



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL11665/SOC WELL 5** Lab Sample ID: **21F0771-01**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:30
Sample Type: Raw Collected By: G. WHITE

Field Parameters--PW33 *

Method: 9911 Prepared: 06/18/21 09:30
Units: SU Analyzed: 06/18/21 09:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pump Rate GPM	800.0			
Run Time min.	20.00			

Chlorinated Acids by GC

Method: 515.4 Prepared: 06/21/21 14:26
Units: ug/L Analyzed: 06/23/21 06:06

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Dalapon	ND		5.0	
Dicamba	ND		0.25	
2,4-D	ND		1.0	
Pentachlorophenol	ND		0.40	
Silvex	ND		1.0	
Dinoseb	ND		1.0	
Picloram	ND		1.0	
Acifluorfen	ND		0.50	

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Funding Code: PW33 Temperature C: 13.00

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Matrix: Ground Water Date/Time Collected: 06/18/21 9:30
Sample Type: Raw Collected By: G. WHITE

Organic Compounds by GC/MS

Method: 525.2 Prepared: 06/21/21 14:05
Units: ug/L Analyzed: 06/22/21 12:26

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Hexachlorocyclopentadiene	ND		0.50	
Propachlor	ND		0.50	
Trifluralin	ND		0.050	
Hexachlorobenzene	ND		0.10	
Simazine	ND		0.35	
Atrazine	ND		0.30	
gamma-BHC (Lindane)	ND		0.020	
Acetochlor	ND		1.0	
Metribuzin	ND		0.10	
Alachlor	ND		0.20	
Heptachlor	ND		0.040	
Bromacil	ND		1.0	
Metolachlor	ND		0.25	
Dacthal	ND		0.50	
Aldrin	ND		0.050	
Cyanazine	ND		0.50	
Heptachlor epoxide	ND		0.020	
Dieldrin	ND		0.050	
Endrin	ND		0.10	
Di(2-ethylhexyl)adipate	ND		0.60	
Methoxychlor	ND		0.10	
Di(2-ethylhexyl)phthalate	ND		1.8	
Benzo(a)pyrene	ND		0.10	
Toxaphene	ND		1.0	

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Sample Type: Raw Collected By: G. WHITE

Organic Compounds by GC/MS

Method: 525.2 Prepared: 06/21/21 14:05
Units: ug/L Analyzed: 06/22/21 12:26

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chlordane	ND		0.20	
Total DDT	ND		1.0	
Total PCBs	ND		0.40	

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 12:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		5.0	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		5.0	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		5.0	
2,2-Oxybis(1-chloropropane)	ND		1.5	

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Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL11665/SOC WELL 5** Lab Sample ID: **21F0771-01**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:30
Sample Type: Raw Collected By: G. WHITE

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 12:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acetophenone	ND		1.5	
4-Methylphenol	ND		5.0	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		5.0	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	

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Client Sample ID: **WL11665/SOC WELL 5** Lab Sample ID: **21F0771-01**
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Sample Type: Raw Collected By: G. WHITE

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 12:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		5.0	
1,3-Dinitrobenzene	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND	O2	5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		5.0	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND	J3	1.5	
Diethylphthalate	ND		5.0	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	

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Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 12:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND	J3, O2	1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		5.0	
p-Dimethylaminoazobenzene	ND		5.0	
Butyl benzyl phthalate	ND		5.0	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	

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Sample Type: Raw Collected By: G. WHITE

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 12:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Bis(2-ethylhexyl)phthalate	ND		5.0	
Mestranol	ND		5.0	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		5.0	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		5.0	
Benzo(ghi)perylene	ND		1.5	

Alkalinity by Standard Method 2320B

Method: 2320B Prepared: 06/21/21 14:42
Units: mg/L Analyzed: 06/21/21 14:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Alkalinity	260	I	20.0	

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Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL11665/SOC WELL 5** Lab Sample ID: **21F0771-01**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:30
Sample Type: Raw Collected By: G. WHITE

Chloride by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 10:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	78.1		1.00	

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 06/21/21 08:54
Units: mg/L Analyzed: 06/21/21 12:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

Fluoride by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 10:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Fluoride	0.10		0.10	

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Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL11665/SOC WELL 5** Lab Sample ID: **21F0771-01**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:30
Sample Type: Raw Collected By: G. WHITE

