Code. Use this form or a manual method when seeking case closure under those rules. Earlier versions of this form should not be used.

Instructions: Do not change formulas or other information in cells with a blue background, only cells with a yellow background are used for data entry. To use the spreadsheet, provide at least four rounds and not more than ten rounds of data that is not seasonally affected. Use consistent units. The spreadsheet contains several error checks, and a data entry error may cause "DATA ERR" or "DATE ERR" to be displayed. Dates that are not consecutive will show an error message and will not display the test results. The spreadsheet tests the data for both increasing and decreasing trends at both 80 percent and 90 percent confidence levels. If a declining trend is present at 80 percent but not at 90 percent, a site is still eligible for closure under Comm 46 and NR 746 provided that other conditions in those rules are met. If an increasing or decreasing trend is not present, an additional coefficient of variation test is used to test for stability, as proposed by Wiedemeier et al, 1999. For additional information, refer to the Interim Guidance on Natural Attenuation for Petroleum Releases, dated October 1999. Refer to the guidance for recommendations on data entry for non-detect values.

Site Name = Twin Disc Plant 3				BRRTS No. = 02-52-378657		Well Number = CR-3	
	Compound ->	DRO	1,1-DCA	1,1-DCE	1,1,1-TCA	VC	Total VOC
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	14-Mar-18		60,800.00	2,360.00	18,400.00	3,810.00	111,630.00
2	15-May-18		80,400.00	2,730.00	13,600.00	4,030.00	146,474.00
3	4-Sep-18		71,900.00	1,130.00		5,380.00	141,804.00
4	9-Oct-18		55,600.00	2,300.00	17,400.00	3,090.00	111,904.00
5	5-Feb-19		81,800.00	2,500.00	12,600.00	6,090.00	175,904.00
6	23-Apr-19		55,800.00	2,710.00	16,000.00	3,970.00	133,880.00
7	30-Jul-19		45,100.00	2,810.00	19,300.00	3,790.00	129,897.00
8	16-Oct-19		51,800.00	2,870.00	15,100.00	4,050.00	140,068.00
9	5-Mar-20		51,100.00	2,500.00	10,700.00	4,390.00	150,890.00
10	11-Jun-20		50,900.00	2,480.00	8,200.00	4,260.00	143,240.00
	Mann Kendall Statistic (S) =	0.0	-25.0	12.0	-16.0	9.0	11.0
	Number of Rounds (n) =	0	10	10	9	10	10
	Average =	#DIV/0!	60520.00	2439.00	14588.89	4286.00	138569.10
	Standard Deviation =	#DIV/0!	12992.374	497.738	3669.961	855.495	18787.262
	Coefficient of Variation(CV)=	#DIV/0!	0.215	0.204	0.252	0.200	0.136
Error Check, Blank if No Errors Detected		n<4					
Trend ≥ 80% Confidence Level		n<4	DECREASING	INCREASING	DECREASING	No Trend	INCREASING
Trend ≥ 90% Confidence Level		n<4	DECREASING	No Trend	DECREASING	No Trend	No Trend
Stability Test, If No Trend Exists at 80% Confidence Level		n<4 n<4	NA	NA	NA	CV <= 1 STABLE	NA
	Data Entry By = EER		Date = 7-Aug-19		Checked By = EER		

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

Mann-Kendall Statistical Test
Form 4400-215 (2/2001)

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Site Name =	Twin Disc Plant 3			BRRTS No. =	02-52-378657	Well Number =	CR-1
	Compound ->	DRO	Total VOC				
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	17-Oct-17						
2	14-Mar-18		0.32				
3	15-May-18		0.38				
4	4-Sep-18		0.31				
5	9-Oct-18		0.91				
6	23-Apr-19		0.48				
7	30-Jul-19		1.15				
8	6-Oct-19		430.60				
9	5-Mar-20		0.42				
10	11-Jun-20		0.88				
	Mann Kendall Statistic (S) =	0.0	16.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	0	9	0	0	0	0
	Average =	#DIV/0!	48.38	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	#DIV/0!	143.332	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	#DIV/0!	2.962	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected		n<4		n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		n<4	INCREASING	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		n<4	INCREASING	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at		n<4		n<4	n<4	n<4	n<4
80% Confidence Level		n<4	NA	n<4	n<4	n<4	n<4

Data Entry By =	EER	Date =	7-Aug-19	Checked By =	EER

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

Mann-Kendall Statistical Test
Form 4400-215 (2/2001)

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Site Name =	Twin Disc Plant 3			BRRTS No. =	02-52-378657	Well Number =	CR-2
	Compound ->	DRO	Total VOC				
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	17-Oct-17		3.20				
2	12-Mar-18		3.00				
3	15-May-18		2.90				
4	4-Sep-18		3.60				
5	9-Oct-18		7.50				
6	23-Apr-19		3.90				
7	6-Jul-19		5.50				
8	11-Oct-19		166.90				
9	5-Mar-20		5.40				
10	11-Jun-20		3.40				
	Mann Kendall Statistic (S) =	0.0	17.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	0	10	0	0	0	0
	Average =	#DIV/0!	20.53	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	#DIV/0!	51.450	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	#DIV/0!	2.506	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected		n<4		n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		n<4	INCREASING	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		n<4	INCREASING	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		n<4 n<4	NA	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4

Data Entry By =	EER	Date =	17-Oct-18	Checked By =	EER

Pace Analytical®
www.pacelabs.com

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

March 11, 2020

John Ruetz
Environmental Audits Inc
11327 W Lincoln Ave
West Allis, WI 53227

RE: Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

Dear John Ruetz:
Enclosed are the analytical results for sample(s) received by the laboratory on March 07, 2020. 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,

Dan Milewsky

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Ed Raymond, Environmental Audits, Inc
Steve Tiber, Environmental Audits Inc.
Stephanie Wagner, Environmental Audits, Inc.

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40204399001	CR1	Water	03/05/20 14:00	03/07/20 08:45
40204399002	CR2	Water	03/05/20 14:00	03/07/20 08:45
40204399003	CR3	Water	03/05/20 14:00	03/07/20 08:45
40204399004	CR4	Water	03/05/20 14:00	03/07/20 08:45
40204399005	CR5	Water	03/05/20 14:00	03/07/20 08:45

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Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40204399001	**CR1**	EPA 8260	LAP	64
40204399002	**CR2**	EPA 8260	LAP	64
40204399003	**CR3**	EPA 8260	LAP	64
40204399004	**CR4**	EPA 8260	LAP	64
40204399005	**CR5**	EPA 8260	LAP	64

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

ANALYTICAL RESULTS

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

Sample: CR1 **Lab ID: 40204399001** Collected: 03/05/20 14:00 Received: 03/07/20 08:45 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		03/10/20 11:41	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		03/10/20 11:41	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		03/10/20 11:41	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		03/10/20 11:41	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		03/10/20 11:41	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		03/10/20 11:41	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		03/10/20 11:41	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		03/10/20 11:41	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		03/10/20 11:41	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		03/10/20 11:41	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		03/10/20 11:41	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		03/10/20 11:41	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		03/10/20 11:41	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		03/10/20 11:41	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		03/10/20 11:41	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		03/10/20 11:41	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		03/10/20 11:41	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		03/10/20 11:41	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		03/10/20 11:41	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		03/10/20 11:41	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		03/10/20 11:41	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		03/10/20 11:41	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		03/10/20 11:41	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		03/10/20 11:41	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		03/10/20 11:41	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		03/10/20 11:41	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		03/10/20 11:41	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		03/10/20 11:41	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		03/10/20 11:41	74-83-9	
Carbon tetrachloride	**<1.6**	ug/L	5.5	1.6	1		03/10/20 11:41	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		03/10/20 11:41	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		03/10/20 11:41	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		03/10/20 11:41	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		03/10/20 11:41	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		03/10/20 11:41	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		03/10/20 11:41	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		03/10/20 11:41	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		03/10/20 11:41	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		03/10/20 11:41	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		03/10/20 11:41	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		03/10/20 11:41	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		03/10/20 11:41	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		03/10/20 11:41	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		03/10/20 11:41	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		03/10/20 11:41	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		03/10/20 11:41	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

Sample: CR1 **Lab ID: 40204399001** Collected: 03/05/20 14:00 Received: 03/07/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.27**	ug/L	0.90	0.27	1		03/10/20 11:41	108-88-3	
Trichloroethene	**0.42J**	ug/L	1.0	0.26	1		03/10/20 11:41	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		03/10/20 11:41	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		03/10/20 11:41	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		03/10/20 11:41	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		03/10/20 11:41	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		03/10/20 11:41	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		03/10/20 11:41	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		03/10/20 11:41	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		03/10/20 11:41	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		03/10/20 11:41	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		03/10/20 11:41	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		03/10/20 11:41	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		03/10/20 11:41	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		03/10/20 11:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/10/20 11:41	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		03/10/20 11:41	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		03/10/20 11:41	2037-26-5	

Sample: CR2 **Lab ID: 40204399002** Collected: 03/05/20 14:00 Received: 03/07/20 08:45 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		03/10/20 14:21	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		03/10/20 14:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		03/10/20 14:21	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		03/10/20 14:21	79-00-5	
1,1-Dichloroethane	**5.4**	ug/L	1.0	0.27	1		03/10/20 14:21	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		03/10/20 14:21	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		03/10/20 14:21	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		03/10/20 14:21	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		03/10/20 14:21	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		03/10/20 14:21	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		03/10/20 14:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		03/10/20 14:21	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		03/10/20 14:21	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		03/10/20 14:21	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		03/10/20 14:21	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		03/10/20 14:21	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		03/10/20 14:21	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		03/10/20 14:21	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		03/10/20 14:21	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

Sample: CR2 **Lab ID: 40204399002** Collected: 03/05/20 14:00 Received: 03/07/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		03/10/20 14:21	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		03/10/20 14:21	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		03/10/20 14:21	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		03/10/20 14:21	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		03/10/20 14:21	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		03/10/20 14:21	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		03/10/20 14:21	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		03/10/20 14:21	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		03/10/20 14:21	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		03/10/20 14:21	74-83-9	
Carbon tetrachloride	**<1.6**	ug/L	5.5	1.6	1		03/10/20 14:21	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		03/10/20 14:21	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		03/10/20 14:21	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		03/10/20 14:21	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		03/10/20 14:21	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		03/10/20 14:21	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		03/10/20 14:21	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		03/10/20 14:21	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		03/10/20 14:21	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		03/10/20 14:21	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		03/10/20 14:21	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		03/10/20 14:21	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		03/10/20 14:21	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		03/10/20 14:21	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		03/10/20 14:21	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		03/10/20 14:21	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		03/10/20 14:21	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		03/10/20 14:21	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		03/10/20 14:21	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		03/10/20 14:21	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		03/10/20 14:21	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		03/10/20 14:21	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		03/10/20 14:21	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		03/10/20 14:21	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		03/10/20 14:21	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		03/10/20 14:21	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		03/10/20 14:21	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		03/10/20 14:21	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		03/10/20 14:21	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		03/10/20 14:21	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		03/10/20 14:21	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		03/10/20 14:21	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/10/20 14:21	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		03/10/20 14:21	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		03/10/20 14:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

Sample: CR3 **Lab ID: 40204399003** Collected: 03/05/20 14:00 Received: 03/07/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<135**	ug/L	500	135	500		03/10/20 18:34	630-20-6	
1,1,1-Trichloroethane	**10700**	ug/L	500	122	500		03/10/20 18:34	71-55-6	
1,1,2,2-Tetrachloroethane	**<138**	ug/L	500	138	500		03/10/20 18:34	79-34-5	
1,1,2-Trichloroethane	**<276**	ug/L	2500	276	500		03/10/20 18:34	79-00-5	
1,1-Dichloroethane	**51100**	ug/L	500	136	500		03/10/20 18:34	75-34-3	
1,1-Dichloroethene	**2500**	ug/L	500	122	500		03/10/20 18:34	75-35-4	
1,1-Dichloropropene	**<270**	ug/L	900	270	500		03/10/20 18:34	563-58-6	
1,2,3-Trichlorobenzene	**<1110**	ug/L	3680	1110	500		03/10/20 18:34	87-61-6	
1,2,3-Trichloropropane	**<295**	ug/L	2500	295	500		03/10/20 18:34	96-18-4	
1,2,4-Trichlorobenzene	**<476**	ug/L	2500	476	500		03/10/20 18:34	120-82-1	
1,2,4-Trimethylbenzene	**<420**	ug/L	1400	420	500		03/10/20 18:34	95-63-6	
1,2-Dibromo-3-chloropropane	**<882**	ug/L	2940	882	500		03/10/20 18:34	96-12-8	
1,2-Dibromoethane (EDB)	**<415**	ug/L	1380	415	500		03/10/20 18:34	106-93-4	
1,2-Dichlorobenzene	**<353**	ug/L	1180	353	500		03/10/20 18:34	95-50-1	
1,2-Dichloroethane	**<140**	ug/L	500	140	500		03/10/20 18:34	107-06-2	
1,2-Dichloropropane	**<141**	ug/L	500	141	500		03/10/20 18:34	78-87-5	
1,3,5-Trimethylbenzene	**<437**	ug/L	1460	437	500		03/10/20 18:34	108-67-8	
1,3-Dichlorobenzene	**<314**	ug/L	1050	314	500		03/10/20 18:34	541-73-1	
1,3-Dichloropropane	**<413**	ug/L	1380	413	500		03/10/20 18:34	142-28-9	
1,4-Dichlorobenzene	**<472**	ug/L	1570	472	500		03/10/20 18:34	106-46-7	
2,2-Dichloropropane	**<1130**	ug/L	3780	1130	500		03/10/20 18:34	594-20-7	
2-Chlorotoluene	**<463**	ug/L	2500	463	500		03/10/20 18:34	95-49-8	
4-Chlorotoluene	**<378**	ug/L	1260	378	500		03/10/20 18:34	106-43-4	
Benzene	**<123**	ug/L	500	123	500		03/10/20 18:34	71-43-2	
Bromobenzene	**<121**	ug/L	500	121	500		03/10/20 18:34	108-86-1	
Bromochloromethane	**<181**	ug/L	2500	181	500		03/10/20 18:34	74-97-5	
Bromodichloromethane	**<182**	ug/L	606	182	500		03/10/20 18:34	75-27-4	
Bromoform	**<1990**	ug/L	6620	1990	500		03/10/20 18:34	75-25-2	
Bromomethane	**<486**	ug/L	2500	486	500		03/10/20 18:34	74-83-9	
Carbon tetrachloride	**<818**	ug/L	2730	818	500		03/10/20 18:34	56-23-5	
Chlorobenzene	**<355**	ug/L	1180	355	500		03/10/20 18:34	108-90-7	
Chloroethane	**82200**	ug/L	2500	671	500		03/10/20 18:34	75-00-3	
Chloroform	**<637**	ug/L	2500	637	500		03/10/20 18:34	67-66-3	
Chloromethane	**<1090**	ug/L	3650	1090	500		03/10/20 18:34	74-87-3	
Dibromochloromethane	**<1300**	ug/L	4340	1300	500		03/10/20 18:34	124-48-1	
Dibromomethane	**<468**	ug/L	1560	468	500		03/10/20 18:34	74-95-3	
Dichlorodifluoromethane	**<250**	ug/L	2500	250	500		03/10/20 18:34	75-71-8	
Diisopropyl ether	**<944**	ug/L	3150	944	500		03/10/20 18:34	108-20-3	
Ethylbenzene	**<159**	ug/L	531	159	500		03/10/20 18:34	100-41-4	
Hexachloro-1,3-butadiene	**<731**	ug/L	2440	731	500		03/10/20 18:34	87-68-3	
Isopropylbenzene (Cumene)	**<843**	ug/L	2810	843	500		03/10/20 18:34	98-82-8	
Methyl-tert-butyl ether	**<623**	ug/L	2080	623	500		03/10/20 18:34	1634-04-4	
Methylene Chloride	**<290**	ug/L	2500	290	500		03/10/20 18:34	75-09-2	
Naphthalene	**<588**	ug/L	2500	588	500		03/10/20 18:34	91-20-3	
Styrene	**<1500**	ug/L	5020	1500	500		03/10/20 18:34	100-42-5	
Tetrachloroethene	**<163**	ug/L	544	163	500		03/10/20 18:34	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

Sample: CR3 **Lab ID: 40204399003** Collected: 03/05/20 14:00 Received: 03/07/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<135**	ug/L	449	135	500		03/10/20 18:34	108-88-3	
Trichloroethene	**<128**	ug/L	500	128	500		03/10/20 18:34	79-01-6	
Trichlorofluoromethane	**<107**	ug/L	500	107	500		03/10/20 18:34	75-69-4	
Vinyl chloride	**4390**	ug/L	500	87.3	500		03/10/20 18:34	75-01-4	
cis-1,2-Dichloroethene	**<136**	ug/L	500	136	500		03/10/20 18:34	156-59-2	
cis-1,3-Dichloropropene	**<1810**	ug/L	6050	1810	500		03/10/20 18:34	10061-01-5	
m&p-Xylene	**<233**	ug/L	1000	233	500		03/10/20 18:34	179601-23-1	
n-Butylbenzene	**<354**	ug/L	1180	354	500		03/10/20 18:34	104-51-8	
n-Propylbenzene	**<405**	ug/L	2500	405	500		03/10/20 18:34	103-65-1	
o-Xylene	**<131**	ug/L	500	131	500		03/10/20 18:34	95-47-6	
p-Isopropyltoluene	**<400**	ug/L	1330	400	500		03/10/20 18:34	99-87-6	
sec-Butylbenzene	**<424**	ug/L	2500	424	500		03/10/20 18:34	135-98-8	
tert-Butylbenzene	**<152**	ug/L	506	152	500		03/10/20 18:34	98-06-6	
trans-1,2-Dichloroethene	**<545**	ug/L	1820	545	500		03/10/20 18:34	156-60-5	
trans-1,3-Dichloropropene	**<2190**	ug/L	7280	2190	500		03/10/20 18:34	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		500		03/10/20 18:34	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		500		03/10/20 18:34	1868-53-7	
Toluene-d8 (S)	95	%	70-130		500		03/10/20 18:34	2037-26-5	

Sample: CR4 **Lab ID: 40204399004** Collected: 03/05/20 14:00 Received: 03/07/20 08:45 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		03/10/20 12:04	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		03/10/20 12:04	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		03/10/20 12:04	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		03/10/20 12:04	79-00-5	
1,1-Dichloroethane	**1.1**	ug/L	1.0	0.27	1		03/10/20 12:04	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		03/10/20 12:04	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		03/10/20 12:04	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		03/10/20 12:04	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		03/10/20 12:04	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		03/10/20 12:04	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		03/10/20 12:04	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		03/10/20 12:04	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		03/10/20 12:04	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		03/10/20 12:04	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		03/10/20 12:04	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		03/10/20 12:04	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		03/10/20 12:04	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		03/10/20 12:04	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		03/10/20 12:04	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

