

From: Karen Dorow <kdorow@manitowoc.org>
Sent: Tuesday, February 28, 2023 1:10 PM
To: Beggs, Tauren R - DNR
Cc: GravelPit
Subject: November 2022 Potable Well Testing Results
Attachments: 3118 S 10th St.pdf; 3327 Hecker Rd.pdf; 3403 CTH CR.pdf; 3702 Hecker Rd.pdf; 4114 CTH CR.pdf; 4181 S 21st St.pdf; 2406_2414_2512 Birch Rd.pdf; 3027 Orchard Ln.pdf

Hi Tauren,

Attached are the November potable well testing results. Letters have been sent to the property owners.

Let me know if you have any questions.

Regards,

Karen Dorow | Business Manager
City of Manitowoc
900 Quay Street
Manitowoc, WI 54220
Office (920) 686-6514
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Project Name NEWTON GRAVEL PIT
Project # 60135471
Lab Code 5041746B
Sample ID 2406/2414/2512 BIRCH RD
Sample Matrix Water
Sample Date 11/17/2022

Invoice # E41746

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		11/29/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		11/29/2022	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		11/29/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		11/29/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		11/29/2022	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		11/29/2022	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		11/29/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		11/29/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		11/29/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		11/29/2022	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		11/29/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		11/29/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		11/29/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		11/29/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		11/29/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		11/29/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		11/29/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/29/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		11/29/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		11/29/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		11/29/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		11/29/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		11/29/2022	CJR	1
cis-1,2-Dichloroethene	0.90 "J"	ug/l	0.32	1.29	1	8260B		11/29/2022	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		11/29/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		11/29/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		11/29/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/29/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/29/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		11/29/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		11/29/2022	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		11/29/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		11/29/2022	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		11/29/2022	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		11/29/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		11/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		11/29/2022	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		11/29/2022	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		11/29/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		11/29/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		11/29/2022	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		11/29/2022	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		11/29/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		11/29/2022	CJR	1

Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746B
Sample ID 2406/2414/2512 BIRCH RD
Sample Matrix Water
Sample Date 11/17/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		11/29/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		11/29/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		11/29/2022	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		11/29/2022	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		11/29/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/29/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		11/29/2022	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		11/29/2022	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		11/29/2022	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		11/29/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	147	REC %			1	8260B		11/29/2022	CJR	6
SUR - 4-Bromofluorobenzene	102	REC %			1	8260B		11/29/2022	CJR	1
SUR - Dibromofluoromethane	114	REC %			1	8260B		11/29/2022	CJR	1
SUR - Toluene-d8	82	REC %			1	8260B		11/29/2022	CJR	1

Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746J
Sample ID 3027 ORCHARD LN
Sample Matrix Water
Sample Date 11/18/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		11/30/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		11/30/2022	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		11/30/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		11/30/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		11/30/2022	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		11/30/2022	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		11/30/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		11/30/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		11/30/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		11/30/2022	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		11/30/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		11/30/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		11/30/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		11/30/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		11/30/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		11/30/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		11/30/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/30/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		11/30/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		11/30/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		11/30/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		11/30/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		11/30/2022	CJR	1
cis-1,2-Dichloroethene	0.44 "J"	ug/l	0.32	1.29	1	8260B		11/30/2022	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		11/30/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		11/30/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		11/30/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/30/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/30/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		11/30/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		11/30/2022	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		11/30/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		11/30/2022	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		11/30/2022	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		11/30/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		11/30/2022	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		11/30/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		11/30/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		11/30/2022	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		11/30/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		11/30/2022	CJR	1

Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746J
Sample ID 3027 ORCHARD LN
Sample Matrix Water
Sample Date 11/18/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		11/30/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		11/30/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		11/30/2022	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		11/30/2022	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		11/30/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/30/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		11/30/2022	CJR	1
Vinyl Chloride	0.27 "J"	ug/l	0.15	0.61	1	8260B		11/30/2022	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		11/30/2022	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		11/30/2022	CJR	1
SUR - Toluene-d8	112	REC %			1	8260B		11/30/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %			1	8260B		11/30/2022	CJR	1
SUR - 4-Bromofluorobenzene	102	REC %			1	8260B		11/30/2022	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B		11/30/2022	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

- 1 Laboratory QC within limits.
- 6 The surrogate recovery not within established limits.