Mercury by EPA Method 245.1

Method: 245.1 Prepared: 06/22/21 07:59
Units: ug/L Analyzed: 06/22/21 12:21

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals (Drinking Water) by EPA 200 Series Methods ICP

Method: 200.7 Prepared: 06/19/21 11:10
Units: ug/L Analyzed: 06/19/21 17:18

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Boron	ND		25.0	
Calcium	77100	J3	300	
Hardness	320000		1980	
Iron	ND		50.0	
Magnesium	30900		300	
Potassium	1950		1400	
Sodium	34400	J3	300	
Strontium	73.5		5.00	

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Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL11665/SOC WELL 5** Lab Sample ID: **21F0771-01**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:30
Sample Type: Raw Collected By: G. WHITE

Metals by EPA 200 Series Methods ICP/MS

Method: 200.8 Prepared: 06/19/21 11:06
Units: ug/L Analyzed: 06/19/21 14:16

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		100	
Antimony	ND		2.00	
Arsenic	ND		1.00	
Barium	40.5		5.00	
Beryllium	ND		1.00	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		100	
Lead	ND		5.00	
Manganese	ND		15.0	
Molybdenum	ND		20.0	
Nickel	ND		25.0	
Selenium	ND		2.00	
Silver	ND		10.0	
Thallium	ND		2.00	
Vanadium	ND		5.00	
Zinc	ND		100	

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Client Sample ID: **WL11665/SOC WELL 5** Lab Sample ID: **21F0771-01**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:30
Sample Type: Raw Collected By: G. WHITE

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 06/21/21 10:48
Units: mg/L Analyzed: 06/21/21 13:57

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NC)	2.92		0.100	

Nitrogen, Ammonia, Potentiometric, Ion Selective by Standard Method 4500 NH₃ D

Method: 4500-NH₃ D Prepared: 06/21/21 11:33
Units: mg/L Analyzed: 06/21/21 11:33

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	ND		0.10	

Phenols by EPA Method 420.4

Method: 420.4 Prepared: 06/21/21 11:28
Units: ug/L Analyzed: 06/21/21 14:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	ND		10.0	

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Client Sample ID: **WL11665/SOC WELL 5** Lab Sample ID: **21F0771-01**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:30
Sample Type: Raw Collected By: G. WHITE

Phosphorus, All Forms, Colorimetric, Automated, by EPA Method 365.1

Method: 365.1 Prepared: 06/21/21 08:39
Units: mg/L Analyzed: 06/21/21 13:02

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phosphorus as P	0.0100		0.0050	

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 10:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	22.0		10.0	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C*

Method: 2540C Prepared: 06/22/21 10:56
Units: mg/L Analyzed: 06/22/21 10:56

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	472		20	1200

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LABORATORY RESULTS

Facility Name: ROCKTON
 Project/Facility Number: 2010350 Date Received : 06/18/21
 Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL11666/IOC WELL 6** Lab Sample ID: **21F0771-02**
 Matrix: Ground Water Date/Time Collected: 06/18/21 10:40
 Sample Type: Raw Collected By: RYAN BENNETT

Field Parameters--PW33 *

Method: 9911 Prepared: 06/18/21 10:40
 Units: SU Analyzed: 06/18/21 10:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pump Rate GPM	650.0			
Specific Conductance	595.0			
Field EH	426.0			
Field pH	6.730			
Field Temperature	12.45			
Run Time min.	35.00			

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
 Units: ug/L Analyzed: 06/21/21 13:21

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		5.0	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		5.0	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL11666/IOC WELL 6** Lab Sample ID: **21F0771-02**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:40
Sample Type: Raw Collected By: RYAN BENNETT

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 13:21

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Methylphenol	ND		5.0	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		5.0	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		5.0	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL11666/IOC WELL 6** Lab Sample ID: **21F0771-02**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:40
Sample Type: Raw Collected By: RYAN BENNETT

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 13:21

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		5.0	
1,3-Dinitrobenzene	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND	02	5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		5.0	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		5.0	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL11666/IOC WELL 6** Lab Sample ID: **21F0771-02**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:40
Sample Type: Raw Collected By: RYAN BENNETT

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 13:21

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND	O2	1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		5.0	
p-Dimethylaminoazobenzene	ND		5.0	
Butyl benzyl phthalate	ND		5.0	
3,3-Dichlorobenzidine	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL11666/IOC WELL 6** Lab Sample ID: **21F0771-02**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:40
Sample Type: Raw Collected By: RYAN BENNETT