Sample: CR4 **Lab ID: 40204399004** Collected: 03/05/20 14:00 Received: 03/07/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		03/10/20 12:04	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		03/10/20 12:04	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		03/10/20 12:04	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		03/10/20 12:04	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		03/10/20 12:04	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		03/10/20 12:04	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		03/10/20 12:04	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		03/10/20 12:04	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		03/10/20 12:04	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		03/10/20 12:04	74-83-9	
Carbon tetrachloride	**<1.6**	ug/L	5.5	1.6	1		03/10/20 12:04	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		03/10/20 12:04	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		03/10/20 12:04	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		03/10/20 12:04	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		03/10/20 12:04	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		03/10/20 12:04	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		03/10/20 12:04	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		03/10/20 12:04	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		03/10/20 12:04	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		03/10/20 12:04	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		03/10/20 12:04	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		03/10/20 12:04	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		03/10/20 12:04	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		03/10/20 12:04	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		03/10/20 12:04	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		03/10/20 12:04	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		03/10/20 12:04	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		03/10/20 12:04	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		03/10/20 12:04	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		03/10/20 12:04	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		03/10/20 12:04	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		03/10/20 12:04	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		03/10/20 12:04	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		03/10/20 12:04	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		03/10/20 12:04	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		03/10/20 12:04	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		03/10/20 12:04	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		03/10/20 12:04	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		03/10/20 12:04	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		03/10/20 12:04	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		03/10/20 12:04	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		03/10/20 12:04	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/10/20 12:04	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		03/10/20 12:04	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		03/10/20 12:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

Sample: CR5 **Lab ID: 40204399005** Collected: 03/05/20 14:00 Received: 03/07/20 08:45 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		03/10/20 12:28	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		03/10/20 12:28	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		03/10/20 12:28	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		03/10/20 12:28	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		03/10/20 12:28	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		03/10/20 12:28	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		03/10/20 12:28	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		03/10/20 12:28	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		03/10/20 12:28	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		03/10/20 12:28	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		03/10/20 12:28	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		03/10/20 12:28	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		03/10/20 12:28	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		03/10/20 12:28	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		03/10/20 12:28	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		03/10/20 12:28	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		03/10/20 12:28	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		03/10/20 12:28	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		03/10/20 12:28	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		03/10/20 12:28	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		03/10/20 12:28	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		03/10/20 12:28	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		03/10/20 12:28	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		03/10/20 12:28	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		03/10/20 12:28	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		03/10/20 12:28	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		03/10/20 12:28	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		03/10/20 12:28	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		03/10/20 12:28	74-83-9	
Carbon tetrachloride	**<1.6**	ug/L	5.5	1.6	1		03/10/20 12:28	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		03/10/20 12:28	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		03/10/20 12:28	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		03/10/20 12:28	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		03/10/20 12:28	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		03/10/20 12:28	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		03/10/20 12:28	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		03/10/20 12:28	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		03/10/20 12:28	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		03/10/20 12:28	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		03/10/20 12:28	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		03/10/20 12:28	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		03/10/20 12:28	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		03/10/20 12:28	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		03/10/20 12:28	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		03/10/20 12:28	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		03/10/20 12:28	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

Sample: CR5 **Lab ID: 40204399005** Collected: 03/05/20 14:00 Received: 03/07/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.27**	ug/L	0.90	0.27	1		03/10/20 12:28	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		03/10/20 12:28	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		03/10/20 12:28	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		03/10/20 12:28	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		03/10/20 12:28	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		03/10/20 12:28	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		03/10/20 12:28	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		03/10/20 12:28	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		03/10/20 12:28	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		03/10/20 12:28	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		03/10/20 12:28	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		03/10/20 12:28	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		03/10/20 12:28	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		03/10/20 12:28	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		03/10/20 12:28	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/10/20 12:28	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		03/10/20 12:28	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		03/10/20 12:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical®
www.pacelabs.com

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

QUALITY CONTROL DATA

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

QC Batch: 349471 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40204399001, 40204399002, 40204399003, 40204399004, 40204399005

METHOD BLANK: 2024930 Matrix: Water
Associated Lab Samples: 40204399001, 40204399002, 40204399003, 40204399004, 40204399005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	03/10/20 07:43	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	03/10/20 07:43	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	03/10/20 07:43	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	03/10/20 07:43	
1,1-Dichloroethane	ug/L	<0.27	1.0	03/10/20 07:43	
1,1-Dichloroethene	ug/L	<0.24	1.0	03/10/20 07:43	
1,1-Dichloropropene	ug/L	<0.54	1.8	03/10/20 07:43	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	03/10/20 07:43	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	03/10/20 07:43	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	03/10/20 07:43	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	03/10/20 07:43	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	03/10/20 07:43	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	03/10/20 07:43	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	03/10/20 07:43	
1,2-Dichloroethane	ug/L	<0.28	1.0	03/10/20 07:43	
1,2-Dichloropropane	ug/L	<0.28	1.0	03/10/20 07:43	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	03/10/20 07:43	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	03/10/20 07:43	
1,3-Dichloropropane	ug/L	<0.83	2.8	03/10/20 07:43	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	03/10/20 07:43	
2,2-Dichloropropane	ug/L	<2.3	7.6	03/10/20 07:43	
2-Chlorotoluene	ug/L	<0.93	5.0	03/10/20 07:43	
4-Chlorotoluene	ug/L	<0.76	2.5	03/10/20 07:43	
Benzene	ug/L	<0.25	1.0	03/10/20 07:43	
Bromobenzene	ug/L	<0.24	1.0	03/10/20 07:43	
Bromochloromethane	ug/L	<0.36	5.0	03/10/20 07:43	
Bromodichloromethane	ug/L	<0.36	1.2	03/10/20 07:43	
Bromoform	ug/L	<4.0	13.2	03/10/20 07:43	
Bromomethane	ug/L	<0.97	5.0	03/10/20 07:43	
Carbon tetrachloride	ug/L	<1.6	5.5	03/10/20 07:43	
Chlorobenzene	ug/L	<0.71	2.4	03/10/20 07:43	
Chloroethane	ug/L	<1.3	5.0	03/10/20 07:43	
Chloroform	ug/L	<1.3	5.0	03/10/20 07:43	
Chloromethane	ug/L	<2.2	7.3	03/10/20 07:43	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	03/10/20 07:43	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	03/10/20 07:43	
Dibromochloromethane	ug/L	<2.6	8.7	03/10/20 07:43	
Dibromomethane	ug/L	<0.94	3.1	03/10/20 07:43	
Dichlorodifluoromethane	ug/L	<0.50	5.0	03/10/20 07:43	
Diisopropyl ether	ug/L	<1.9	6.3	03/10/20 07:43	
Ethylbenzene	ug/L	<0.32	1.1	03/10/20 07:43	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

METHOD BLANK: 2024930 Matrix: Water
Associated Lab Samples: 40204399001, 40204399002, 40204399003, 40204399004, 40204399005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	03/10/20 07:43	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	03/10/20 07:43	
m&p-Xylene	ug/L	<0.47	2.0	03/10/20 07:43	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	03/10/20 07:43	
Methylene Chloride	ug/L	<0.58	5.0	03/10/20 07:43	
n-Butylbenzene	ug/L	<0.71	2.4	03/10/20 07:43	
n-Propylbenzene	ug/L	<0.81	5.0	03/10/20 07:43	
Naphthalene	ug/L	<1.2	5.0	03/10/20 07:43	
o-Xylene	ug/L	<0.26	1.0	03/10/20 07:43	
p-Isopropyltoluene	ug/L	<0.80	2.7	03/10/20 07:43	
sec-Butylbenzene	ug/L	<0.85	5.0	03/10/20 07:43	
Styrene	ug/L	<3.0	10.0	03/10/20 07:43	
tert-Butylbenzene	ug/L	<0.30	1.0	03/10/20 07:43	
Tetrachloroethene	ug/L	<0.33	1.1	03/10/20 07:43	
Toluene	ug/L	<0.27	0.90	03/10/20 07:43	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	03/10/20 07:43	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	03/10/20 07:43	
Trichloroethene	ug/L	<0.26	1.0	03/10/20 07:43	
Trichlorofluoromethane	ug/L	<0.21	1.0	03/10/20 07:43	
Vinyl chloride	ug/L	<0.17	1.0	03/10/20 07:43	
4-Bromofluorobenzene (S)	%	100	70-130	03/10/20 07:43	
Dibromofluoromethane (S)	%	95	70-130	03/10/20 07:43	
Toluene-d8 (S)	%	95	70-130	03/10/20 07:43	

LABORATORY CONTROL SAMPLE: 2024931

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.3	113	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	45.6	91	70-130	
1,1,2-Trichloroethane	ug/L	50	48.3	97	70-130	
1,1-Dichloroethane	ug/L	50	52.5	105	73-150	
1,1-Dichloroethene	ug/L	50	51.0	102	73-138	
1,2,4-Trichlorobenzene	ug/L	50	42.0	84	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	40.4	81	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	47.8	96	70-130	
1,2-Dichlorobenzene	ug/L	50	47.1	94	70-130	
1,2-Dichloroethane	ug/L	50	48.9	98	75-140	
1,2-Dichloropropane	ug/L	50	52.1	104	73-135	
1,3-Dichlorobenzene	ug/L	50	47.3	95	70-130	
1,4-Dichlorobenzene	ug/L	50	47.0	94	70-130	
Benzene	ug/L	50	52.4	105	70-130	
Bromodichloromethane	ug/L	50	51.7	103	70-130	
Bromoform	ug/L	50	44.5	89	68-129	
Bromomethane	ug/L	50	39.7	79	18-159	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

LABORATORY CONTROL SAMPLE: 2024931

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	57.1	114	70-130	
Chlorobenzene	ug/L	50	52.3	105	70-130	
Chloroethane	ug/L	50	51.6	103	53-147	
Chloroform	ug/L	50	51.2	102	74-136	
Chloromethane	ug/L	50	46.1	92	29-115	
cis-1,2-Dichloroethene	ug/L	50	52.6	105	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.0	100	70-130	
Dibromochloromethane	ug/L	50	50.7	101	70-130	
Dichlorodifluoromethane	ug/L	50	41.1	82	10-130	
Ethylbenzene	ug/L	50	54.5	109	80-124	
Isopropylbenzene (Cumene)	ug/L	50	56.0	112	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	47.1	94	54-137	
Methylene Chloride	ug/L	50	52.5	105	73-138	
o-Xylene	ug/L	50	54.7	109	70-130	
Styrene	ug/L	50	56.3	113	70-130	
Tetrachloroethene	ug/L	50	52.2	104	70-130	
Toluene	ug/L	50	50.4	101	80-126	
trans-1,2-Dichloroethene	ug/L	50	51.6	103	73-145	
trans-1,3-Dichloropropene	ug/L	50	47.9	96	70-130	
Trichloroethene	ug/L	50	55.2	110	70-130	
Trichlorofluoromethane	ug/L	50	63.8	128	76-147	
Vinyl chloride	ug/L	50	47.6	95	51-120	
4-Bromofluorobenzene (S)	%			105	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2025211 2025212

Parameter	Units	40204399001 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	<0.24	50	50	56.0	54.5	112	109	70-130	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	49.5	46.6	99	93	70-130	6	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	47.6	49.3	95	99	70-137	4	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	53.0	52.5	106	105	73-153	1	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	51.1	52.1	102	104	73-138	2	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	41.1	41.0	82	82	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	45.0	43.1	90	86	58-129	4	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	48.8	48.4	98	97	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	47.1	46.7	94	93	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	50.5	48.8	101	98	75-140	4	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	54.4	50.6	109	101	71-138	7	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	49.1	47.6	98	95	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	46.8	46.6	94	93	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2025211 2025212

Parameter	Units	40204399001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.25	50	50	52.9	52.3	106	105	70-130	1	20	
Bromodichloromethane	ug/L	<0.36	50	50	52.9	50.1	106	100	70-130	5	20	
Bromoform	ug/L	<4.0	50	50	45.4	44.3	91	89	68-129	2	20	
Bromomethane	ug/L	<0.97	50	50	45.5	45.0	91	90	15-170	1	20	
Carbon tetrachloride	ug/L	<1.6	50	50	58.2	56.7	116	113	70-130	3	20	
Chlorobenzene	ug/L	<0.71	50	50	51.7	52.1	103	104	70-130	1	20	
Chloroethane	ug/L	<1.3	50	50	52.1	52.6	104	105	51-148	1	20	
Chloroform	ug/L	<1.3	50	50	51.6	51.4	103	103	74-136	0	20	
Chloromethane	ug/L	<2.2	50	50	47.5	46.3	95	93	23-115	2	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	52.7	51.9	105	104	70-131	2	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	52.6	50.0	105	100	70-130	5	20	
Dibromochloromethane	ug/L	<2.6	50	50	49.9	51.0	100	102	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	40.3	41.1	81	82	10-132	2	20	
Ethylbenzene	ug/L	<0.32	50	50	53.5	53.7	107	107	80-125	0	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	54.3	54.6	109	109	70-130	1	20	
m&p-Xylene	ug/L	<0.47	100	100	107	108	107	108	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	49.9	49.3	100	99	51-145	1	20	
Methylene Chloride	ug/L	<0.58	50	50	52.7	49.8	105	100	73-140	6	20	
o-Xylene	ug/L	<0.26	50	50	53.2	53.5	106	107	70-130	1	20	
Styrene	ug/L	<3.0	50	50	54.3	55.6	109	111	70-130	2	20	
Tetrachloroethene	ug/L	<0.33	50	50	52.9	53.2	106	106	70-130	0	20	
Toluene	ug/L	<0.27	50	50	50.4	50.8	101	102	80-131	1	20	
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	52.3	52.3	105	105	73-148	0	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	48.0	47.7	96	95	70-130	1	20	
Trichloroethene	ug/L	0.42J	50	50	57.1	55.5	113	110	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	63.5	62.0	127	124	74-147	2	20	
Vinyl chloride	ug/L	<0.17	50	50	49.1	48.1	98	96	41-129	2	20	
4-Bromofluorobenzene (S)	%						101	106	70-130			
Dibromofluoromethane (S)	%						98	100	70-130			
Toluene-d8 (S)	%						95	97	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: TD P3 1ST QTR GW-CR WELLS
Pace Project No.: 40204399

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40204399001	**CR1**	EPA 8260	349471		
40204399002	**CR2**	EPA 8260	349471		
40204399003	**CR3**	EPA 8260	349471		
40204399004	**CR4**	EPA 8260	349471		
40204399005	**CR5**	EPA 8260	349471		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

40204399

Page: 1 of 1

Section A — Required Client Information:

Company:	Environmental Audits Inc.
Address:	11327 W Lincoln Avenue
	West Allis Wi 53051
Email To:	john@environmentalaudits.net
Phone: 414-226-5563	Fax:
Requested Due Date/TAT:	

Section B — Required Project Information:

Report To:	jrruetz@yahoo.com;
Copy To:	eenii@wi.rr.com; john@environmentalaudits.net
	steph@environmentalaudits.net
Purchase Order No.:	Verbal
Project Name:	TD P3 1st Qtr GW – CR Wells
Project Number:	

Section C — Invoice Information:

Attention:	John Ruetz
Company Name:	Environmental Audits Inc.
Address:	11327 W Lincoln Avenue
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: WI

Section D — Required Client Information

SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE

MATRIX CODE: DRINKING WATER DW; WATER WT, WW, P; WASTE WATER SL; PRODUCT OL; SOIL/SOLID WP; OIL AR; WIPE OT; AIR TS; OTHER TISSUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Analysis Test: VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	CR1	GW	G			3/5/20	2pm		3				x					N	3		001
2	CR2	GW	G			3/5/20	2pm		3				x						3		002
3	CR3	GW	G			3/5/20	2pm		3				x						3		003
4	CR4	GW	G			3/5/20	2pm		3				x						3		004
5	CR5	GW	G			3/5/20	2pm		3				x						3		005
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Steve Tiber	3/6/20	11:24	Mary Fannin	3/6/20	11:24	
	Mary Fannin	3/6/20	1150				
	CS Courier	3/7/20	0845	Brian Radtke Pace	3/7/20	0845	Temp in °C: 1.02; Received on Ice (Y/N): Y; Custody Sealed Cooler (Y/N): N; Samples Intact (Y/N): X

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Steve Tiber

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 3/6/20

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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

Sample Preservation Receipt Form

Client Name: Environmental Analysts Inc. Project # 40204399

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

Lab Lot# of pH paper: Lab Std #ID of preservation (if pH adjusted): Initial when completed: Date/ Time:

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																	3																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																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
011													3	1	2	0	HC																2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
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

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: 25Apr2018
	Document No.: F-GB-C-031-Rev.07	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: **WO#: 40204399**

Client Name: Environmental Audits Inc.

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 - 9 **Type of Ice:** ☒ Wet Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2.0 /Corr: 2.0

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.

Person examining contents:
Date: 3-7-20
Initials: BR

Chain of Custody Present:	☒Yes ☐No ☐N/A	1. 3-7-20 BR
Chain of Custody Filled Out:	☐Yes ☒No ☐N/A	2. no project number, request date,
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. 3-7-20 BR
Sample Labels match COC:	☐Yes ☒No ☐N/A	12. No times samples 001-005, all samples have TMB
-Includes date/time/ID/Analysis Matrix: W		
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: _____

Project Manager Review: AL for DM **Date:** 3/7/2020

Pace Analytical®
www.pacelabs.com

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

June 17, 2020

John Ruetz
Environmental Audits Inc
11327 W Lincoln Ave
West Allis, WI 53227

RE: Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

Dear John Ruetz:

Enclosed are the analytical results for sample(s) received by the laboratory on June 15, 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,

Dan Milewsky

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Ed Raymond, Environmental Audits, Inc
Steve Tiber, Environmental Audits Inc.
Stephanie Wagner, Environmental Audits, Inc.