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

Authorized Signature



Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746E
Sample ID 3118 S 10TH ST
Sample Matrix Water
Sample Date 11/17/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		11/30/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		11/30/2022	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		11/30/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		11/30/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		11/30/2022	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		11/30/2022	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		11/30/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		11/30/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		11/30/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		11/30/2022	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		11/30/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		11/30/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		11/30/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		11/30/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		11/30/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		11/30/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		11/30/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/30/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		11/30/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		11/30/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		11/30/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		11/30/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		11/30/2022	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		11/30/2022	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		11/30/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		11/30/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		11/30/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/30/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/30/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		11/30/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		11/30/2022	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		11/30/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		11/30/2022	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		11/30/2022	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		11/30/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		11/30/2022	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		11/30/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		11/30/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		11/30/2022	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		11/30/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		11/30/2022	CJR	1

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Project # 60135471

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Sample ID 3118 S 10TH ST
Sample Matrix Water
Sample Date 11/17/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		11/30/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		11/30/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		11/30/2022	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		11/30/2022	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		11/30/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/30/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		11/30/2022	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		11/30/2022	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		11/30/2022	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		11/30/2022	CJR	1
SUR - Dibromofluoromethane	106	REC %			1	8260B		11/30/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		11/30/2022	CJR	1
SUR - 4-Bromofluorobenzene	113	REC %			1	8260B		11/30/2022	CJR	1
SUR - Toluene-d8	109	REC %			1	8260B		11/30/2022	CJR	1

Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746C
Sample ID 3327 HECKER RD
Sample Matrix Water
Sample Date 11/17/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		11/29/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		11/29/2022	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		11/29/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		11/29/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		11/29/2022	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		11/29/2022	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		11/29/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		11/29/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		11/29/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		11/29/2022	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		11/29/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		11/29/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		11/29/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		11/29/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		11/29/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		11/29/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		11/29/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/29/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		11/29/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		11/29/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		11/29/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		11/29/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		11/29/2022	CJR	1
cis-1,2-Dichloroethene	3.3	ug/l	0.32	1.29	1	8260B		11/29/2022	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		11/29/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		11/29/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		11/29/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/29/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/29/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		11/29/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		11/29/2022	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		11/29/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		11/29/2022	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		11/29/2022	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		11/29/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		11/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		11/29/2022	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		11/29/2022	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		11/29/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		11/29/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		11/29/2022	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		11/29/2022	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		11/29/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		11/29/2022	CJR	1

Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746C
Sample ID 3327 HECKER RD
Sample Matrix Water
Sample Date 11/17/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		11/29/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		11/29/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		11/29/2022	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		11/29/2022	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		11/29/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/29/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		11/29/2022	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		11/29/2022	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		11/29/2022	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		11/29/2022	CJR	1
SUR - 4-Bromofluorobenzene	117	REC %			1	8260B		11/29/2022	CJR	1
SUR - Dibromofluoromethane	102	REC %			1	8260B		11/29/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B		11/29/2022	CJR	1
SUR - Toluene-d8	110	REC %			1	8260B		11/29/2022	CJR	1

Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746I
Sample ID 3403 CTH CR
Sample Matrix Water
Sample Date 11/18/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		11/30/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		11/30/2022	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		11/30/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		11/30/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		11/30/2022	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		11/30/2022	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		11/30/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		11/30/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		11/30/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		11/30/2022	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		11/30/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		11/30/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		11/30/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		11/30/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		11/30/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		11/30/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		11/30/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/30/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		11/30/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		11/30/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		11/30/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		11/30/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		11/30/2022	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		11/30/2022	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		11/30/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		11/30/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		11/30/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/30/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/30/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		11/30/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		11/30/2022	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		11/30/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		11/30/2022	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		11/30/2022	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		11/30/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		11/30/2022	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		11/30/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		11/30/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		11/30/2022	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		11/30/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		11/30/2022	CJR	1

Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746I
Sample ID 3403 CTH CR
Sample Matrix Water
Sample Date 11/18/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		11/30/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		11/30/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		11/30/2022	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		11/30/2022	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		11/30/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/30/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		11/30/2022	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		11/30/2022	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		11/30/2022	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		11/30/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		11/30/2022	CJR	1
SUR - 4-Bromofluorobenzene	106	REC %			1	8260B		11/30/2022	CJR	1
SUR - Dibromofluoromethane	100	REC %			1	8260B		11/30/2022	CJR	1
SUR - Toluene-d8	112	REC %			1	8260B		11/30/2022	CJR	1

Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746D
Sample ID 3702 HECKER RD
Sample Matrix Water
Sample Date 11/17/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		11/30/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		11/30/2022	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		11/30/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		11/30/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		11/30/2022	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		11/30/2022	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		11/30/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		11/30/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		11/30/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		11/30/2022	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		11/30/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		11/30/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		11/30/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		11/30/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		11/30/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		11/30/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		11/30/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/30/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		11/30/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		11/30/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		11/30/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		11/30/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		11/30/2022	CJR	1
cis-1,2-Dichloroethene	1.11 "J"	ug/l	0.32	1.29	1	8260B		11/30/2022	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		11/30/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		11/30/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		11/30/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/30/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/30/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		11/30/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		11/30/2022	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		11/30/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		11/30/2022	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		11/30/2022	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		11/30/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		11/30/2022	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		11/30/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		11/30/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		11/30/2022	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		11/30/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		11/30/2022	CJR	1

Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746D
Sample ID 3702 HECKER RD
Sample Matrix Water
Sample Date 11/17/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		11/30/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		11/30/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		11/30/2022	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		11/30/2022	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		11/30/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/30/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		11/30/2022	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		11/30/2022	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		11/30/2022	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		11/30/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B		11/30/2022	CJR	1
SUR - 4-Bromofluorobenzene	109	REC %			1	8260B		11/30/2022	CJR	1
SUR - Dibromofluoromethane	104	REC %			1	8260B		11/30/2022	CJR	1
SUR - Toluene-d8	112	REC %			1	8260B		11/30/2022	CJR	1

Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746F
Sample ID 4114 CTH CR
Sample Matrix Water
Sample Date 11/17/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		11/30/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		11/30/2022	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		11/30/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		11/30/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		11/30/2022	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		11/30/2022	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		11/30/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		11/30/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		11/30/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		11/30/2022	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		11/30/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		11/30/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		11/30/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		11/30/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		11/30/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		11/30/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		11/30/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/30/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		11/30/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		11/30/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		11/30/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		11/30/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		11/30/2022	CJR	1
cis-1,2-Dichloroethene	0.88 "J"	ug/l	0.32	1.29	1	8260B		11/30/2022	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		11/30/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		11/30/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		11/30/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/30/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/30/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		11/30/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		11/30/2022	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		11/30/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		11/30/2022	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		11/30/2022	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		11/30/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		11/30/2022	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		11/30/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		11/30/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		11/30/2022	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		11/30/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		11/30/2022	CJR	1

Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746F
Sample ID 4114 CTH CR
Sample Matrix Water
Sample Date 11/17/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		11/30/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		11/30/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		11/30/2022	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		11/30/2022	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		11/30/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/30/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		11/30/2022	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		11/30/2022	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		11/30/2022	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		11/30/2022	CJR	1
SUR - Toluene-d8	106	REC %			1	8260B		11/30/2022	CJR	1
SUR - Dibromofluoromethane	108	REC %			1	8260B		11/30/2022	CJR	1
SUR - 4-Bromofluorobenzene	114	REC %			1	8260B		11/30/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B		11/30/2022	CJR	1

Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746G
Sample ID 4181 S 21ST ST
Sample Matrix Water
Sample Date 11/17/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		11/30/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		11/30/2022	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		11/30/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		11/30/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		11/30/2022	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		11/30/2022	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		11/30/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		11/30/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		11/30/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		11/30/2022	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		11/30/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		11/30/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		11/30/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		11/30/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		11/30/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		11/30/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		11/30/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/30/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		11/30/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		11/30/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		11/30/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		11/30/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		11/30/2022	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		11/30/2022	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		11/30/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		11/30/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		11/30/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/30/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		11/30/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		11/30/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		11/30/2022	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		11/30/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		11/30/2022	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		11/30/2022	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		11/30/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		11/30/2022	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		11/30/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		11/30/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		11/30/2022	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		11/30/2022	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		11/30/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		11/30/2022	CJR	1

Project Name NEWTON GRAVEL PIT
Project # 60135471

Invoice # E41746

Lab Code 5041746G
Sample ID 4181 S 21ST ST
Sample Matrix Water
Sample Date 11/17/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		11/30/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		11/30/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		11/30/2022	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		11/30/2022	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		11/30/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		11/30/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		11/30/2022	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		11/30/2022	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		11/30/2022	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		11/30/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B		11/30/2022	CJR	1
SUR - 4-Bromofluorobenzene	114	REC %			1	8260B		11/30/2022	CJR	1
SUR - Dibromofluoromethane	101	REC %			1	8260B		11/30/2022	CJR	1
SUR - Toluene-d8	105	REC %			1	8260B		11/30/2022	CJR	1