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 13:21

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		5.0	
Mestranol	ND		5.0	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		5.0	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		5.0	
Benzo(ghi)perylene	ND		1.5	

Alkalinity by Standard Method 2320B

Method: 2320B Prepared: 06/21/21 14:42
Units: mg/L Analyzed: 06/21/21 14:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Alkalinity	296	I	20.0	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL11666/IOC WELL 6** Lab Sample ID: **21F0771-02**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:40
Sample Type: Raw Collected By: RYAN BENNETT

Chloride by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 10:45

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	7.43		1.00	

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 06/21/21 08:54
Units: mg/L Analyzed: 06/21/21 12:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

Fluoride by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 10:45

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Fluoride	0.10		0.10	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL11666/IOC WELL 6** Lab Sample ID: **21F0771-02**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:40
Sample Type: Raw Collected By: RYAN BENNETT

Mercury by EPA Method 245.1

Method: 245.1 Prepared: 06/22/21 07:59
Units: ug/L Analyzed: 06/22/21 12:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals (Drinking Water) by EPA 200 Series Methods ICP

Method: 200.7 Prepared: 06/19/21 11:10
Units: ug/L Analyzed: 06/19/21 17:25

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Boron	ND		25.0	
Calcium	66300		300	
Hardness	308000		1980	
Iron	ND		50.0	
Magnesium	34700		300	
Potassium	ND		1400	
Sodium	4490		300	
Strontium	58.4		5.00	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL11666/IOC WELL 6** Lab Sample ID: **21F0771-02**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:40
Sample Type: Raw Collected By: RYAN BENNETT

Metals by EPA 200 Series Methods ICP/MS

Method: 200.8 Prepared: 06/19/21 11:06
Units: ug/L Analyzed: 06/19/21 14:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		100	
Antimony	ND		2.00	
Arsenic	ND		1.00	
Barium	54.2		5.00	
Beryllium	ND		1.00	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		100	
Lead	ND		5.00	
Manganese	26.4		15.0	
Molybdenum	ND		20.0	
Nickel	ND		25.0	
Selenium	ND		2.00	
Silver	ND		10.0	
Thallium	ND		2.00	
Vanadium	ND		5.00	
Zinc	ND		100	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL11666/IOC WELL 6** Lab Sample ID: **21F0771-02**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:40
Sample Type: Raw Collected By: RYAN BENNETT

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 06/21/21 10:48
Units: mg/L Analyzed: 06/21/21 13:58

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NC)	2.94		0.100	

Nitrogen, Ammonia, Potentiometric, Ion Selective by Standard Method 4500 NH₃ D

Method: 4500-NH₃ D Prepared: 06/21/21 11:33
Units: mg/L Analyzed: 06/21/21 11:33

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	ND		0.10	

Phenols by EPA Method 420.4

Method: 420.4 Prepared: 06/21/21 11:28
Units: ug/L Analyzed: 06/21/21 14:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	ND		10.0	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL11666/IOC WELL 6** Lab Sample ID: **21F0771-02**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:40
Sample Type: Raw Collected By: RYAN BENNETT

Phosphorus, All Forms, Colorimetric, Automated, by EPA Method 365.1

Method: 365.1 Prepared: 06/21/21 08:39
Units: mg/L Analyzed: 06/21/21 13:02

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phosphorus as P	ND		0.0050	

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 10:45

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	10.5		10.0	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C*

Method: 2540C Prepared: 06/22/21 10:56
Units: mg/L Analyzed: 06/22/21 10:56

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	354		20	1200

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LABORATORY RESULTS

Facility Name:	ROCKTON	Date Received :	06/18/21
Project/Facility Number:	2010350	Temperature C:	13.00
Funding Code:	PW33		
Client Sample ID:	WL00796/SOC WELL 7	Lab Sample ID:	21F0771-03
Matrix:	Ground Water	Date/Time Collected:	06/18/21 10:30
Sample Type:	Raw	Collected By:	G. WHITE

Field Parameters--PW33 *

Method:	9911	Prepared:	06/18/21 10:30
Units:	SU	Analyzed:	06/18/21 10:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pump Rate GPM	1050			
Specific Conductance	545.0			
Field EH (negative)	60.00			
Field pH	6.560			
Field Temperature	12.36			
Run Time min.	17.00			