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

CERTIFICATIONS

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40209502001	CR1	Water	06/11/20 14:00	06/15/20 09:15
40209502002	CR2	Water	06/11/20 14:00	06/15/20 09:15
40209502003	CR3	Water	06/11/20 14:00	06/15/20 09:15
40209502004	CR4	Water	06/11/20 14:00	06/15/20 09:15
40209502005	CR5	Water	06/11/20 14:00	06/15/20 09:15

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SAMPLE ANALYTE COUNT

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40209502001	**CR1**	EPA 8260	HNW	64
40209502002	**CR2**	EPA 8260	HNW	64
40209502003	**CR3**	EPA 8260	HNW	64
40209502004	**CR4**	EPA 8260	HNW	64
40209502005	**CR5**	EPA 8260	HNW	64

PASI-G = Pace Analytical Services - Green Bay

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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

Sample: CR1 **Lab ID: 40209502001** Collected: 06/11/20 14:00 Received: 06/15/20 09:15 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		06/16/20 10:17	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/16/20 10:17	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/16/20 10:17	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/16/20 10:17	79-00-5	
1,1-Dichloroethane	**0.32J**	ug/L	1.0	0.27	1		06/16/20 10:17	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/16/20 10:17	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/16/20 10:17	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/16/20 10:17	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/16/20 10:17	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/16/20 10:17	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/16/20 10:17	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/16/20 10:17	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/16/20 10:17	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/16/20 10:17	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/16/20 10:17	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/16/20 10:17	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/16/20 10:17	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/16/20 10:17	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/16/20 10:17	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/16/20 10:17	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/16/20 10:17	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/16/20 10:17	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/16/20 10:17	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/16/20 10:17	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/16/20 10:17	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/16/20 10:17	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/16/20 10:17	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/16/20 10:17	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/16/20 10:17	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/16/20 10:17	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/16/20 10:17	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/16/20 10:17	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/16/20 10:17	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/16/20 10:17	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/16/20 10:17	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/16/20 10:17	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/16/20 10:17	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/16/20 10:17	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/16/20 10:17	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/16/20 10:17	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/16/20 10:17	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/16/20 10:17	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/16/20 10:17	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/16/20 10:17	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/16/20 10:17	100-42-5	

REPORT OF LABORATORY ANALYSIS

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(920)469-2436

ANALYTICAL RESULTS

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

Sample: CR1 **Lab ID: 40209502001** Collected: 06/11/20 14:00 Received: 06/15/20 09:15 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		06/16/20 10:17	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/16/20 10:17	108-88-3	
Trichloroethene	**0.56J**	ug/L	1.0	0.26	1		06/16/20 10:17	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/16/20 10:17	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/16/20 10:17	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/16/20 10:17	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/16/20 10:17	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/16/20 10:17	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/16/20 10:17	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/16/20 10:17	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/16/20 10:17	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/16/20 10:17	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/16/20 10:17	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/16/20 10:17	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/16/20 10:17	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/16/20 10:17	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/16/20 10:17	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/16/20 10:17	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/16/20 10:17	2037-26-5	

Sample: CR2 **Lab ID: 40209502002** Collected: 06/11/20 14:00 Received: 06/15/20 09:15 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		06/16/20 10:39	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/16/20 10:39	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/16/20 10:39	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/16/20 10:39	79-00-5	
1,1-Dichloroethane	**3.4**	ug/L	1.0	0.27	1		06/16/20 10:39	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/16/20 10:39	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/16/20 10:39	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/16/20 10:39	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/16/20 10:39	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/16/20 10:39	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/16/20 10:39	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/16/20 10:39	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/16/20 10:39	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/16/20 10:39	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/16/20 10:39	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/16/20 10:39	78-87-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

Sample: CR2 **Lab ID: 40209502002** Collected: 06/11/20 14:00 Received: 06/15/20 09:15 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		06/16/20 10:39	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/16/20 10:39	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/16/20 10:39	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/16/20 10:39	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/16/20 10:39	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/16/20 10:39	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/16/20 10:39	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/16/20 10:39	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/16/20 10:39	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/16/20 10:39	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/16/20 10:39	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/16/20 10:39	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/16/20 10:39	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/16/20 10:39	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/16/20 10:39	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/16/20 10:39	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/16/20 10:39	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/16/20 10:39	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/16/20 10:39	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/16/20 10:39	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/16/20 10:39	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/16/20 10:39	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/16/20 10:39	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/16/20 10:39	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/16/20 10:39	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/16/20 10:39	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/16/20 10:39	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/16/20 10:39	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/16/20 10:39	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/16/20 10:39	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/16/20 10:39	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/16/20 10:39	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/16/20 10:39	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/16/20 10:39	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/16/20 10:39	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/16/20 10:39	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/16/20 10:39	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/16/20 10:39	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/16/20 10:39	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/16/20 10:39	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/16/20 10:39	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/16/20 10:39	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/16/20 10:39	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/16/20 10:39	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/16/20 10:39	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

Sample: CR2 **Lab ID: 40209502002** Collected: 06/11/20 14:00 Received: 06/15/20 09:15 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)	90	%	70-130		1		06/16/20 10:39	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/16/20 10:39	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/16/20 10:39	2037-26-5	

Sample: CR3 **Lab ID: 40209502003** Collected: 06/11/20 14:00 Received: 06/15/20 09:15 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	**<135**	ug/L	500	135	500		06/16/20 09:55	630-20-6	
1,1,1-Trichloroethane	**8200**	ug/L	500	122	500		06/16/20 09:55	71-55-6	
1,1,2,2-Tetrachloroethane	**<138**	ug/L	500	138	500		06/16/20 09:55	79-34-5	
1,1,2-Trichloroethane	**<276**	ug/L	2500	276	500		06/16/20 09:55	79-00-5	
1,1-Dichloroethane	**50900**	ug/L	500	136	500		06/16/20 09:55	75-34-3	
1,1-Dichloroethene	**2480**	ug/L	500	122	500		06/16/20 09:55	75-35-4	
1,1-Dichloropropene	**<270**	ug/L	900	270	500		06/16/20 09:55	563-58-6	
1,2,3-Trichlorobenzene	**<1110**	ug/L	3680	1110	500		06/16/20 09:55	87-61-6	
1,2,3-Trichloropropane	**<295**	ug/L	2500	295	500		06/16/20 09:55	96-18-4	
1,2,4-Trichlorobenzene	**<476**	ug/L	2500	476	500		06/16/20 09:55	120-82-1	
1,2,4-Trimethylbenzene	**<420**	ug/L	1400	420	500		06/16/20 09:55	95-63-6	
1,2-Dibromo-3-chloropropane	**<882**	ug/L	2940	882	500		06/16/20 09:55	96-12-8	
1,2-Dibromoethane (EDB)	**<415**	ug/L	1380	415	500		06/16/20 09:55	106-93-4	
1,2-Dichlorobenzene	**<353**	ug/L	1180	353	500		06/16/20 09:55	95-50-1	
1,2-Dichloroethane	**<140**	ug/L	500	140	500		06/16/20 09:55	107-06-2	
1,2-Dichloropropane	**<141**	ug/L	500	141	500		06/16/20 09:55	78-87-5	
1,3,5-Trimethylbenzene	**<437**	ug/L	1460	437	500		06/16/20 09:55	108-67-8	
1,3-Dichlorobenzene	**<314**	ug/L	1050	314	500		06/16/20 09:55	541-73-1	
1,3-Dichloropropane	**<413**	ug/L	1380	413	500		06/16/20 09:55	142-28-9	
1,4-Dichlorobenzene	**<472**	ug/L	1570	472	500		06/16/20 09:55	106-46-7	
2,2-Dichloropropane	**<1130**	ug/L	3780	1130	500		06/16/20 09:55	594-20-7	
2-Chlorotoluene	**<463**	ug/L	2500	463	500		06/16/20 09:55	95-49-8	
4-Chlorotoluene	**<378**	ug/L	1260	378	500		06/16/20 09:55	106-43-4	
Benzene	**<123**	ug/L	500	123	500		06/16/20 09:55	71-43-2	
Bromobenzene	**<121**	ug/L	500	121	500		06/16/20 09:55	108-86-1	
Bromochloromethane	**<181**	ug/L	2500	181	500		06/16/20 09:55	74-97-5	
Bromodichloromethane	**<182**	ug/L	606	182	500		06/16/20 09:55	75-27-4	
Bromoform	**<1990**	ug/L	6620	1990	500		06/16/20 09:55	75-25-2	
Bromomethane	**<486**	ug/L	2500	486	500		06/16/20 09:55	74-83-9	
Carbon tetrachloride	**<538**	ug/L	1790	538	500		06/16/20 09:55	56-23-5	
Chlorobenzene	**<355**	ug/L	1180	355	500		06/16/20 09:55	108-90-7	
Chloroethane	**77400**	ug/L	2500	671	500		06/16/20 09:55	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

Sample: CR3 **Lab ID: 40209502003** Collected: 06/11/20 14:00 Received: 06/15/20 09:15 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	**<637**	ug/L	2500	637	500		06/16/20 09:55	67-66-3	
Chloromethane	**<1090**	ug/L	3650	1090	500		06/16/20 09:55	74-87-3	
Dibromochloromethane	**<1300**	ug/L	4340	1300	500		06/16/20 09:55	124-48-1	
Dibromomethane	**<468**	ug/L	1560	468	500		06/16/20 09:55	74-95-3	
Dichlorodifluoromethane	**<250**	ug/L	2500	250	500		06/16/20 09:55	75-71-8	
Diisopropyl ether	**<944**	ug/L	3150	944	500		06/16/20 09:55	108-20-3	
Ethylbenzene	**<159**	ug/L	531	159	500		06/16/20 09:55	100-41-4	
Hexachloro-1,3-butadiene	**<731**	ug/L	2440	731	500		06/16/20 09:55	87-68-3	
Isopropylbenzene (Cumene)	**<843**	ug/L	2810	843	500		06/16/20 09:55	98-82-8	
Methyl-tert-butyl ether	**<623**	ug/L	2080	623	500		06/16/20 09:55	1634-04-4	
Methylene Chloride	**<290**	ug/L	2500	290	500		06/16/20 09:55	75-09-2	
Naphthalene	**<588**	ug/L	2500	588	500		06/16/20 09:55	91-20-3	
Styrene	**<1500**	ug/L	5020	1500	500		06/16/20 09:55	100-42-5	
Tetrachloroethene	**<163**	ug/L	544	163	500		06/16/20 09:55	127-18-4	
Toluene	**<135**	ug/L	449	135	500		06/16/20 09:55	108-88-3	
Trichloroethene	**<128**	ug/L	500	128	500		06/16/20 09:55	79-01-6	
Trichlorofluoromethane	**<107**	ug/L	500	107	500		06/16/20 09:55	75-69-4	
Vinyl chloride	**4260**	ug/L	500	87.3	500		06/16/20 09:55	75-01-4	
cis-1,2-Dichloroethene	**<136**	ug/L	500	136	500		06/16/20 09:55	156-59-2	
cis-1,3-Dichloropropene	**<1810**	ug/L	6050	1810	500		06/16/20 09:55	10061-01-5	
m&p-Xylene	**<233**	ug/L	1000	233	500		06/16/20 09:55	179601-23-1	
n-Butylbenzene	**<354**	ug/L	1180	354	500		06/16/20 09:55	104-51-8	
n-Propylbenzene	**<405**	ug/L	2500	405	500		06/16/20 09:55	103-65-1	
o-Xylene	**<131**	ug/L	500	131	500		06/16/20 09:55	95-47-6	
p-Isopropyltoluene	**<400**	ug/L	1330	400	500		06/16/20 09:55	99-87-6	
sec-Butylbenzene	**<424**	ug/L	2500	424	500		06/16/20 09:55	135-98-8	
tert-Butylbenzene	**<152**	ug/L	506	152	500		06/16/20 09:55	98-06-6	
trans-1,2-Dichloroethene	**<232**	ug/L	774	232	500		06/16/20 09:55	156-60-5	
trans-1,3-Dichloropropene	**<2190**	ug/L	7280	2190	500		06/16/20 09:55	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		500		06/16/20 09:55	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		500		06/16/20 09:55	1868-53-7	
Toluene-d8 (S)	99	%	70-130		500		06/16/20 09:55	2037-26-5	

Sample: CR4 **Lab ID: 40209502004** Collected: 06/11/20 14:00 Received: 06/15/20 09:15 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		06/16/20 11:02	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/16/20 11:02	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/16/20 11:02	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

Sample: CR4 **Lab ID: 40209502004** Collected: 06/11/20 14:00 Received: 06/15/20 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/16/20 11:02	79-00-5	
1,1-Dichloroethane	**1.5**	ug/L	1.0	0.27	1		06/16/20 11:02	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/16/20 11:02	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/16/20 11:02	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/16/20 11:02	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/16/20 11:02	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/16/20 11:02	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/16/20 11:02	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/16/20 11:02	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/16/20 11:02	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/16/20 11:02	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/16/20 11:02	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/16/20 11:02	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/16/20 11:02	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/16/20 11:02	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/16/20 11:02	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/16/20 11:02	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/16/20 11:02	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/16/20 11:02	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/16/20 11:02	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/16/20 11:02	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/16/20 11:02	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/16/20 11:02	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/16/20 11:02	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/16/20 11:02	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/16/20 11:02	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/16/20 11:02	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/16/20 11:02	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/16/20 11:02	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/16/20 11:02	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/16/20 11:02	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/16/20 11:02	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/16/20 11:02	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/16/20 11:02	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/16/20 11:02	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/16/20 11:02	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/16/20 11:02	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/16/20 11:02	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/16/20 11:02	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/16/20 11:02	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/16/20 11:02	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/16/20 11:02	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/16/20 11:02	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/16/20 11:02	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/16/20 11:02	79-01-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

Sample: CR4 **Lab ID: 40209502004** Collected: 06/11/20 14:00 Received: 06/15/20 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/16/20 11:02	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/16/20 11:02	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/16/20 11:02	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/16/20 11:02	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/16/20 11:02	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/16/20 11:02	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/16/20 11:02	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/16/20 11:02	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/16/20 11:02	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/16/20 11:02	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/16/20 11:02	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/16/20 11:02	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/16/20 11:02	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/16/20 11:02	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/16/20 11:02	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/16/20 11:02	2037-26-5	

Sample: CR5 **Lab ID: 40209502005** Collected: 06/11/20 14:00 Received: 06/15/20 09:15 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		06/16/20 11:47	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/16/20 11:47	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/16/20 11:47	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/16/20 11:47	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/16/20 11:47	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/16/20 11:47	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/16/20 11:47	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/16/20 11:47	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/16/20 11:47	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/16/20 11:47	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/16/20 11:47	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/16/20 11:47	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/16/20 11:47	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/16/20 11:47	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/16/20 11:47	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/16/20 11:47	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/16/20 11:47	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/16/20 11:47	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/16/20 11:47	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

Sample: CR5 **Lab ID: 40209502005** Collected: 06/11/20 14:00 Received: 06/15/20 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/16/20 11:47	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/16/20 11:47	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/16/20 11:47	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/16/20 11:47	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/16/20 11:47	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/16/20 11:47	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/16/20 11:47	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/16/20 11:47	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/16/20 11:47	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/16/20 11:47	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/16/20 11:47	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/16/20 11:47	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/16/20 11:47	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/16/20 11:47	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/16/20 11:47	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/16/20 11:47	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/16/20 11:47	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/16/20 11:47	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/16/20 11:47	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/16/20 11:47	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/16/20 11:47	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/16/20 11:47	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/16/20 11:47	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/16/20 11:47	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/16/20 11:47	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/16/20 11:47	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/16/20 11:47	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/16/20 11:47	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/16/20 11:47	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/16/20 11:47	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/16/20 11:47	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/16/20 11:47	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/16/20 11:47	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/16/20 11:47	179601-23-1	
n-Butylbenzene	**1.0J**	ug/L	2.4	0.71	1		06/16/20 11:47	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/16/20 11:47	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/16/20 11:47	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/16/20 11:47	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/16/20 11:47	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/16/20 11:47	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/16/20 11:47	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/16/20 11:47	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/16/20 11:47	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		06/16/20 11:47	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

Sample: CR5 **Lab ID: 40209502005** Collected: 06/11/20 14:00 Received: 06/15/20 09:15 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									
Toluene-d8 (S)	99	%	70-130		1		06/16/20 11:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

QC Batch: 357687
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209502001, 40209502002, 40209502003, 40209502004, 40209502005

METHOD BLANK: 2069353 Matrix: Water
Associated Lab Samples: 40209502001, 40209502002, 40209502003, 40209502004, 40209502005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	06/16/20 06:10	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	06/16/20 06:10	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	06/16/20 06:10	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	06/16/20 06:10	
1,1-Dichloroethane	ug/L	<0.27	1.0	06/16/20 06:10	
1,1-Dichloroethene	ug/L	<0.24	1.0	06/16/20 06:10	
1,1-Dichloropropene	ug/L	<0.54	1.8	06/16/20 06:10	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	06/16/20 06:10	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	06/16/20 06:10	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	06/16/20 06:10	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	06/16/20 06:10	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	06/16/20 06:10	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	06/16/20 06:10	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	06/16/20 06:10	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/16/20 06:10	
1,2-Dichloropropane	ug/L	<0.28	1.0	06/16/20 06:10	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	06/16/20 06:10	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	06/16/20 06:10	
1,3-Dichloropropane	ug/L	<0.83	2.8	06/16/20 06:10	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	06/16/20 06:10	
2,2-Dichloropropane	ug/L	<2.3	7.6	06/16/20 06:10	
2-Chlorotoluene	ug/L	<0.93	5.0	06/16/20 06:10	
4-Chlorotoluene	ug/L	<0.76	2.5	06/16/20 06:10	
Benzene	ug/L	<0.25	1.0	06/16/20 06:10	
Bromobenzene	ug/L	<0.24	1.0	06/16/20 06:10	
Bromochloromethane	ug/L	<0.36	5.0	06/16/20 06:10	
Bromodichloromethane	ug/L	<0.36	1.2	06/16/20 06:10	
Bromoform	ug/L	<4.0	13.2	06/16/20 06:10	
Bromomethane	ug/L	<0.97	5.0	06/16/20 06:10	
Carbon tetrachloride	ug/L	<1.1	3.6	06/16/20 06:10	
Chlorobenzene	ug/L	<0.71	2.4	06/16/20 06:10	
Chloroethane	ug/L	<1.3	5.0	06/16/20 06:10	
Chloroform	ug/L	<1.3	5.0	06/16/20 06:10	
Chloromethane	ug/L	<2.2	7.3	06/16/20 06:10	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	06/16/20 06:10	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	06/16/20 06:10	
Dibromochloromethane	ug/L	<2.6	8.7	06/16/20 06:10	
Dibromomethane	ug/L	<0.94	3.1	06/16/20 06:10	
Dichlorodifluoromethane	ug/L	<0.50	5.0	06/16/20 06:10	
Diisopropyl ether	ug/L	<1.9	6.3	06/16/20 06:10	

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

METHOD BLANK: 2069353 Matrix: Water
Associated Lab Samples: 40209502001, 40209502002, 40209502003, 40209502004, 40209502005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	06/16/20 06:10	
Hexachloro-1,3-butadiene	ug/L	1.8J	4.9	06/16/20 06:10	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	06/16/20 06:10	
m&p-Xylene	ug/L	<0.47	2.0	06/16/20 06:10	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	06/16/20 06:10	
Methylene Chloride	ug/L	<0.58	5.0	06/16/20 06:10	
n-Butylbenzene	ug/L	<0.71	2.4	06/16/20 06:10	
n-Propylbenzene	ug/L	<0.81	5.0	06/16/20 06:10	
Naphthalene	ug/L	<1.2	5.0	06/16/20 06:10	
o-Xylene	ug/L	<0.26	1.0	06/16/20 06:10	
p-Isopropyltoluene	ug/L	<0.80	2.7	06/16/20 06:10	
sec-Butylbenzene	ug/L	<0.85	5.0	06/16/20 06:10	
Styrene	ug/L	<3.0	10.0	06/16/20 06:10	
tert-Butylbenzene	ug/L	<0.30	1.0	06/16/20 06:10	
Tetrachloroethene	ug/L	<0.33	1.1	06/16/20 06:10	
Toluene	ug/L	<0.27	0.90	06/16/20 06:10	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	06/16/20 06:10	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	06/16/20 06:10	
Trichloroethene	ug/L	<0.26	1.0	06/16/20 06:10	
Trichlorofluoromethane	ug/L	<0.21	1.0	06/16/20 06:10	
Vinyl chloride	ug/L	<0.17	1.0	06/16/20 06:10	
4-Bromofluorobenzene (S)	%	93	70-130	06/16/20 06:10	
Dibromofluoromethane (S)	%	99	70-130	06/16/20 06:10	
Toluene-d8 (S)	%	98	70-130	06/16/20 06:10	

LABORATORY CONTROL SAMPLE: 2069354

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	44.9	90	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.2	94	64-131	
1,1,2-Trichloroethane	ug/L	50	48.8	98	70-130	
1,1-Dichloroethane	ug/L	50	44.7	89	69-163	
1,1-Dichloroethene	ug/L	50	43.3	87	77-123	
1,2,4-Trichlorobenzene	ug/L	50	45.4	91	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	41.6	83	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	48.7	97	70-130	
1,2-Dichlorobenzene	ug/L	50	48.9	98	70-130	
1,2-Dichloroethane	ug/L	50	44.8	90	78-142	
1,2-Dichloropropane	ug/L	50	47.8	96	86-134	
1,3-Dichlorobenzene	ug/L	50	48.4	97	70-130	
1,4-Dichlorobenzene	ug/L	50	49.2	98	70-130	
Benzene	ug/L	50	45.5	91	70-130	
Bromodichloromethane	ug/L	50	50.9	102	70-130	
Bromoform	ug/L	50	47.9	96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

LABORATORY CONTROL SAMPLE: 2069354

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	24.9	50	39-129	
Carbon tetrachloride	ug/L	50	49.0	98	70-132	
Chlorobenzene	ug/L	50	50.6	101	70-130	
Chloroethane	ug/L	50	38.5	77	66-140	
Chloroform	ug/L	50	45.2	90	75-132	
Chloromethane	ug/L	50	27.8	56	32-143	
cis-1,2-Dichloroethene	ug/L	50	45.8	92	70-130	
cis-1,3-Dichloropropene	ug/L	50	43.0	86	70-130	
Dibromochloromethane	ug/L	50	52.0	104	70-130	
Dichlorodifluoromethane	ug/L	50	20.9	42	10-141	
Ethylbenzene	ug/L	50	51.7	103	80-120	
Isopropylbenzene (Cumene)	ug/L	50	47.5	95	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	39.7	79	61-129	
Methylene Chloride	ug/L	50	42.9	86	70-130	
o-Xylene	ug/L	50	52.4	105	70-130	
Styrene	ug/L	50	48.9	98	70-130	
Tetrachloroethene	ug/L	50	52.2	104	70-130	
Toluene	ug/L	50	50.6	101	80-120	
trans-1,2-Dichloroethene	ug/L	50	45.9	92	70-130	
trans-1,3-Dichloropropene	ug/L	50	41.6	83	69-130	
Trichloroethene	ug/L	50	50.2	100	70-130	
Trichlorofluoromethane	ug/L	50	43.3	87	75-145	
Vinyl chloride	ug/L	50	32.7	65	51-140	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			96	70-130	
Toluene-d8 (S)	%			99	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.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: TD P3 2ND QTR GW - CR WELLS
Pace Project No.: 40209502

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40209502001	CR1	EPA 8260	357687		
40209502002	CR2	EPA 8260	357687		
40209502003	CR3	EPA 8260	357687		
40209502004	CR4	EPA 8260	357687		
40209502005	CR5	EPA 8260	357687		

4020950L

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

Section A – Required Client Information:		Section B – Required Project Information:		Section C – Invoice Information:	
Company:	Environmental Audits Inc.	Report To:	jrruetz@yahoo.com;	Attention:	John Ruetz
Address:	11327 W Lincoln Avenue	Copy To:	eerii@wi.rr.com; john@environmentalaudits.net	Company Name:	Environmental Audits Inc.
	West Allis Wi 53051		steph@environmentalaudits.net	Address:	11327 W Lincoln Avenue
Email To:	john@environmentalaudits.net	Purchase Order No.:	Verbal	Pace Quote Reference:	
Phone:	414-226-5563 Fax:	Project Name:	TD P3 2nd Qtr GW – CR Wells	Pace Project Manager:	
Requested Due Date/TAT:		Project Number:		Pace Profile #:	

REGULATORY AGENCY: NPDES GROUND WATER DRINKING WATER UST RCRA OTHER

Site Location STATE: WI

ITEM #	Section D – Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB, C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N): Y/N	Analysis Test: VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	CR1	GW	G			6/11/20	2pm		3				x						x		001
2	CR2	GW	G			6/11/20	2pm		3				x						x		002
3	CR3	GW	G			6/11/20	2pm		3				x						x		003
4	CR4	GW	G			6/11/20	2pm		3				x						x		004
5	CR5	GW	G			6/11/20	2pm		3				x						x		005
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Steve Tiber	6/11/20		Mary Gamma	6/12/20	1325				
	Mary Gamma	6/12/20	1400							
	Steve Tiber	6-13-20	0915	Waukesha Blue Pace	6-13-20	0915	RUT	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Steve Tiber

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 6/11/20

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

Sample Preservation Receipt Form

Client Name: Environmental Audits, Inc. Project # 60209502

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																	VG9H															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
010																																2.5 / 5 / 10
011																																2.5 / 5 / 10
012																																2.5 / 5 / 10
013																																2.5 / 5 / 10
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

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#: 40209502** 40209502

Client Name: Environmental Audits Inc.

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: ROT /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: 6/15/20 /Initials: AL
Labeled By Initials: SCW

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☒No ☐N/A	2. project # ARO 6/15/20
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3. no time ARO 6/15/20
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. no times ARO 6/15/20
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

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1241 Bellevue Street - Suite 9
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(920)469-2436

August 05, 2019

John Ruetz
Environmental Audits Inc
11327 W Lincoln Ave
West Allis, WI 53227

RE: Project: TD P3 CR
Pace Project No.: 40192219

Dear John Ruetz:
Enclosed are the analytical results for sample(s) received by the laboratory on August 01, 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,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Ed Raymond, Environmental Audits, Inc
Steve Tiber, Environmental Audits Inc.
Stephanie Wagner, Environmental Audits, Inc.

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CERTIFICATIONS

Project: TD P3 CR
Pace Project No.: 40192219

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

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

SAMPLE SUMMARY

Project: TD P3 CR
Pace Project No.: 40192219

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40192219001	**CR-1**	Water	07/30/19 00:00	08/01/19 09:30
40192219002	**CR-2**	Water	07/30/19 00:00	08/01/19 09:30
40192219003	**CR-3**	Water	07/30/19 00:00	08/01/19 09:30
40192219004	**CR-4**	Water	07/30/19 00:00	08/01/19 09:30
40192219005	**CR-5**	Water	07/30/19 00:00	08/01/19 09:30

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SAMPLE ANALYTE COUNT

Project: TD P3 CR
Pace Project No.: 40192219

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40192219001	**CR-1**	EPA 8260	LAP	64
40192219002	**CR-2**	EPA 8260	LAP	64
40192219003	**CR-3**	EPA 8260	LAP	64
40192219004	**CR-4**	EPA 8260	LAP	64
40192219005	**CR-5**	EPA 8260	LAP	64

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 CR
Pace Project No.: 40192219

Sample: CR-1 **Lab ID: 40192219001** Collected: 07/30/19 00:00 Received: 08/01/19 09:30 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		08/02/19 12:13	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/02/19 12:13	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		08/02/19 12:13	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		08/02/19 12:13	79-00-5	
1,1-Dichloroethane	**0.34J**	ug/L	1.0	0.27	1		08/02/19 12:13	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		08/02/19 12:13	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		08/02/19 12:13	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		08/02/19 12:13	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		08/02/19 12:13	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/02/19 12:13	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		08/02/19 12:13	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		08/02/19 12:13	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		08/02/19 12:13	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		08/02/19 12:13	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		08/02/19 12:13	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		08/02/19 12:13	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		08/02/19 12:13	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		08/02/19 12:13	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		08/02/19 12:13	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		08/02/19 12:13	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		08/02/19 12:13	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		08/02/19 12:13	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		08/02/19 12:13	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		08/02/19 12:13	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		08/02/19 12:13	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/02/19 12:13	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		08/02/19 12:13	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		08/02/19 12:13	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		08/02/19 12:13	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		08/02/19 12:13	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		08/02/19 12:13	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		08/02/19 12:13	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		08/02/19 12:13	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		08/02/19 12:13	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		08/02/19 12:13	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		08/02/19 12:13	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		08/02/19 12:13	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		08/02/19 12:13	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		08/02/19 12:13	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		08/02/19 12:13	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		08/02/19 12:13	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		08/02/19 12:13	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		08/02/19 12:13	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		08/02/19 12:13	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		08/02/19 12:13	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		08/02/19 12:13	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 CR
Pace Project No.: 40192219

Sample: CR-1 **Lab ID: 40192219001** Collected: 07/30/19 00:00 Received: 08/01/19 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.17**	ug/L	5.0	0.17	1		08/02/19 12:13	108-88-3	
Trichloroethene	**0.81J**	ug/L	1.0	0.26	1		08/02/19 12:13	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		08/02/19 12:13	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/02/19 12:13	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		08/02/19 12:13	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		08/02/19 12:13	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		08/02/19 12:13	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		08/02/19 12:13	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		08/02/19 12:13	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		08/02/19 12:13	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		08/02/19 12:13	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		08/02/19 12:13	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		08/02/19 12:13	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		08/02/19 12:13	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		08/02/19 12:13	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		08/02/19 12:13	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		08/02/19 12:13	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		08/02/19 12:13	2037-26-5	

Sample: CR-2 **Lab ID: 40192219002** Collected: 07/30/19 00:00 Received: 08/01/19 09:30 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		08/05/19 07:59	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/05/19 07:59	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		08/05/19 07:59	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		08/05/19 07:59	79-00-5	
1,1-Dichloroethane	**5.5**	ug/L	1.0	0.27	1		08/05/19 07:59	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		08/05/19 07:59	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		08/05/19 07:59	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		08/05/19 07:59	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		08/05/19 07:59	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/05/19 07:59	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		08/05/19 07:59	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		08/05/19 07:59	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		08/05/19 07:59	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		08/05/19 07:59	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		08/05/19 07:59	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		08/05/19 07:59	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		08/05/19 07:59	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		08/05/19 07:59	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		08/05/19 07:59	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 CR
Pace Project No.: 40192219

Sample: CR-2 **Lab ID: 40192219002** Collected: 07/30/19 00:00 Received: 08/01/19 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		08/05/19 07:59	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		08/05/19 07:59	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		08/05/19 07:59	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		08/05/19 07:59	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		08/05/19 07:59	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		08/05/19 07:59	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/05/19 07:59	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		08/05/19 07:59	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		08/05/19 07:59	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		08/05/19 07:59	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		08/05/19 07:59	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		08/05/19 07:59	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		08/05/19 07:59	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		08/05/19 07:59	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		08/05/19 07:59	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		08/05/19 07:59	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		08/05/19 07:59	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		08/05/19 07:59	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		08/05/19 07:59	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		08/05/19 07:59	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		08/05/19 07:59	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		08/05/19 07:59	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		08/05/19 07:59	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		08/05/19 07:59	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		08/05/19 07:59	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		08/05/19 07:59	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		08/05/19 07:59	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		08/05/19 07:59	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/05/19 07:59	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		08/05/19 07:59	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/05/19 07:59	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		08/05/19 07:59	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		08/05/19 07:59	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		08/05/19 07:59	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		08/05/19 07:59	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		08/05/19 07:59	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		08/05/19 07:59	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		08/05/19 07:59	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		08/05/19 07:59	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		08/05/19 07:59	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		08/05/19 07:59	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		08/05/19 07:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		08/05/19 07:59	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		08/05/19 07:59	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		08/05/19 07:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: TD P3 CR
Pace Project No.: 40192219

Sample: CR-3 **Lab ID: 40192219003** Collected: 07/30/19 00:00 Received: 08/01/19 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<135**	ug/L	500	135	500		08/05/19 10:58	630-20-6	
1,1,1-Trichloroethane	**19300**	ug/L	500	122	500		08/05/19 10:58	71-55-6	
1,1,2,2-Tetrachloroethane	**<138**	ug/L	500	138	500		08/05/19 10:58	79-34-5	
1,1,2-Trichloroethane	**<276**	ug/L	2500	276	500		08/05/19 10:58	79-00-5	
1,1-Dichloroethane	**45100**	ug/L	500	136	500		08/05/19 10:58	75-34-3	
1,1-Dichloroethene	**2810**	ug/L	500	122	500		08/05/19 10:58	75-35-4	
1,1-Dichloropropene	**<270**	ug/L	900	270	500		08/05/19 10:58	563-58-6	
1,2,3-Trichlorobenzene	**<313**	ug/L	2500	313	500		08/05/19 10:58	87-61-6	
1,2,3-Trichloropropane	**<295**	ug/L	2500	295	500		08/05/19 10:58	96-18-4	
1,2,4-Trichlorobenzene	**<476**	ug/L	2500	476	500		08/05/19 10:58	120-82-1	
1,2,4-Trimethylbenzene	**<420**	ug/L	1400	420	500		08/05/19 10:58	95-63-6	
1,2-Dibromo-3-chloropropane	**<882**	ug/L	2940	882	500		08/05/19 10:58	96-12-8	
1,2-Dibromoethane (EDB)	**<415**	ug/L	1380	415	500		08/05/19 10:58	106-93-4	
1,2-Dichlorobenzene	**<353**	ug/L	1180	353	500		08/05/19 10:58	95-50-1	
1,2-Dichloroethane	**<140**	ug/L	500	140	500		08/05/19 10:58	107-06-2	
1,2-Dichloropropane	**<141**	ug/L	500	141	500		08/05/19 10:58	78-87-5	
1,3,5-Trimethylbenzene	**<437**	ug/L	1460	437	500		08/05/19 10:58	108-67-8	
1,3-Dichlorobenzene	**<314**	ug/L	1050	314	500		08/05/19 10:58	541-73-1	
1,3-Dichloropropane	**<413**	ug/L	1380	413	500		08/05/19 10:58	142-28-9	
1,4-Dichlorobenzene	**<472**	ug/L	1570	472	500		08/05/19 10:58	106-46-7	
2,2-Dichloropropane	**<1130**	ug/L	3780	1130	500		08/05/19 10:58	594-20-7	
2-Chlorotoluene	**<463**	ug/L	2500	463	500		08/05/19 10:58	95-49-8	
4-Chlorotoluene	**<378**	ug/L	1260	378	500		08/05/19 10:58	106-43-4	
Benzene	**<123**	ug/L	500	123	500		08/05/19 10:58	71-43-2	
Bromobenzene	**<121**	ug/L	500	121	500		08/05/19 10:58	108-86-1	
Bromochloromethane	**<181**	ug/L	2500	181	500		08/05/19 10:58	74-97-5	
Bromodichloromethane	**<182**	ug/L	606	182	500		08/05/19 10:58	75-27-4	
Bromoform	**<1990**	ug/L	6620	1990	500		08/05/19 10:58	75-25-2	
Bromomethane	**<486**	ug/L	2500	486	500		08/05/19 10:58	74-83-9	
Carbon tetrachloride	**<82.9**	ug/L	500	82.9	500		08/05/19 10:58	56-23-5	
Chlorobenzene	**<355**	ug/L	1180	355	500		08/05/19 10:58	108-90-7	
Chloroethane	**58700**	ug/L	2500	671	500		08/05/19 10:58	75-00-3	
Chloroform	**<637**	ug/L	2500	637	500		08/05/19 10:58	67-66-3	
Chloromethane	**<1090**	ug/L	3650	1090	500		08/05/19 10:58	74-87-3	
Dibromochloromethane	**<1300**	ug/L	4340	1300	500		08/05/19 10:58	124-48-1	
Dibromomethane	**<468**	ug/L	1560	468	500		08/05/19 10:58	74-95-3	
Dichlorodifluoromethane	**<250**	ug/L	2500	250	500		08/05/19 10:58	75-71-8	
Diisopropyl ether	**<944**	ug/L	3150	944	500		08/05/19 10:58	108-20-3	
Ethylbenzene	**<109**	ug/L	500	109	500		08/05/19 10:58	100-41-4	
Hexachloro-1,3-butadiene	**<591**	ug/L	2500	591	500		08/05/19 10:58	87-68-3	
Isopropylbenzene (Cumene)	**<196**	ug/L	2500	196	500		08/05/19 10:58	98-82-8	
Methyl-tert-butyl ether	**<623**	ug/L	2080	623	500		08/05/19 10:58	1634-04-4	
Methylene Chloride	**<290**	ug/L	2500	290	500		08/05/19 10:58	75-09-2	
Naphthalene	**<588**	ug/L	2500	588	500		08/05/19 10:58	91-20-3	
Styrene	**<233**	ug/L	776	233	500		08/05/19 10:58	100-42-5	
Tetrachloroethene	**<163**	ug/L	544	163	500		08/05/19 10:58	127-18-4	

REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
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(920)469-2436

ANALYTICAL RESULTS

Project: TD P3 CR
Pace Project No.: 40192219

Sample: CR-3 **Lab ID: 40192219003** Collected: 07/30/19 00:00 Received: 08/01/19 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**197J**	ug/L	2500	86.1	500		08/05/19 10:58	108-88-3	
Trichloroethene	**<128**	ug/L	500	128	500		08/05/19 10:58	79-01-6	
Trichlorofluoromethane	**<107**	ug/L	500	107	500		08/05/19 10:58	75-69-4	
Vinyl chloride	**3790**	ug/L	500	87.3	500		08/05/19 10:58	75-01-4	
cis-1,2-Dichloroethene	**<136**	ug/L	500	136	500		08/05/19 10:58	156-59-2	
cis-1,3-Dichloropropene	**<1810**	ug/L	6050	1810	500		08/05/19 10:58	10061-01-5	
m&p-Xylene	**<233**	ug/L	1000	233	500		08/05/19 10:58	179601-23-1	
n-Butylbenzene	**<354**	ug/L	1180	354	500		08/05/19 10:58	104-51-8	
n-Propylbenzene	**<405**	ug/L	2500	405	500		08/05/19 10:58	103-65-1	
o-Xylene	**<131**	ug/L	500	131	500		08/05/19 10:58	95-47-6	
p-Isopropyltoluene	**<400**	ug/L	1330	400	500		08/05/19 10:58	99-87-6	
sec-Butylbenzene	**<424**	ug/L	2500	424	500		08/05/19 10:58	135-98-8	
tert-Butylbenzene	**<152**	ug/L	506	152	500		08/05/19 10:58	98-06-6	
trans-1,2-Dichloroethene	**<545**	ug/L	1820	545	500		08/05/19 10:58	156-60-5	
trans-1,3-Dichloropropene	**<2190**	ug/L	7280	2190	500		08/05/19 10:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		500		08/05/19 10:58	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		500		08/05/19 10:58	1868-53-7	
Toluene-d8 (S)	97	%	70-130		500		08/05/19 10:58	2037-26-5	

Sample: CR-4 **Lab ID: 40192219004** Collected: 07/30/19 00:00 Received: 08/01/19 09:30 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		08/02/19 12:36	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/02/19 12:36	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		08/02/19 12:36	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		08/02/19 12:36	79-00-5	
1,1-Dichloroethane	**2.5**	ug/L	1.0	0.27	1		08/02/19 12:36	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		08/02/19 12:36	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		08/02/19 12:36	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		08/02/19 12:36	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		08/02/19 12:36	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/02/19 12:36	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		08/02/19 12:36	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		08/02/19 12:36	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		08/02/19 12:36	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		08/02/19 12:36	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		08/02/19 12:36	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		08/02/19 12:36	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		08/02/19 12:36	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		08/02/19 12:36	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		08/02/19 12:36	142-28-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: TD P3 CR
Pace Project No.: 40192219

Sample: CR-4 **Lab ID: 40192219004** Collected: 07/30/19 00:00 Received: 08/01/19 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		08/02/19 12:36	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		08/02/19 12:36	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		08/02/19 12:36	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		08/02/19 12:36	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		08/02/19 12:36	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		08/02/19 12:36	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/02/19 12:36	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		08/02/19 12:36	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		08/02/19 12:36	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		08/02/19 12:36	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		08/02/19 12:36	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		08/02/19 12:36	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		08/02/19 12:36	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		08/02/19 12:36	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		08/02/19 12:36	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		08/02/19 12:36	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		08/02/19 12:36	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		08/02/19 12:36	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		08/02/19 12:36	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		08/02/19 12:36	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		08/02/19 12:36	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		08/02/19 12:36	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		08/02/19 12:36	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		08/02/19 12:36	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		08/02/19 12:36	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		08/02/19 12:36	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		08/02/19 12:36	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		08/02/19 12:36	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/02/19 12:36	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		08/02/19 12:36	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/02/19 12:36	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		08/02/19 12:36	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		08/02/19 12:36	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		08/02/19 12:36	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		08/02/19 12:36	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		08/02/19 12:36	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		08/02/19 12:36	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		08/02/19 12:36	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		08/02/19 12:36	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		08/02/19 12:36	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		08/02/19 12:36	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		08/02/19 12:36	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		08/02/19 12:36	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		08/02/19 12:36	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		08/02/19 12:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: TD P3 CR
Pace Project No.: 40192219

Sample: CR-5 **Lab ID: 40192219005** Collected: 07/30/19 00:00 Received: 08/01/19 09:30 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		08/05/19 08:21	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/05/19 08:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		08/05/19 08:21	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		08/05/19 08:21	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		08/05/19 08:21	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		08/05/19 08:21	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		08/05/19 08:21	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		08/05/19 08:21	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		08/05/19 08:21	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/05/19 08:21	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		08/05/19 08:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		08/05/19 08:21	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		08/05/19 08:21	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		08/05/19 08:21	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		08/05/19 08:21	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		08/05/19 08:21	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		08/05/19 08:21	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		08/05/19 08:21	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		08/05/19 08:21	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		08/05/19 08:21	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		08/05/19 08:21	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		08/05/19 08:21	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		08/05/19 08:21	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		08/05/19 08:21	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		08/05/19 08:21	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/05/19 08:21	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		08/05/19 08:21	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		08/05/19 08:21	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		08/05/19 08:21	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		08/05/19 08:21	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		08/05/19 08:21	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		08/05/19 08:21	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		08/05/19 08:21	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		08/05/19 08:21	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		08/05/19 08:21	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		08/05/19 08:21	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		08/05/19 08:21	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		08/05/19 08:21	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		08/05/19 08:21	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		08/05/19 08:21	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		08/05/19 08:21	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		08/05/19 08:21	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		08/05/19 08:21	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		08/05/19 08:21	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		08/05/19 08:21	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		08/05/19 08:21	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

Project: TD P3 CR
Pace Project No.: 40192219

Sample: CR-5 **Lab ID: 40192219005** Collected: 07/30/19 00:00 Received: 08/01/19 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.17**	ug/L	5.0	0.17	1		08/05/19 08:21	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/05/19 08:21	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		08/05/19 08:21	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/05/19 08:21	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		08/05/19 08:21	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		08/05/19 08:21	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		08/05/19 08:21	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		08/05/19 08:21	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		08/05/19 08:21	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		08/05/19 08:21	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		08/05/19 08:21	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		08/05/19 08:21	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		08/05/19 08:21	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		08/05/19 08:21	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		08/05/19 08:21	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		08/05/19 08:21	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		08/05/19 08:21	1868-53-7	
Toluene-d8 (S)	91	%	70-130		1		08/05/19 08:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA

Project: TD P3 CR
Pace Project No.: 40192219

QC Batch: 329444 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40192219001, 40192219002, 40192219003, 40192219004, 40192219005

METHOD BLANK: 1911602 Matrix: Water
Associated Lab Samples: 40192219001, 40192219002, 40192219003, 40192219004, 40192219005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	08/02/19 08:01	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	08/02/19 08:01	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	08/02/19 08:01	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	08/02/19 08:01	
1,1-Dichloroethane	ug/L	<0.27	1.0	08/02/19 08:01	
1,1-Dichloroethene	ug/L	<0.24	1.0	08/02/19 08:01	
1,1-Dichloropropene	ug/L	<0.54	1.8	08/02/19 08:01	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	08/02/19 08:01	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	08/02/19 08:01	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	08/02/19 08:01	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	08/02/19 08:01	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	08/02/19 08:01	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	08/02/19 08:01	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	08/02/19 08:01	
1,2-Dichloroethane	ug/L	<0.28	1.0	08/02/19 08:01	
1,2-Dichloropropane	ug/L	<0.28	1.0	08/02/19 08:01	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	08/02/19 08:01	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	08/02/19 08:01	
1,3-Dichloropropane	ug/L	<0.83	2.8	08/02/19 08:01	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	08/02/19 08:01	
2,2-Dichloropropane	ug/L	<2.3	7.6	08/02/19 08:01	
2-Chlorotoluene	ug/L	<0.93	5.0	08/02/19 08:01	
4-Chlorotoluene	ug/L	<0.76	2.5	08/02/19 08:01	
Benzene	ug/L	<0.25	1.0	08/02/19 08:01	
Bromobenzene	ug/L	<0.24	1.0	08/02/19 08:01	
Bromochloromethane	ug/L	<0.36	5.0	08/02/19 08:01	
Bromodichloromethane	ug/L	<0.36	1.2	08/02/19 08:01	
Bromoform	ug/L	<4.0	13.2	08/02/19 08:01	
Bromomethane	ug/L	<0.97	5.0	08/02/19 08:01	
Carbon tetrachloride	ug/L	<0.17	1.0	08/02/19 08:01	
Chlorobenzene	ug/L	<0.71	2.4	08/02/19 08:01	
Chloroethane	ug/L	<1.3	5.0	08/02/19 08:01	
Chloroform	ug/L	<1.3	5.0	08/02/19 08:01	
Chloromethane	ug/L	<2.2	7.3	08/02/19 08:01	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	08/02/19 08:01	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	08/02/19 08:01	
Dibromochloromethane	ug/L	<2.6	8.7	08/02/19 08:01	
Dibromomethane	ug/L	<0.94	3.1	08/02/19 08:01	
Dichlorodifluoromethane	ug/L	<0.50	5.0	08/02/19 08:01	
Diisopropyl ether	ug/L	<1.9	6.3	08/02/19 08:01	
Ethylbenzene	ug/L	<0.22	1.0	08/02/19 08:01	

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: TD P3 CR
Pace Project No.: 40192219

METHOD BLANK: 1911602 Matrix: Water
Associated Lab Samples: 40192219001, 40192219002, 40192219003, 40192219004, 40192219005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	08/02/19 08:01	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	08/02/19 08:01	
m&p-Xylene	ug/L	<0.47	2.0	08/02/19 08:01	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	08/02/19 08:01	
Methylene Chloride	ug/L	<0.58	5.0	08/02/19 08:01	
n-Butylbenzene	ug/L	<0.71	2.4	08/02/19 08:01	
n-Propylbenzene	ug/L	<0.81	5.0	08/02/19 08:01	
Naphthalene	ug/L	<1.2	5.0	08/02/19 08:01	
o-Xylene	ug/L	<0.26	1.0	08/02/19 08:01	
p-Isopropyltoluene	ug/L	<0.80	2.7	08/02/19 08:01	
sec-Butylbenzene	ug/L	<0.85	5.0	08/02/19 08:01	
Styrene	ug/L	<0.47	1.6	08/02/19 08:01	
tert-Butylbenzene	ug/L	<0.30	1.0	08/02/19 08:01	
Tetrachloroethene	ug/L	<0.33	1.1	08/02/19 08:01	
Toluene	ug/L	<0.17	5.0	08/02/19 08:01	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	08/02/19 08:01	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	08/02/19 08:01	
Trichloroethene	ug/L	<0.26	1.0	08/02/19 08:01	
Trichlorofluoromethane	ug/L	<0.21	1.0	08/02/19 08:01	
Vinyl chloride	ug/L	<0.17	1.0	08/02/19 08:01	
4-Bromofluorobenzene (S)	%	91	70-130	08/02/19 08:01	
Dibromofluoromethane (S)	%	104	70-130	08/02/19 08:01	
Toluene-d8 (S)	%	96	70-130	08/02/19 08:01	

LABORATORY CONTROL SAMPLE: 1911603

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	62.7	125	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	56.5	113	70-130	
1,1,2-Trichloroethane	ug/L	50	54.9	110	70-130	
1,1-Dichloroethane	ug/L	50	50.5	101	73-150	
1,1-Dichloroethene	ug/L	50	55.6	111	73-138	
1,2,4-Trichlorobenzene	ug/L	50	58.5	117	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	55.3	111	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	54.5	109	70-130	
1,2-Dichlorobenzene	ug/L	50	54.1	108	70-130	
1,2-Dichloroethane	ug/L	50	56.8	114	75-140	
1,2-Dichloropropane	ug/L	50	50.2	100	73-135	
1,3-Dichlorobenzene	ug/L	50	53.6	107	70-130	
1,4-Dichlorobenzene	ug/L	50	54.6	109	70-130	
Benzene	ug/L	50	58.6	117	70-130	
Bromodichloromethane	ug/L	50	57.6	115	70-130	
Bromoform	ug/L	50	55.6	111	68-129	
Bromomethane	ug/L	50	36.8	74	18-159	

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.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA

Project: TD P3 CR
Pace Project No.: 40192219

LABORATORY CONTROL SAMPLE: 1911603

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	65.0	130	70-130	
Chlorobenzene	ug/L	50	55.7	111	70-130	
Chloroethane	ug/L	50	50.1	100	53-147	
Chloroform	ug/L	50	58.1	116	74-136	
Chloromethane	ug/L	50	40.3	81	29-115	
cis-1,2-Dichloroethene	ug/L	50	52.5	105	70-130	
cis-1,3-Dichloropropene	ug/L	50	61.9	124	70-130	
Dibromochloromethane	ug/L	50	52.5	105	70-130	
Dichlorodifluoromethane	ug/L	50	45.1	90	10-130	
Ethylbenzene	ug/L	50	58.5	117	80-124	
Isopropylbenzene (Cumene)	ug/L	50	61.6	123	70-130	
m&p-Xylene	ug/L	100	120	120	70-130	
Methyl-tert-butyl ether	ug/L	50	59.2	118	54-137	
Methylene Chloride	ug/L	50	52.3	105	73-138	
o-Xylene	ug/L	50	58.4	117	70-130	
Styrene	ug/L	50	59.3	119	70-130	
Tetrachloroethene	ug/L	50	59.8	120	70-130	
Toluene	ug/L	50	58.7	117	80-126	
trans-1,2-Dichloroethene	ug/L	50	57.4	115	73-145	
trans-1,3-Dichloropropene	ug/L	50	55.4	111	70-130	
Trichloroethene	ug/L	50	58.7	117	70-130	
Trichlorofluoromethane	ug/L	50	60.5	121	76-147	
Vinyl chloride	ug/L	50	48.8	98	51-120	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1911830 1911831

Parameter	Units	40192195001 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	<0.24	50	50	47.0	40.4	94	81	70-130	15	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	45.9	37.6	92	75	70-130	20	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	40.6	37.4	81	75	70-137	8	20	
1,1-Dichloroethane	ug/L	0.31J	50	50	39.4	31.2	78	62	73-153	23	20	M1,R1
1,1-Dichloroethene	ug/L	<0.24	50	50	41.5	36.3	83	73	73-138	14	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	46.5	40.1	93	80	70-130	15	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	42.7	36.6	85	73	58-129	15	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	41.4	37.1	83	74	70-130	11	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	43.2	36.1	86	72	70-130	18	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	42.5	35.4	85	71	75-140	18	20	M1
1,2-Dichloropropane	ug/L	<0.28	50	50	38.3	31.2	77	62	71-138	20	20	M1
1,3-Dichlorobenzene	ug/L	<0.63	50	50	41.7	36.0	83	72	70-130	15	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	42.8	35.7	86	71	70-130	18	20	

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.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: TD P3 CR
Pace Project No.: 40192219

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1911830 1911831

Parameter	Units	40192195001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.25	50	50	43.9	36.0	88	72	70-130	20	20	
Bromodichloromethane	ug/L	<0.36	50	50	44.0	41.5	88	83	70-130	6	20	
Bromoform	ug/L	<4.0	50	50	41.9	36.6	84	73	68-129	14	20	
Bromomethane	ug/L	<0.97	50	50	34.0	28.8	68	58	15-170	17	20	
Carbon tetrachloride	ug/L	<0.17	50	50	49.9	42.1	100	84	70-130	17	20	
Chlorobenzene	ug/L	<0.71	50	50	42.0	38.3	84	77	70-130	9	20	
Chloroethane	ug/L	<1.3	50	50	39.8	35.4	78	70	51-148	12	20	
Chloroform	ug/L	<1.3	50	50	44.1	36.5	88	73	74-136	19	20	M1
Chloromethane	ug/L	<2.2	50	50	30.2	26.6	60	53	23-115	13	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	43.3	33.8	87	68	70-131	25	20	M1,R1
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	46.4	41.3	93	83	70-130	12	20	
Dibromochloromethane	ug/L	<2.6	50	50	40.6	35.7	81	71	70-130	13	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	35.5	30.5	71	61	10-132	15	20	
Ethylbenzene	ug/L	<0.22	50	50	43.7	39.0	87	78	80-125	11	20	M1
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	45.8	40.6	92	81	70-130	12	20	
m&p-Xylene	ug/L	<0.47	100	100	88.4	80.0	88	80	70-130	10	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	44.5	36.5	89	73	51-145	20	20	
Methylene Chloride	ug/L	<0.58	50	50	39.4	34.6	79	69	73-140	13	20	M1
o-Xylene	ug/L	<0.26	50	50	42.4	37.2	85	74	70-130	13	20	
Styrene	ug/L	<0.47	50	50	44.0	39.1	88	78	70-130	12	20	
Tetrachloroethene	ug/L	<0.33	50	50	45.9	41.2	92	82	70-130	11	20	
Toluene	ug/L	<0.17	50	50	45.0	40.0	90	80	80-131	12	20	
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	43.7	37.4	87	75	73-148	16	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	41.6	36.4	83	73	70-130	13	20	
Trichloroethene	ug/L	<0.26	50	50	44.2	37.8	88	76	70-130	16	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	44.3	40.1	89	80	74-147	10	20	
Vinyl chloride	ug/L	<0.17	50	50	38.7	32.4	77	65	41-129	18	20	
4-Bromofluorobenzene (S)	%						100	101	70-130			
Dibromofluoromethane (S)	%						96	94	70-130			
Toluene-d8 (S)	%						100	100	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.

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: TD P3 CR
Pace Project No.: 40192219

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

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: TD P3 CR
Pace Project No.: 40192219

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40192219001	**CR-1**	EPA 8260	329444		
40192219002	**CR-2**	EPA 8260	329444		
40192219003	**CR-3**	EPA 8260	329444		
40192219004	**CR-4**	EPA 8260	329444		
40192219005	**CR-5**	EPA 8260	329444		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

40192219

Page: of

MSC

Section A Required Client Information:

Company:	Environmental Audits Inc.
Address:	11327 W Lincoln Avenue
	West Allis Wi 53051
Email To:	john@environmentalaudits.net
Phone: 414-226-5563	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	jrruetz@yahoo.com;
Copy To:	eeriii@wi.rr.com; john@environmentalaudits.net
	steph@environmentalaudits.net
Purchase Order No.:	Verbal
Project Name:	TD P3 CR
Project Number:	

Section C Invoice Information:

Attention:	John Ruetz
Company Name:	Environmental Audits Inc.
Address:	11327 W Lincoln Avenue
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WI

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	CR-1 001	GW	G	7/30/19					3				x					N	3		
2	CR-2 002	GW	G	7/30/19					3				x						3		
3	CR-3 003	GW	G	7/30/19					3				x						3		
4	CR-4 004	GW	G	7/30/19					3				x						3		
5	CR-5 005	GW	G	7/30/19					3				x						3		
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Stephanie Wagner	7/31/19 7/30/19	10:48	Mary Fannin	7/31/19	10:48	
	Mary Fannin	7/31/19	1230				
	ES Logistics	8/1/19	0930	[illegible]	8/1/19	0930	601 4 4 4

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Stephanie Wagner

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 7/30/19

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
601	4	4	4

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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

Sample Preservation Receipt Form

Client Name: Fmu Audit Project # U0192219

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	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																		3															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																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																B/111R 9a																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
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

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	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:	

Pace Analytical 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)

Project #:

WO#: 40192219

40192219

Client Name: Env Audits

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 - 11K **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 0.1 /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.

Person examining contents:
Date: 8/1/19
Initials: PG

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☑No ☐N/A	2. pg # 8/1/19
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:		8.
For Analysis: ☑Yes ☐No MS/MSD:	☐Yes ☑No ☐N/A	
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:	☐Yes ☑No ☐N/A	12. Time. One label per (3vial) sample point 8/1/19 PG
-Includes date/time/ID/Analysis Matrix: W		
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:

Project Manager Review: Rvw for DR **Date:** 08/01/19

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

October 15, 2019

John Ruetz
Environmental Audits Inc
11327 W Lincoln Ave
West Allis, WI 53227

RE: Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

Dear John Ruetz:
Enclosed are the analytical results for sample(s) received by the laboratory on October 10, 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,

Dan Milewsky

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Ed Raymond, Environmental Audits, Inc
Steve Tiber, Environmental Audits Inc.
Stephanie Wagner, Environmental Audits, Inc.

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

CERTIFICATIONS

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

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

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

SAMPLE SUMMARY

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40196952001	CR1	Water	10/09/19 12:00	10/10/19 09:15
40196952002	CR2	Water	10/09/19 12:00	10/10/19 09:15
40196952003	CR3	Water	10/09/19 12:00	10/10/19 09:15
40196952004	CR5	Water	10/09/19 12:00	10/10/19 09:15
40196952005	MW-14	Water	10/09/19 12:00	10/10/19 09:15
40196952006	MW-24	Water	10/09/19 12:00	10/10/19 09:15

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SAMPLE ANALYTE COUNT

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40196952001	**CR1**	EPA 8260	LAP	64
40196952002	**CR2**	EPA 8260	LAP	64
40196952003	**CR3**	EPA 8260	LAP	64
40196952004	**CR5**	EPA 8260	LAP	64
40196952005	**MW-14**	EPA 8260	LAP	64
40196952006	**MW-24**	EPA 8260	LAP	64

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ANALYTICAL RESULTS

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

Sample: CR1 **Lab ID: 40196952001** Collected: 10/09/19 12:00 Received: 10/10/19 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.67**	ug/L	2.5	0.67	2.5		10/14/19 12:50	630-20-6	
1,1,1-Trichloroethane	**44.0**	ug/L	2.5	0.61	2.5		10/14/19 12:50	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.69**	ug/L	2.5	0.69	2.5		10/14/19 12:50	79-34-5	
1,1,2-Trichloroethane	**<1.4**	ug/L	12.5	1.4	2.5		10/14/19 12:50	79-00-5	
1,1-Dichloroethane	**370**	ug/L	2.5	0.68	2.5		10/14/19 12:50	75-34-3	
1,1-Dichloroethene	**2.4J**	ug/L	2.5	0.61	2.5		10/14/19 12:50	75-35-4	
1,1-Dichloropropene	**<1.4**	ug/L	4.5	1.4	2.5		10/14/19 12:50	563-58-6	
1,2,3-Trichlorobenzene	**<1.6**	ug/L	12.5	1.6	2.5		10/14/19 12:50	87-61-6	
1,2,3-Trichloropropane	**<1.5**	ug/L	12.5	1.5	2.5		10/14/19 12:50	96-18-4	
1,2,4-Trichlorobenzene	**<2.4**	ug/L	12.5	2.4	2.5		10/14/19 12:50	120-82-1	
1,2,4-Trimethylbenzene	**<2.1**	ug/L	7.0	2.1	2.5		10/14/19 12:50	95-63-6	
1,2-Dibromo-3-chloropropane	**<4.4**	ug/L	14.7	4.4	2.5		10/14/19 12:50	96-12-8	
1,2-Dibromoethane (EDB)	**<2.1**	ug/L	6.9	2.1	2.5		10/14/19 12:50	106-93-4	
1,2-Dichlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		10/14/19 12:50	95-50-1	
1,2-Dichloroethane	**1.8J**	ug/L	2.5	0.70	2.5		10/14/19 12:50	107-06-2	
1,2-Dichloropropane	**<0.71**	ug/L	2.5	0.71	2.5		10/14/19 12:50	78-87-5	
1,3,5-Trimethylbenzene	**<2.2**	ug/L	7.3	2.2	2.5		10/14/19 12:50	108-67-8	
1,3-Dichlorobenzene	**<1.6**	ug/L	5.2	1.6	2.5		10/14/19 12:50	541-73-1	
1,3-Dichloropropane	**<2.1**	ug/L	6.9	2.1	2.5		10/14/19 12:50	142-28-9	
1,4-Dichlorobenzene	**<2.4**	ug/L	7.9	2.4	2.5		10/14/19 12:50	106-46-7	
2,2-Dichloropropane	**<5.7**	ug/L	18.9	5.7	2.5		10/14/19 12:50	594-20-7	
2-Chlorotoluene	**<2.3**	ug/L	12.5	2.3	2.5		10/14/19 12:50	95-49-8	
4-Chlorotoluene	**<1.9**	ug/L	6.3	1.9	2.5		10/14/19 12:50	106-43-4	
Benzene	**<0.62**	ug/L	2.5	0.62	2.5		10/14/19 12:50	71-43-2	
Bromobenzene	**<0.60**	ug/L	2.5	0.60	2.5		10/14/19 12:50	108-86-1	
Bromochloromethane	**<0.91**	ug/L	12.5	0.91	2.5		10/14/19 12:50	74-97-5	
Bromodichloromethane	**<0.91**	ug/L	3.0	0.91	2.5		10/14/19 12:50	75-27-4	
Bromoform	**<9.9**	ug/L	33.1	9.9	2.5		10/14/19 12:50	75-25-2	
Bromomethane	**<2.4**	ug/L	12.5	2.4	2.5		10/14/19 12:50	74-83-9	
Carbon tetrachloride	**<0.41**	ug/L	2.5	0.41	2.5		10/14/19 12:50	56-23-5	
Chlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		10/14/19 12:50	108-90-7	
Chloroethane	**4.9J**	ug/L	12.5	3.4	2.5		10/14/19 12:50	75-00-3	
Chloroform	**<3.2**	ug/L	12.5	3.2	2.5		10/14/19 12:50	67-66-3	
Chloromethane	**<5.5**	ug/L	18.2	5.5	2.5		10/14/19 12:50	74-87-3	
Dibromochloromethane	**<6.5**	ug/L	21.7	6.5	2.5		10/14/19 12:50	124-48-1	
Dibromomethane	**<2.3**	ug/L	7.8	2.3	2.5		10/14/19 12:50	74-95-3	
Dichlorodifluoromethane	**<1.2**	ug/L	12.5	1.2	2.5		10/14/19 12:50	75-71-8	
Diisopropyl ether	**<4.7**	ug/L	15.7	4.7	2.5		10/14/19 12:50	108-20-3	
Ethylbenzene	**<0.55**	ug/L	2.5	0.55	2.5		10/14/19 12:50	100-41-4	
Hexachloro-1,3-butadiene	**<3.0**	ug/L	12.5	3.0	2.5		10/14/19 12:50	87-68-3	
Isopropylbenzene (Cumene)	**<0.98**	ug/L	12.5	0.98	2.5		10/14/19 12:50	98-82-8	
Methyl-tert-butyl ether	**<3.1**	ug/L	10.4	3.1	2.5		10/14/19 12:50	1634-04-4	
Methylene Chloride	**<1.5**	ug/L	12.5	1.5	2.5		10/14/19 12:50	75-09-2	
Naphthalene	**<2.9**	ug/L	12.5	2.9	2.5		10/14/19 12:50	91-20-3	
Styrene	**<1.2**	ug/L	3.9	1.2	2.5		10/14/19 12:50	100-42-5	
Tetrachloroethene	**<0.82**	ug/L	2.7	0.82	2.5		10/14/19 12:50	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

Sample: CR1 **Lab ID: 40196952001** Collected: 10/09/19 12:00 Received: 10/10/19 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.43**	ug/L	12.5	0.43	2.5		10/14/19 12:50	108-88-3	
Trichloroethene	**<0.64**	ug/L	2.5	0.64	2.5		10/14/19 12:50	79-01-6	
Trichlorofluoromethane	**<0.54**	ug/L	2.5	0.54	2.5		10/14/19 12:50	75-69-4	
Vinyl chloride	**7.5**	ug/L	2.5	0.44	2.5		10/14/19 12:50	75-01-4	
cis-1,2-Dichloroethene	**<0.68**	ug/L	2.5	0.68	2.5		10/14/19 12:50	156-59-2	
cis-1,3-Dichloropropene	**<9.1**	ug/L	30.2	9.1	2.5		10/14/19 12:50	10061-01-5	
m&p-Xylene	**<1.2**	ug/L	5.0	1.2	2.5		10/14/19 12:50	179601-23-1	
n-Butylbenzene	**<1.8**	ug/L	5.9	1.8	2.5		10/14/19 12:50	104-51-8	
n-Propylbenzene	**<2.0**	ug/L	12.5	2.0	2.5		10/14/19 12:50	103-65-1	
o-Xylene	**<0.65**	ug/L	2.5	0.65	2.5		10/14/19 12:50	95-47-6	
p-Isopropyltoluene	**<2.0**	ug/L	6.7	2.0	2.5		10/14/19 12:50	99-87-6	
sec-Butylbenzene	**<2.1**	ug/L	12.5	2.1	2.5		10/14/19 12:50	135-98-8	
tert-Butylbenzene	**<0.76**	ug/L	2.5	0.76	2.5		10/14/19 12:50	98-06-6	
trans-1,2-Dichloroethene	**<2.7**	ug/L	9.1	2.7	2.5		10/14/19 12:50	156-60-5	
trans-1,3-Dichloropropene	**<10.9**	ug/L	36.4	10.9	2.5		10/14/19 12:50	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		2.5		10/14/19 12:50	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		2.5		10/14/19 12:50	1868-53-7	
Toluene-d8 (S)	98	%	70-130		2.5		10/14/19 12:50	2037-26-5	

Sample: CR2 **Lab ID: 40196952002** Collected: 10/09/19 12:00 Received: 10/10/19 09:15 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		10/11/19 14:26	630-20-6	
1,1,1-Trichloroethane	**98.3**	ug/L	1.0	0.24	1		10/11/19 14:26	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		10/11/19 14:26	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		10/11/19 14:26	79-00-5	
1,1-Dichloroethane	**32.4**	ug/L	1.0	0.27	1		10/11/19 14:26	75-34-3	
1,1-Dichloroethene	**5.5**	ug/L	1.0	0.24	1		10/11/19 14:26	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		10/11/19 14:26	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		10/11/19 14:26	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		10/11/19 14:26	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/11/19 14:26	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		10/11/19 14:26	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		10/11/19 14:26	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		10/11/19 14:26	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		10/11/19 14:26	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		10/11/19 14:26	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		10/11/19 14:26	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		10/11/19 14:26	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		10/11/19 14:26	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		10/11/19 14:26	142-28-9	

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ANALYTICAL RESULTS

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

Sample: CR2 **Lab ID: 40196952002** Collected: 10/09/19 12:00 Received: 10/10/19 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		10/11/19 14:26	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		10/11/19 14:26	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		10/11/19 14:26	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		10/11/19 14:26	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		10/11/19 14:26	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		10/11/19 14:26	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		10/11/19 14:26	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		10/11/19 14:26	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		10/11/19 14:26	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		10/11/19 14:26	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		10/11/19 14:26	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		10/11/19 14:26	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		10/11/19 14:26	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		10/11/19 14:26	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		10/11/19 14:26	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		10/11/19 14:26	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		10/11/19 14:26	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		10/11/19 14:26	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		10/11/19 14:26	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		10/11/19 14:26	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		10/11/19 14:26	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		10/11/19 14:26	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		10/11/19 14:26	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		10/11/19 14:26	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		10/11/19 14:26	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		10/11/19 14:26	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		10/11/19 14:26	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		10/11/19 14:26	108-88-3	
Trichloroethene	**15.8**	ug/L	1.0	0.26	1		10/11/19 14:26	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		10/11/19 14:26	75-69-4	
Vinyl chloride	**0.72J**	ug/L	1.0	0.17	1		10/11/19 14:26	75-01-4	
cis-1,2-Dichloroethene	**14.2**	ug/L	1.0	0.27	1		10/11/19 14:26	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		10/11/19 14:26	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		10/11/19 14:26	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		10/11/19 14:26	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		10/11/19 14:26	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		10/11/19 14:26	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		10/11/19 14:26	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		10/11/19 14:26	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		10/11/19 14:26	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		10/11/19 14:26	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		10/11/19 14:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		10/11/19 14:26	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		10/11/19 14:26	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		10/11/19 14:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

Sample: CR3 **Lab ID: 40196952003** Collected: 10/09/19 12:00 Received: 10/10/19 09:15 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		10/14/19 09:10	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		10/14/19 09:10	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		10/14/19 09:10	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		10/14/19 09:10	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		10/14/19 09:10	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		10/14/19 09:10	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		10/14/19 09:10	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		10/14/19 09:10	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		10/14/19 09:10	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/14/19 09:10	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		10/14/19 09:10	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		10/14/19 09:10	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		10/14/19 09:10	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		10/14/19 09:10	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		10/14/19 09:10	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		10/14/19 09:10	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		10/14/19 09:10	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		10/14/19 09:10	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		10/14/19 09:10	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		10/14/19 09:10	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		10/14/19 09:10	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		10/14/19 09:10	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		10/14/19 09:10	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		10/14/19 09:10	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		10/14/19 09:10	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		10/14/19 09:10	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		10/14/19 09:10	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		10/14/19 09:10	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		10/14/19 09:10	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		10/14/19 09:10	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		10/14/19 09:10	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		10/14/19 09:10	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		10/14/19 09:10	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		10/14/19 09:10	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		10/14/19 09:10	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		10/14/19 09:10	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		10/14/19 09:10	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		10/14/19 09:10	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		10/14/19 09:10	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		10/14/19 09:10	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		10/14/19 09:10	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		10/14/19 09:10	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		10/14/19 09:10	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		10/14/19 09:10	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		10/14/19 09:10	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		10/14/19 09:10	127-18-4	

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ANALYTICAL RESULTS

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

Sample: CR3 **Lab ID: 40196952003** Collected: 10/09/19 12:00 Received: 10/10/19 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.17**	ug/L	5.0	0.17	1		10/14/19 09:10	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		10/14/19 09:10	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		10/14/19 09:10	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/14/19 09:10	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		10/14/19 09:10	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		10/14/19 09:10	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		10/14/19 09:10	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		10/14/19 09:10	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		10/14/19 09:10	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		10/14/19 09:10	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		10/14/19 09:10	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		10/14/19 09:10	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		10/14/19 09:10	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		10/14/19 09:10	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		10/14/19 09:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/14/19 09:10	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/14/19 09:10	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		10/14/19 09:10	2037-26-5	

Sample: CR5 **Lab ID: 40196952004** Collected: 10/09/19 12:00 Received: 10/10/19 09:15 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		10/11/19 14:48	630-20-6	
1,1,1-Trichloroethane	**6480**	ug/L	250	61.2	250		10/14/19 14:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		10/11/19 14:48	79-34-5	
1,1,2-Trichloroethane	**8.9**	ug/L	5.0	0.55	1		10/11/19 14:48	79-00-5	
1,1-Dichloroethane	**34300**	ug/L	250	68.1	250		10/14/19 14:18	75-34-3	
1,1-Dichloroethene	**1140**	ug/L	250	61.2	250		10/14/19 14:18	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		10/11/19 14:48	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		10/11/19 14:48	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		10/11/19 14:48	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/11/19 14:48	120-82-1	
1,2,4-Trimethylbenzene	**3.1**	ug/L	2.8	0.84	1		10/11/19 14:48	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		10/11/19 14:48	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		10/11/19 14:48	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		10/11/19 14:48	95-50-1	
1,2-Dichloroethane	**125**	ug/L	1.0	0.28	1		10/11/19 14:48	107-06-2	
1,2-Dichloropropane	**0.41J**	ug/L	1.0	0.28	1		10/11/19 14:48	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		10/11/19 14:48	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		10/11/19 14:48	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		10/11/19 14:48	142-28-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

Sample: CR5 **Lab ID: 40196952004** Collected: 10/09/19 12:00 Received: 10/10/19 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		10/11/19 14:48	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		10/11/19 14:48	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		10/11/19 14:48	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		10/11/19 14:48	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		10/11/19 14:48	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		10/11/19 14:48	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		10/11/19 14:48	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		10/11/19 14:48	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		10/11/19 14:48	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		10/11/19 14:48	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		10/11/19 14:48	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		10/11/19 14:48	108-90-7	
Chloroethane	**30500**	ug/L	1250	336	250		10/14/19 14:18	75-00-3	
Chloroform	**5.0**	ug/L	5.0	1.3	1		10/11/19 14:48	67-66-3	
Chloromethane	**9.6**	ug/L	7.3	2.2	1		10/11/19 14:48	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		10/11/19 14:48	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		10/11/19 14:48	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		10/11/19 14:48	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		10/11/19 14:48	108-20-3	
Ethylbenzene	**9.3**	ug/L	1.0	0.22	1		10/11/19 14:48	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		10/11/19 14:48	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		10/11/19 14:48	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		10/11/19 14:48	1634-04-4	
Methylene Chloride	**119**	ug/L	5.0	0.58	1		10/11/19 14:48	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		10/11/19 14:48	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		10/11/19 14:48	100-42-5	
Tetrachloroethene	**19.9**	ug/L	1.1	0.33	1		10/11/19 14:48	127-18-4	
Toluene	**94.5**	ug/L	5.0	0.17	1		10/11/19 14:48	108-88-3	
Trichloroethene	**14.2**	ug/L	1.0	0.26	1		10/11/19 14:48	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		10/11/19 14:48	75-69-4	
Vinyl chloride	**1390**	ug/L	250	43.7	250		10/14/19 14:18	75-01-4	
cis-1,2-Dichloroethene	**75.7**	ug/L	1.0	0.27	1		10/11/19 14:48	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		10/11/19 14:48	10061-01-5	
m&p-Xylene	**29.7**	ug/L	2.0	0.47	1		10/11/19 14:48	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		10/11/19 14:48	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		10/11/19 14:48	103-65-1	
o-Xylene	**10.7**	ug/L	1.0	0.26	1		10/11/19 14:48	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		10/11/19 14:48	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		10/11/19 14:48	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		10/11/19 14:48	98-06-6	
trans-1,2-Dichloroethene	**33.4**	ug/L	3.6	1.1	1		10/11/19 14:48	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		10/11/19 14:48	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/11/19 14:48	460-00-4	
Dibromofluoromethane (S)	117	%	70-130		1		10/11/19 14:48	1868-53-7	
Toluene-d8 (S)	107	%	70-130		1		10/11/19 14:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

Sample: MW-14 **Lab ID: 40196952005** Collected: 10/09/19 12:00 Received: 10/10/19 09:15 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		10/14/19 11:22	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		10/14/19 11:22	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		10/14/19 11:22	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		10/14/19 11:22	79-00-5	
1,1-Dichloroethane	**7.1**	ug/L	1.0	0.27	1		10/14/19 11:22	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		10/14/19 11:22	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		10/14/19 11:22	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		10/14/19 11:22	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		10/14/19 11:22	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/14/19 11:22	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		10/14/19 11:22	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		10/14/19 11:22	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		10/14/19 11:22	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		10/14/19 11:22	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		10/14/19 11:22	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		10/14/19 11:22	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		10/14/19 11:22	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		10/14/19 11:22	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		10/14/19 11:22	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		10/14/19 11:22	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		10/14/19 11:22	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		10/14/19 11:22	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		10/14/19 11:22	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		10/14/19 11:22	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		10/14/19 11:22	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		10/14/19 11:22	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		10/14/19 11:22	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		10/14/19 11:22	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		10/14/19 11:22	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		10/14/19 11:22	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		10/14/19 11:22	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		10/14/19 11:22	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		10/14/19 11:22	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		10/14/19 11:22	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		10/14/19 11:22	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		10/14/19 11:22	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		10/14/19 11:22	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		10/14/19 11:22	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		10/14/19 11:22	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		10/14/19 11:22	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		10/14/19 11:22	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		10/14/19 11:22	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		10/14/19 11:22	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		10/14/19 11:22	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		10/14/19 11:22	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		10/14/19 11:22	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

Sample: MW-14 **Lab ID: 40196952005** Collected: 10/09/19 12:00 Received: 10/10/19 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.17**	ug/L	5.0	0.17	1		10/14/19 11:22	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		10/14/19 11:22	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		10/14/19 11:22	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/14/19 11:22	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		10/14/19 11:22	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		10/14/19 11:22	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		10/14/19 11:22	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		10/14/19 11:22	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		10/14/19 11:22	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		10/14/19 11:22	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		10/14/19 11:22	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		10/14/19 11:22	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		10/14/19 11:22	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		10/14/19 11:22	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		10/14/19 11:22	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/14/19 11:22	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		10/14/19 11:22	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		10/14/19 11:22	2037-26-5	

Sample: MW-24 **Lab ID: 40196952006** Collected: 10/09/19 12:00 Received: 10/10/19 09:15 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		10/14/19 08:48	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		10/14/19 08:48	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		10/14/19 08:48	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		10/14/19 08:48	79-00-5	
1,1-Dichloroethane	**0.48J**	ug/L	1.0	0.27	1		10/14/19 08:48	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		10/14/19 08:48	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		10/14/19 08:48	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		10/14/19 08:48	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		10/14/19 08:48	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/14/19 08:48	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		10/14/19 08:48	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		10/14/19 08:48	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		10/14/19 08:48	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		10/14/19 08:48	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		10/14/19 08:48	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		10/14/19 08:48	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		10/14/19 08:48	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		10/14/19 08:48	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		10/14/19 08:48	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

Sample: MW-24 **Lab ID: 40196952006** Collected: 10/09/19 12:00 Received: 10/10/19 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		10/14/19 08:48	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		10/14/19 08:48	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		10/14/19 08:48	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		10/14/19 08:48	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		10/14/19 08:48	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		10/14/19 08:48	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		10/14/19 08:48	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		10/14/19 08:48	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		10/14/19 08:48	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		10/14/19 08:48	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		10/14/19 08:48	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		10/14/19 08:48	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		10/14/19 08:48	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		10/14/19 08:48	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		10/14/19 08:48	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		10/14/19 08:48	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		10/14/19 08:48	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		10/14/19 08:48	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		10/14/19 08:48	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		10/14/19 08:48	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		10/14/19 08:48	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		10/14/19 08:48	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		10/14/19 08:48	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		10/14/19 08:48	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		10/14/19 08:48	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		10/14/19 08:48	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		10/14/19 08:48	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		10/14/19 08:48	108-88-3	
Trichloroethene	**0.64J**	ug/L	1.0	0.26	1		10/14/19 08:48	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		10/14/19 08:48	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/14/19 08:48	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		10/14/19 08:48	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		10/14/19 08:48	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		10/14/19 08:48	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		10/14/19 08:48	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		10/14/19 08:48	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		10/14/19 08:48	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		10/14/19 08:48	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		10/14/19 08:48	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		10/14/19 08:48	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		10/14/19 08:48	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		10/14/19 08:48	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		10/14/19 08:48	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		10/14/19 08:48	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/14/19 08:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical®
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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

QC Batch: 337078 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40196952001, 40196952002, 40196952003, 40196952004, 40196952005, 40196952006

METHOD BLANK: 1957829 Matrix: Water
Associated Lab Samples: 40196952001, 40196952002, 40196952003, 40196952004, 40196952005, 40196952006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	10/11/19 09:38	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	10/11/19 09:38	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	10/11/19 09:38	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	10/11/19 09:38	
1,1-Dichloroethane	ug/L	<0.27	1.0	10/11/19 09:38	
1,1-Dichloroethene	ug/L	<0.24	1.0	10/11/19 09:38	
1,1-Dichloropropene	ug/L	<0.54	1.8	10/11/19 09:38	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	10/11/19 09:38	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	10/11/19 09:38	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	10/11/19 09:38	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	10/11/19 09:38	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	10/11/19 09:38	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	10/11/19 09:38	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	10/11/19 09:38	
1,2-Dichloroethane	ug/L	<0.28	1.0	10/11/19 09:38	
1,2-Dichloropropane	ug/L	<0.28	1.0	10/11/19 09:38	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	10/11/19 09:38	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	10/11/19 09:38	
1,3-Dichloropropane	ug/L	<0.83	2.8	10/11/19 09:38	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	10/11/19 09:38	
2,2-Dichloropropane	ug/L	<2.3	7.6	10/11/19 09:38	
2-Chlorotoluene	ug/L	<0.93	5.0	10/11/19 09:38	
4-Chlorotoluene	ug/L	<0.76	2.5	10/11/19 09:38	
Benzene	ug/L	<0.25	1.0	10/11/19 09:38	
Bromobenzene	ug/L	<0.24	1.0	10/11/19 09:38	
Bromochloromethane	ug/L	<0.36	5.0	10/11/19 09:38	
Bromodichloromethane	ug/L	<0.36	1.2	10/11/19 09:38	
Bromoform	ug/L	<4.0	13.2	10/11/19 09:38	
Bromomethane	ug/L	<0.97	5.0	10/11/19 09:38	
Carbon tetrachloride	ug/L	<0.17	1.0	10/11/19 09:38	
Chlorobenzene	ug/L	<0.71	2.4	10/11/19 09:38	
Chloroethane	ug/L	<1.3	5.0	10/11/19 09:38	
Chloroform	ug/L	<1.3	5.0	10/11/19 09:38	
Chloromethane	ug/L	<2.2	7.3	10/11/19 09:38	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	10/11/19 09:38	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	10/11/19 09:38	
Dibromochloromethane	ug/L	<2.6	8.7	10/11/19 09:38	
Dibromomethane	ug/L	<0.94	3.1	10/11/19 09:38	
Dichlorodifluoromethane	ug/L	<0.50	5.0	10/11/19 09:38	
Diisopropyl ether	ug/L	<1.9	6.3	10/11/19 09:38	
Ethylbenzene	ug/L	<0.22	1.0	10/11/19 09:38	

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REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

METHOD BLANK: 1957829 Matrix: Water
Associated Lab Samples: 40196952001, 40196952002, 40196952003, 40196952004, 40196952005, 40196952006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	10/11/19 09:38	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	10/11/19 09:38	
m&p-Xylene	ug/L	<0.47	2.0	10/11/19 09:38	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	10/11/19 09:38	
Methylene Chloride	ug/L	<0.58	5.0	10/11/19 09:38	
n-Butylbenzene	ug/L	<0.71	2.4	10/11/19 09:38	
n-Propylbenzene	ug/L	<0.81	5.0	10/11/19 09:38	
Naphthalene	ug/L	<1.2	5.0	10/11/19 09:38	
o-Xylene	ug/L	<0.26	1.0	10/11/19 09:38	
p-Isopropyltoluene	ug/L	<0.80	2.7	10/11/19 09:38	
sec-Butylbenzene	ug/L	<0.85	5.0	10/11/19 09:38	
Styrene	ug/L	<0.47	1.6	10/11/19 09:38	
tert-Butylbenzene	ug/L	<0.30	1.0	10/11/19 09:38	
Tetrachloroethene	ug/L	<0.33	1.1	10/11/19 09:38	
Toluene	ug/L	<0.17	5.0	10/11/19 09:38	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	10/11/19 09:38	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	10/11/19 09:38	
Trichloroethene	ug/L	<0.26	1.0	10/11/19 09:38	
Trichlorofluoromethane	ug/L	<0.21	1.0	10/11/19 09:38	
Vinyl chloride	ug/L	<0.17	1.0	10/11/19 09:38	
4-Bromofluorobenzene (S)	%	89	70-130	10/11/19 09:38	
Dibromofluoromethane (S)	%	98	70-130	10/11/19 09:38	
Toluene-d8 (S)	%	99	70-130	10/11/19 09:38	

LABORATORY CONTROL SAMPLE: 1957830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	59.9	120	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.4	105	70-130	
1,1,2-Trichloroethane	ug/L	50	54.2	108	70-130	
1,1-Dichloroethane	ug/L	50	59.3	119	73-150	
1,1-Dichloroethene	ug/L	50	57.2	114	73-138	
1,2,4-Trichlorobenzene	ug/L	50	48.0	96	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.8	104	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	52.8	106	70-130	
1,2-Dichlorobenzene	ug/L	50	52.5	105	70-130	
1,2-Dichloroethane	ug/L	50	53.5	107	75-140	
1,2-Dichloropropane	ug/L	50	53.5	107	73-135	
1,3-Dichlorobenzene	ug/L	50	52.4	105	70-130	
1,4-Dichlorobenzene	ug/L	50	51.5	103	70-130	
Benzene	ug/L	50	55.0	110	70-130	
Bromodichloromethane	ug/L	50	55.9	112	70-130	
Bromoform	ug/L	50	56.9	114	68-129	
Bromomethane	ug/L	50	33.6	67	18-159	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

LABORATORY CONTROL SAMPLE: 1957830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	57.6	115	70-130	
Chlorobenzene	ug/L	50	55.4	111	70-130	
Chloroethane	ug/L	50	43.2	86	53-147	
Chloroform	ug/L	50	55.6	111	74-136	
Chloromethane	ug/L	50	29.7	59	29-115	
cis-1,2-Dichloroethene	ug/L	50	54.7	109	70-130	
cis-1,3-Dichloropropene	ug/L	50	57.7	115	70-130	
Dibromochloromethane	ug/L	50	55.2	110	70-130	
Dichlorodifluoromethane	ug/L	50	25.6	51	10-130	
Ethylbenzene	ug/L	50	57.3	115	80-124	
Isopropylbenzene (Cumene)	ug/L	50	60.5	121	70-130	
m&p-Xylene	ug/L	100	118	118	70-130	
Methyl-tert-butyl ether	ug/L	50	51.8	104	54-137	
Methylene Chloride	ug/L	50	50.0	100	73-138	
o-Xylene	ug/L	50	59.1	118	70-130	
Styrene	ug/L	50	54.9	110	70-130	
Tetrachloroethene	ug/L	50	55.9	112	70-130	
Toluene	ug/L	50	55.2	110	80-126	
trans-1,2-Dichloroethene	ug/L	50	57.5	115	73-145	
trans-1,3-Dichloropropene	ug/L	50	55.7	111	70-130	
Trichloroethene	ug/L	50	57.8	116	70-130	
Trichlorofluoromethane	ug/L	50	49.4	99	76-147	
Vinyl chloride	ug/L	50	38.8	78	51-120	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1957831 1957832

Parameter	Units	40196954008 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	2.7	50	50	63.7	61.0	122	117	70-130	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	55.1	53.0	110	106	70-130	4	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	53.6	55.4	107	111	70-137	3	20	
1,1-Dichloroethane	ug/L	2.6	50	50	62.9	62.0	121	119	73-153	1	20	
1,1-Dichloroethene	ug/L	0.40J	50	50	58.0	56.7	115	113	73-138	2	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	49.5	49.9	99	100	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	57.0	55.5	114	111	58-129	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	52.6	54.9	105	110	70-130	4	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	54.3	53.0	109	106	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	57.8	56.3	116	113	75-140	3	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	55.1	54.5	110	109	71-138	1	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	53.8	52.4	108	105	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	54.1	52.9	108	106	70-130	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1957831 1957832

Parameter	Units	40196954008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.25	50	50	56.8	55.5	114	111	70-130	2	20	
Bromodichloromethane	ug/L	<0.36	50	50	55.0	55.1	110	110	70-130	0	20	
Bromoform	ug/L	<4.0	50	50	55.6	57.2	111	114	68-129	3	20	
Bromomethane	ug/L	<0.97	50	50	34.7	34.1	69	68	15-170	2	20	
Carbon tetrachloride	ug/L	<0.17	50	50	58.8	55.7	118	111	70-130	5	20	
Chlorobenzene	ug/L	<0.71	50	50	55.2	55.7	110	111	70-130	1	20	
Chloroethane	ug/L	<1.3	50	50	44.0	44.6	88	89	51-148	1	20	
Chloroform	ug/L	<1.3	50	50	55.7	55.3	111	111	74-136	1	20	
Chloromethane	ug/L	4.6J	50	50	35.4	35.6	61	62	23-115	1	20	
cis-1,2-Dichloroethene	ug/L	0.59J	50	50	57.0	55.2	113	109	70-131	3	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	57.6	57.0	115	114	70-130	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	53.7	56.7	107	113	70-130	5	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	25.6	23.9	51	48	10-132	7	20	
Ethylbenzene	ug/L	<0.22	50	50	56.0	58.1	112	116	80-125	4	20	
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	60.0	59.6	120	119	70-130	1	20	
m&p-Xylene	ug/L	<0.47	100	100	117	118	117	118	70-130	0	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	53.0	52.2	106	104	51-145	2	20	
Methylene Chloride	ug/L	<0.58	50	50	51.9	51.2	103	102	73-140	1	20	
o-Xylene	ug/L	<0.26	50	50	58.1	60.5	116	121	70-130	4	20	
Styrene	ug/L	<0.47	50	50	53.6	51.9	107	104	70-130	3	20	
Tetrachloroethene	ug/L	<0.33	50	50	53.2	55.9	106	112	70-130	5	20	
Toluene	ug/L	<0.17	50	50	54.1	56.1	108	112	80-131	4	20	
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	58.2	56.4	116	112	73-148	3	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	54.9	56.9	110	114	70-130	4	20	
Trichloroethene	ug/L	1.2	50	50	57.5	56.9	112	111	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	48.7	47.2	97	94	74-147	3	20	
Vinyl chloride	ug/L	<0.17	50	50	40.5	39.2	81	78	41-129	3	20	
4-Bromofluorobenzene (S)	%						100	104	70-130			
Dibromofluoromethane (S)	%						101	99	70-130			
Toluene-d8 (S)	%						96	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: TD P3 4TH QTR GW
Pace Project No.: 40196952

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40196952001	**CR1**	EPA 8260	337078		
40196952002	**CR2**	EPA 8260	337078		
40196952003	**CR3**	EPA 8260	337078		
40196952004	**CR5**	EPA 8260	337078		
40196952005	**MW-14**	EPA 8260	337078		
40196952006	**MW-24**	EPA 8260	337078		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

JHB

40196952

Page: of

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Environmental Audits Inc.	Report To:	jrruetz@yahoo.com;	Attention:	John Ruetz
Address:	11327 W Lincoln Avenue	Copy To:	eerlii@wi.rr.com; john@environmentalaudits.net	Company Name:	Environmental Audits Inc.
	West Allis Wi 53051		steph@environmentalaudits.net	Address:	11327 W Lincoln Avenue
Email To:	john@environmentalaudits.net	Purchase Order No.:	Verbal	Pace Quote Reference:	
Phone:	414-226-5563 Fax:	Project Name:	TD P3 4th Qtr GW	Pace Project Manager:	
Requested Due Date/TAT:		Project Number:		Pace Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: WI

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
	Analysis Test →																	Y/N	N		
1	CR1 001	GW	G			10/8/19	PM		3				x						3		
2	CR2 002	GW	G			10/8/19	PM		3				x						3		
3	CR3 003	GW	G			10/8/19	PM		3				x						3		
4	CR5 004	GW	G			10/8/19	PM		3				x						3		
5	MW-14 005	GW	G			10/8/19	PM		3				x						3		
6	MW-24 006	GW	G			10/8/19	PM		3				x						3		
7																					
8																					
9																					
10																					
11																					
12									1640												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Steve Tiber	10/9/19	~~16:15~~ 13:40	Mary Fannin	10/9/19	16:15				
	Mary Fannin 10/9/19		~~13:40~~							
	CS Logistics	10/10/19	9:15	Alan Puce	10/10/19	9:15	4.5	Y	X	X
							Temp In °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Steve Tiber

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 10/8/19

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Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: Environmental Audits Project # 10196952

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: AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	Vials: DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																			3														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																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
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

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	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:	

Pace Analytical 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)

Project #:

WO# : 40196952

40196952

Client Name: Environmental Audits

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 - 24 **Type of Ice:** Wet Blue Dry None ☐ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 4.5 /Corr: 4.5

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.

Person examining contents:
Date: 10/10/19
Initials: AS

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
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:	☐Yes ☐No ☐N/A	12. No labels on sample, matched by packaging label 10/10/19 AS
-Includes date/time/ID/Analysis Matrix: _____		
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: _____

Project Manager Review: Anorom **Date:** 10/10/19

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

October 24, 2019

John Ruetz
Environmental Audits Inc
11327 W Lincoln Ave
West Allis, WI 53227

RE: Project: TD PLT3 CR 4TH QTR
Pace Project No.: 40197602

Dear John Ruetz:
Enclosed are the analytical results for sample(s) received by the laboratory on October 19, 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,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Ed Raymond, Environmental Audits, Inc
Steve Tiber, Environmental Audits Inc,
Stephanie Wagner, Environmental Audits, Inc.

Pace Analytical Services, LLC
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(920)469-2436

CERTIFICATIONS

Project: TD PLT3 CR 4TH QTR
Pace Project No.: 40197602

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

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: TD PLT3 CR 4TH QTR
Pace Project No.: 40197602

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40197602001	**CR3**	Water	10/16/19 00:00	10/19/19 08:20
40197602002	**CR5**	Water	10/16/19 00:00	10/19/19 08:20

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SAMPLE ANALYTE COUNT

Project: TD PLT3 CR 4TH QTR
Pace Project No.: 40197602

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40197602001	**CR3**	EPA 8260	HNW	64
40197602002	**CR5**	EPA 8260	HNW	64

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ANALYTICAL RESULTS

Project: TD PLT3 CR 4TH QTR
Pace Project No.: 40197602

Sample: CR3 **Lab ID: 40197602001** Collected: 10/16/19 00:00 Received: 10/19/19 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<135**	ug/L	500	135	500		10/23/19 11:50	630-20-6	
1,1,1-Trichloroethane	**15100**	ug/L	500	122	500		10/23/19 11:50	71-55-6	
1,1,2,2-Tetrachloroethane	**<138**	ug/L	500	138	500		10/23/19 11:50	79-34-5	
1,1,2-Trichloroethane	**<276**	ug/L	2500	276	500		10/23/19 11:50	79-00-5	
1,1-Dichloroethane	**51800**	ug/L	500	136	500		10/23/19 11:50	75-34-3	
1,1-Dichloroethene	**2870**	ug/L	500	122	500		10/23/19 11:50	75-35-4	
1,1-Dichloropropene	**<270**	ug/L	900	270	500		10/23/19 11:50	563-58-6	
1,2,3-Trichlorobenzene	**<313**	ug/L	2500	313	500		10/23/19 11:50	87-61-6	
1,2,3-Trichloropropane	**<295**	ug/L	2500	295	500		10/23/19 11:50	96-18-4	
1,2,4-Trichlorobenzene	**<476**	ug/L	2500	476	500		10/23/19 11:50	120-82-1	
1,2,4-Trimethylbenzene	**<420**	ug/L	1400	420	500		10/23/19 11:50	95-63-6	
1,2-Dibromo-3-chloropropane	**<882**	ug/L	2940	882	500		10/23/19 11:50	96-12-8	
1,2-Dibromoethane (EDB)	**<415**	ug/L	1380	415	500		10/23/19 11:50	106-93-4	
1,2-Dichlorobenzene	**<353**	ug/L	1180	353	500		10/23/19 11:50	95-50-1	
1,2-Dichloroethane	**<140**	ug/L	500	140	500		10/23/19 11:50	107-06-2	
1,2-Dichloropropane	**<141**	ug/L	500	141	500		10/23/19 11:50	78-87-5	
1,3,5-Trimethylbenzene	**<437**	ug/L	1460	437	500		10/23/19 11:50	108-67-8	
1,3-Dichlorobenzene	**<314**	ug/L	1050	314	500		10/23/19 11:50	541-73-1	
1,3-Dichloropropane	**<413**	ug/L	1380	413	500		10/23/19 11:50	142-28-9	
1,4-Dichlorobenzene	**<472**	ug/L	1570	472	500		10/23/19 11:50	106-46-7	
2,2-Dichloropropane	**<1130**	ug/L	3780	1130	500		10/23/19 11:50	594-20-7	
2-Chlorotoluene	**<463**	ug/L	2500	463	500		10/23/19 11:50	95-49-8	
4-Chlorotoluene	**<378**	ug/L	1260	378	500		10/23/19 11:50	106-43-4	
Benzene	**<123**	ug/L	500	123	500		10/23/19 11:50	71-43-2	
Bromobenzene	**<121**	ug/L	500	121	500		10/23/19 11:50	108-86-1	
Bromochloromethane	**<181**	ug/L	2500	181	500		10/23/19 11:50	74-97-5	
Bromodichloromethane	**<182**	ug/L	606	182	500		10/23/19 11:50	75-27-4	
Bromoform	**<1990**	ug/L	6620	1990	500		10/23/19 11:50	75-25-2	
Bromomethane	**<486**	ug/L	2500	486	500		10/23/19 11:50	74-83-9	
Carbon tetrachloride	**<82.9**	ug/L	500	82.9	500		10/23/19 11:50	56-23-5	
Chlorobenzene	**<355**	ug/L	1180	355	500		10/23/19 11:50	108-90-7	
Chloroethane	**66100**	ug/L	2500	671	500		10/23/19 11:50	75-00-3	
Chloroform	**<637**	ug/L	2500	637	500		10/23/19 11:50	67-66-3	
Chloromethane	**<1090**	ug/L	3650	1090	500		10/23/19 11:50	74-87-3	
Dibromochloromethane	**<1300**	ug/L	4340	1300	500		10/23/19 11:50	124-48-1	
Dibromomethane	**<468**	ug/L	1560	468	500		10/23/19 11:50	74-95-3	
Dichlorodifluoromethane	**<250**	ug/L	2500	250	500		10/23/19 11:50	75-71-8	
Diisopropyl ether	**<944**	ug/L	3150	944	500		10/23/19 11:50	108-20-3	
Ethylbenzene	**<109**	ug/L	500	109	500		10/23/19 11:50	100-41-4	
Hexachloro-1,3-butadiene	**<591**	ug/L	2500	591	500		10/23/19 11:50	87-68-3	
Isopropylbenzene (Cumene)	**<196**	ug/L	2500	196	500		10/23/19 11:50	98-82-8	
Methyl-tert-butyl ether	**<623**	ug/L	2080	623	500		10/23/19 11:50	1634-04-4	
Methylene Chloride	**<290**	ug/L	2500	290	500		10/23/19 11:50	75-09-2	
Naphthalene	**<588**	ug/L	2500	588	500		10/23/19 11:50	91-20-3	
Styrene	**<233**	ug/L	776	233	500		10/23/19 11:50	100-42-5	
Tetrachloroethene	**<163**	ug/L	544	163	500		10/23/19 11:50	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TD PLT3 CR 4TH QTR
Pace Project No.: 40197602

Sample: CR3 **Lab ID: 40197602001** Collected: 10/16/19 00:00 Received: 10/19/19 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**148J**	ug/L	2500	86.1	500		10/23/19 11:50	108-88-3	
Trichloroethene	**<128**	ug/L	500	128	500		10/23/19 11:50	79-01-6	
Trichlorofluoromethane	**<107**	ug/L	500	107	500		10/23/19 11:50	75-69-4	
Vinyl chloride	**4050**	ug/L	500	87.3	500		10/23/19 11:50	75-01-4	
cis-1,2-Dichloroethene	**<136**	ug/L	500	136	500		10/23/19 11:50	156-59-2	
cis-1,3-Dichloropropene	**<1810**	ug/L	6050	1810	500		10/23/19 11:50	10061-01-5	
m&p-Xylene	**<233**	ug/L	1000	233	500		10/23/19 11:50	179601-23-1	
n-Butylbenzene	**<354**	ug/L	1180	354	500		10/23/19 11:50	104-51-8	
n-Propylbenzene	**<405**	ug/L	2500	405	500		10/23/19 11:50	103-65-1	
o-Xylene	**<131**	ug/L	500	131	500		10/23/19 11:50	95-47-6	
p-Isopropyltoluene	**<400**	ug/L	1330	400	500		10/23/19 11:50	99-87-6	
sec-Butylbenzene	**<424**	ug/L	2500	424	500		10/23/19 11:50	135-98-8	
tert-Butylbenzene	**<152**	ug/L	506	152	500		10/23/19 11:50	98-06-6	
trans-1,2-Dichloroethene	**<545**	ug/L	1820	545	500		10/23/19 11:50	156-60-5	
trans-1,3-Dichloropropene	**<2190**	ug/L	7280	2190	500		10/23/19 11:50	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		500		10/23/19 11:50	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		500		10/23/19 11:50	1868-53-7	
Toluene-d8 (S)	101	%	70-130		500		10/23/19 11:50	2037-26-5	

Sample: CR5 **Lab ID: 40197602002** Collected: 10/16/19 00:00 Received: 10/19/19 08:20 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		10/23/19 12:11	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		10/23/19 12:11	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		10/23/19 12:11	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		10/23/19 12:11	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		10/23/19 12:11	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		10/23/19 12:11	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		10/23/19 12:11	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		10/23/19 12:11	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		10/23/19 12:11	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/23/19 12:11	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		10/23/19 12:11	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		10/23/19 12:11	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		10/23/19 12:11	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		10/23/19 12:11	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		10/23/19 12:11	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		10/23/19 12:11	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		10/23/19 12:11	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		10/23/19 12:11	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		10/23/19 12:11	142-28-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: TD PLT3 CR 4TH QTR
Pace Project No.: 40197602

Sample: CR5 **Lab ID: 40197602002** Collected: 10/16/19 00:00 Received: 10/19/19 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		10/23/19 12:11	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		10/23/19 12:11	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		10/23/19 12:11	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		10/23/19 12:11	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		10/23/19 12:11	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		10/23/19 12:11	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		10/23/19 12:11	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		10/23/19 12:11	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		10/23/19 12:11	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		10/23/19 12:11	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		10/23/19 12:11	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		10/23/19 12:11	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		10/23/19 12:11	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		10/23/19 12:11	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		10/23/19 12:11	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		10/23/19 12:11	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		10/23/19 12:11	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		10/23/19 12:11	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		10/23/19 12:11	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		10/23/19 12:11	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		10/23/19 12:11	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		10/23/19 12:11	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		10/23/19 12:11	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		10/23/19 12:11	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		10/23/19 12:11	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		10/23/19 12:11	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		10/23/19 12:11	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		10/23/19 12:11	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		10/23/19 12:11	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		10/23/19 12:11	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/23/19 12:11	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		10/23/19 12:11	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		10/23/19 12:11	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		10/23/19 12:11	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		10/23/19 12:11	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		10/23/19 12:11	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		10/23/19 12:11	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		10/23/19 12:11	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		10/23/19 12:11	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		10/23/19 12:11	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		10/23/19 12:11	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		10/23/19 12:11	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		10/23/19 12:11	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		10/23/19 12:11	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		10/23/19 12:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: TD PLT3 CR 4TH QTR
Pace Project No.: 40197602

QC Batch: 338095 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40197602001, 40197602002

METHOD BLANK: 1964096 Matrix: Water
Associated Lab Samples: 40197602001, 40197602002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	10/23/19 06:29	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	10/23/19 06:29	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	10/23/19 06:29	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	10/23/19 06:29	
1,1-Dichloroethane	ug/L	<0.27	1.0	10/23/19 06:29	
1,1-Dichloroethene	ug/L	<0.24	1.0	10/23/19 06:29	
1,1-Dichloropropene	ug/L	<0.54	1.8	10/23/19 06:29	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	10/23/19 06:29	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	10/23/19 06:29	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	10/23/19 06:29	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	10/23/19 06:29	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	10/23/19 06:29	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	10/23/19 06:29	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	10/23/19 06:29	
1,2-Dichloroethane	ug/L	<0.28	1.0	10/23/19 06:29	
1,2-Dichloropropane	ug/L	<0.28	1.0	10/23/19 06:29	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	10/23/19 06:29	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	10/23/19 06:29	
1,3-Dichloropropane	ug/L	<0.83	2.8	10/23/19 06:29	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	10/23/19 06:29	
2,2-Dichloropropane	ug/L	<2.3	7.6	10/23/19 06:29	
2-Chlorotoluene	ug/L	<0.93	5.0	10/23/19 06:29	
4-Chlorotoluene	ug/L	<0.76	2.5	10/23/19 06:29	
Benzene	ug/L	<0.25	1.0	10/23/19 06:29	
Bromobenzene	ug/L	<0.24	1.0	10/23/19 06:29	
Bromochloromethane	ug/L	<0.36	5.0	10/23/19 06:29	
Bromodichloromethane	ug/L	<0.36	1.2	10/23/19 06:29	
Bromoform	ug/L	<4.0	13.2	10/23/19 06:29	
Bromomethane	ug/L	<0.97	5.0	10/23/19 06:29	
Carbon tetrachloride	ug/L	<0.17	1.0	10/23/19 06:29	
Chlorobenzene	ug/L	<0.71	2.4	10/23/19 06:29	
Chloroethane	ug/L	<1.3	5.0	10/23/19 06:29	
Chloroform	ug/L	<1.3	5.0	10/23/19 06:29	
Chloromethane	ug/L	<2.2	7.3	10/23/19 06:29	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	10/23/19 06:29	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	10/23/19 06:29	
Dibromochloromethane	ug/L	<2.6	8.7	10/23/19 06:29	
Dibromomethane	ug/L	<0.94	3.1	10/23/19 06:29	
Dichlorodifluoromethane	ug/L	<0.50	5.0	10/23/19 06:29	
Diisopropyl ether	ug/L	<1.9	6.3	10/23/19 06:29	
Ethylbenzene	ug/L	<0.22	1.0	10/23/19 06:29	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: TD PLT3 CR 4TH QTR
Pace Project No.: 40197602

METHOD BLANK: 1964096 Matrix: Water
Associated Lab Samples: 40197602001, 40197602002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	10/23/19 06:29	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	10/23/19 06:29	
m&p-Xylene	ug/L	<0.47	2.0	10/23/19 06:29	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	10/23/19 06:29	
Methylene Chloride	ug/L	<0.58	5.0	10/23/19 06:29	
n-Butylbenzene	ug/L	<0.71	2.4	10/23/19 06:29	
n-Propylbenzene	ug/L	<0.81	5.0	10/23/19 06:29	
Naphthalene	ug/L	<1.2	5.0	10/23/19 06:29	
o-Xylene	ug/L	<0.26	1.0	10/23/19 06:29	
p-Isopropyltoluene	ug/L	<0.80	2.7	10/23/19 06:29	
sec-Butylbenzene	ug/L	<0.85	5.0	10/23/19 06:29	
Styrene	ug/L	<0.47	1.6	10/23/19 06:29	
tert-Butylbenzene	ug/L	<0.30	1.0	10/23/19 06:29	
Tetrachloroethene	ug/L	<0.33	1.1	10/23/19 06:29	
Toluene	ug/L	<0.17	5.0	10/23/19 06:29	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	10/23/19 06:29	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	10/23/19 06:29	
Trichloroethene	ug/L	<0.26	1.0	10/23/19 06:29	
Trichlorofluoromethane	ug/L	<0.21	1.0	10/23/19 06:29	
Vinyl chloride	ug/L	<0.17	1.0	10/23/19 06:29	
4-Bromofluorobenzene (S)	%	95	70-130	10/23/19 06:29	
Dibromofluoromethane (S)	%	99	70-130	10/23/19 06:29	
Toluene-d8 (S)	%	99	70-130	10/23/19 06:29	

LABORATORY CONTROL SAMPLE: 1964097

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.1	110	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.2	96	70-130	
1,1,2-Trichloroethane	ug/L	50	50.9	102	70-130	
1,1-Dichloroethane	ug/L	50	54.9	110	73-150	
1,1-Dichloroethene	ug/L	50	54.2	108	73-138	
1,2,4-Trichlorobenzene	ug/L	50	50.9	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.3	93	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	50.2	100	70-130	
1,2-Dichlorobenzene	ug/L	50	51.1	102	70-130	
1,2-Dichloroethane	ug/L	50	52.3	105	75-140	
1,2-Dichloropropane	ug/L	50	48.8	98	73-135	
1,3-Dichlorobenzene	ug/L	50	50.5	101	70-130	
1,4-Dichlorobenzene	ug/L	50	50.3	101	70-130	
Benzene	ug/L	50	52.5	105	70-130	
Bromodichloromethane	ug/L	50	50.5	101	70-130	
Bromoform	ug/L	50	47.0	94	68-129	
Bromomethane	ug/L	50	23.9	48	18-159	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: TD PLT3 CR 4TH QTR
Pace Project No.: 40197602

LABORATORY CONTROL SAMPLE: 1964097

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	54.7	109	70-130	
Chlorobenzene	ug/L	50	51.9	104	70-130	
Chloroethane	ug/L	50	53.5	107	53-147	
Chloroform	ug/L	50	50.1	100	74-136	
Chloromethane	ug/L	50	44.3	89	29-115	
cis-1,2-Dichloroethene	ug/L	50	51.4	103	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.2	104	70-130	
Dibromochloromethane	ug/L	50	52.4	105	70-130	
Dichlorodifluoromethane	ug/L	50	54.0	108	10-130	
Ethylbenzene	ug/L	50	55.3	111	80-124	
Isopropylbenzene (Cumene)	ug/L	50	52.3	105	70-130	
m&p-Xylene	ug/L	100	113	113	70-130	
Methyl-tert-butyl ether	ug/L	50	49.6	99	54-137	
Methylene Chloride	ug/L	50	51.0	102	73-138	
o-Xylene	ug/L	50	56.6	113	70-130	
Styrene	ug/L	50	51.7	103	70-130	
Tetrachloroethene	ug/L	50	49.8	100	70-130	
Toluene	ug/L	50	53.9	108	80-126	
trans-1,2-Dichloroethene	ug/L	50	57.2	114	73-145	
trans-1,3-Dichloropropene	ug/L	50	47.7	95	70-130	
Trichloroethene	ug/L	50	53.2	106	70-130	
Trichlorofluoromethane	ug/L	50	57.3	115	76-147	
Vinyl chloride	ug/L	50	54.0	108	51-120	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1964545 1964546

Parameter	Units	40197593006 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	<2.4	50	50	53.0	58.2	106	116	70-130	9	20	
1,1,2,2-Tetrachloroethane	ug/L	<2.8	50	50	47.2	49.8	94	100	70-130	5	20	
1,1,2-Trichloroethane	ug/L	<5.5	50	50	47.1	52.6	94	105	70-137	11	20	
1,1-Dichloroethane	ug/L	<2.7	50	50	51.1	56.2	102	112	73-153	9	20	
1,1-Dichloroethene	ug/L	<2.4	50	50	50.5	56.2	101	112	73-138	11	20	
1,2,4-Trichlorobenzene	ug/L	<9.5	50	50	48.6	53.5	97	107	70-130	10	20	
1,2-Dibromo-3-chloropropane	ug/L	<17.6	50	50	46.5	50.8	93	102	58-129	9	20	
1,2-Dibromoethane (EDB)	ug/L	<8.3	50	50	48.5	52.4	97	105	70-130	8	20	
1,2-Dichlorobenzene	ug/L	<7.1	50	50	49.2	52.6	98	105	70-130	7	20	
1,2-Dichloroethane	ug/L	<2.8	50	50	49.6	54.1	99	108	75-140	9	20	
1,2-Dichloropropane	ug/L	<2.8	50	50	45.9	50.8	92	102	71-138	10	20	
1,3-Dichlorobenzene	ug/L	<6.3	50	50	49.3	53.4	99	107	70-130	8	20	
1,4-Dichlorobenzene	ug/L	<9.4	50	50	48.8	51.9	98	104	70-130	6	20	

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REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: TD PLT3 CR 4TH QTR
Pace Project No.: 40197602

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1964545 1964546

Parameter	Units	40197593006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<2.5	50	50	48.6	54.0	97	108	70-130	10	20	
Bromodichloromethane	ug/L	<3.6	50	50	47.9	52.8	96	106	70-130	10	20	
Bromoform	ug/L	<39.7	50	50	44.1	48.2	88	96	68-129	9	20	
Bromomethane	ug/L	<9.7	50	50	24.2	28.2	48	56	15-170	15	20	
Carbon tetrachloride	ug/L	<1.7	50	50	53.9	59.1	108	118	70-130	9	20	
Chlorobenzene	ug/L	<7.1	50	50	48.7	53.4	97	107	70-130	9	20	
Chloroethane	ug/L	<13.4	50	50	53.3	59.0	107	118	51-148	10	20	
Chloroform	ug/L	<12.7	50	50	47.0	51.3	91	100	74-136	9	20	
Chloromethane	ug/L	<21.9	50	50	41.2	45.4	71	79	23-115	10	20	
cis-1,2-Dichloroethene	ug/L	<2.7	50	50	48.3	52.4	97	105	70-131	8	20	
cis-1,3-Dichloropropene	ug/L	<36.3	50	50	50.1	53.8	100	108	70-130	7	20	
Dibromochloromethane	ug/L	<26.0	50	50	49.3	53.4	99	107	70-130	8	20	
Dichlorodifluoromethane	ug/L	35.8J	50	50	88.5	93.7	105	116	10-132	6	20	
Ethylbenzene	ug/L	<2.2	50	50	51.8	56.5	104	113	80-125	9	20	
Isopropylbenzene (Cumene)	ug/L	<3.9	50	50	48.8	52.6	98	105	70-130	7	20	
m&p-Xylene	ug/L	<4.7	100	100	106	115	106	115	70-130	8	20	
Methyl-tert-butyl ether	ug/L	597	50	50	591	626	-13	58	51-145	6	20	E,M1
Methylene Chloride	ug/L	<5.8	50	50	46.8	52.5	94	105	73-140	12	20	
o-Xylene	ug/L	<2.6	50	50	52.0	56.7	104	113	70-130	9	20	
Styrene	ug/L	<4.7	50	50	48.2	52.4	96	105	70-130	8	20	
Tetrachloroethene	ug/L	<3.3	50	50	46.5	51.9	93	104	70-130	11	20	
Toluene	ug/L	<1.7	50	50	50.5	55.0	101	110	80-131	8	20	
trans-1,2-Dichloroethene	ug/L	<10.9	50	50	55.2	59.7	110	119	73-148	8	20	
trans-1,3-Dichloropropene	ug/L	<43.7	50	50	45.0	49.0	90	98	70-130	9	20	
Trichloroethene	ug/L	<2.6	50	50	51.3	56.1	103	112	70-130	9	20	
Trichlorofluoromethane	ug/L	<2.1	50	50	53.5	59.2	107	118	74-147	10	20	
Vinyl chloride	ug/L	<1.7	50	50	50.9	55.4	102	111	41-129	8	20	
4-Bromofluorobenzene (S)	%						99	98	70-130			
Dibromofluoromethane (S)	%						98	99	70-130			
Toluene-d8 (S)	%						99	99	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.

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: TD PLT3 CR 4TH QTR
Pace Project No.: 40197602

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

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: TD PLT3 CR 4TH QTR
Pace Project No.: 40197602

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40197602001	**CR3**	EPA 8260	338095		
40197602002	**CR5**	EPA 8260	338095		

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

40197602

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Pace Analytical®
www.pacelabs.com

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

(Please Print Clearly)	
Company Name:	ENVIRO AUDITS, INC
Branch/Location:	WEST ALLIS
Project Contact:	J. RUETZ
Phone:	414-491-4282
Project Number:	
Project Name:	TO PLT3 CR 4TH QTR
Project State:	WI
Sampled By (Print):	STEVE TIBER
Sampled By (Sign):	
PO #:	Regulatory Program:

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, SI = 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	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	CR3	10/16	PM	WW		B	VOC			
002	CR5	10/16	PM	WW		B	VOC			

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:
	10/17/19	Mary Jamin	10/18/19 1240
Mary Jamin	10/18/19 1310		
CS Logistics	10/19/19 0820	Alan Pace	10/19/19 0820

PACE Project No.
40197602

Receipt Temp = 4.5 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

ORIGINAL

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

Sample Preservation Receipt Form

Client Name: Enviro Audits Project # 40197Le08

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: AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	Vials: DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																		3															2.5 / 5 / 10
002																		3															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
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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 look 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:	

Pace Analytical™ 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)

Project #: WO#: 40197602

Client Name: Enviro Audits

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 - 40 **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 4 /Corr: 4.5

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

Person examining contents:
Date: 10/19/19
Initials: AS

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

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3. no time Short hold label
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 10/19/19	☑Yes ☐No ☐N/A	12. Samples missing label. 10/19/19 Label attached per three vials
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: Vials identified by label in sample bags 10/19/19

Project Manager Review: KMR for DM **Date:** 10/19/19

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