Chlorinated Acids by GC

Method:	515.4	Prepared:	06/21/21 14:26
Units:	ug/L	Analyzed:	06/23/21 07:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Dalapon	ND		5.0	
Dicamba	ND		0.25	
2,4-D	ND		1.0	
Pentachlorophenol	ND	J3	0.40	
Silvex	ND		1.0	
Dinoseb	ND		1.0	
Picloram	ND		1.0	
Acifluorfen	ND		0.50	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL00796/SOC WELL 7** Lab Sample ID: **21F0771-03**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:30
Sample Type: Raw Collected By: G. WHITE

Organic Compounds by GC/MS

Method: 525.2 Prepared: 06/21/21 14:05
Units: ug/L Analyzed: 06/22/21 13:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Hexachlorocyclopentadiene	ND		0.50	
Propachlor	ND		0.50	
Trifluralin	ND		0.050	
Hexachlorobenzene	ND		0.10	
Simazine	ND		0.35	
Atrazine	ND		0.30	
gamma-BHC (Lindane)	ND		0.020	
Acetochlor	ND		1.0	
Metribuzin	ND		0.10	
Alachlor	ND		0.20	
Heptachlor	ND		0.040	
Bromacil	ND		1.0	
Metolachlor	ND		0.25	
Dacthal	ND		0.50	
Aldrin	ND		0.050	
Cyanazine	ND		0.50	
Heptachlor epoxide	ND		0.020	
Dieldrin	ND		0.050	
Endrin	ND		0.10	
Di(2-ethylhexyl)adipate	ND		0.60	
Methoxychlor	ND		0.10	
Di(2-ethylhexyl)phthalate	ND		1.8	
Benzo(a)pyrene	ND		0.10	
Toxaphene	ND		1.0	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL00796/SOC WELL 7** Lab Sample ID: **21F0771-03**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:30
Sample Type: Raw Collected By: G. WHITE

Organic Compounds by GC/MS

Method: 525.2 Prepared: 06/21/21 14:05
Units: ug/L Analyzed: 06/22/21 13:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chlordane	ND		0.20	
Total DDT	ND		1.0	
Total PCBs	ND		0.40	

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 13:55

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		5.0	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		5.0	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		5.0	
2,2-Oxybis(1-chloropropane)	ND		1.5	

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LABORATORY RESULTS

Facility Name:	ROCKTON	Date Received :	06/18/21
Project/Facility Number:	2010350	Temperature C:	13.00
Funding Code:	PW33		
Client Sample ID:	WL00796/SOC WELL 7	Lab Sample ID:	21F0771-03
Matrix:	Ground Water	Date/Time Collected:	06/18/21 10:30
Sample Type:	Raw	Collected By:	G. WHITE

Semivolatiles by GC/MS *

Method:	8270	Prepared:	06/20/21 11:38
Units:	ug/L	Analyzed:	06/21/21 13:55

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acetophenone	ND		1.5	
4-Methylphenol	ND		5.0	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		5.0	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL00796/SOC WELL 7** Lab Sample ID: **21F0771-03**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:30
Sample Type: Raw Collected By: G. WHITE

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 13:55

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		5.0	
1,3-Dinitrobenzene	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND	O2	5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		5.0	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		5.0	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL00796/SOC WELL 7** Lab Sample ID: **21F0771-03**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:30
Sample Type: Raw Collected By: G. WHITE

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 13:55

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND	O2	1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		5.0	
p-Dimethylaminoazobenzene	ND		5.0	
Butyl benzyl phthalate	ND		5.0	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL00796/SOC WELL 7** Lab Sample ID: **21F0771-03**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:30
Sample Type: Raw Collected By: G. WHITE

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 13:55

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Bis(2-ethylhexyl)phthalate	ND		5.0	
Mestranol	ND		5.0	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		5.0	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		5.0	
Benzo(ghi)perylene	ND		1.5	

Alkalinity by Standard Method 2320B

Method: 2320B Prepared: 06/21/21 14:42
Units: mg/L Analyzed: 06/21/21 14:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Alkalinity	316	I	20.0	

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LABORATORY RESULTS

Facility Name: ROCKTON

Project/Facility Number: 2010350

Funding Code: PW33

Date Received : 06/18/21

Temperature C: 13.00

Client Sample ID: **WL00796/SOC WELL 7**

Lab Sample ID: **21F0771-03**

Matrix: Ground Water

Date/Time Collected: 06/18/21 10:30

Sample Type: Raw

Collected By: G. WHITE

Chloride by Ion Chromatography 300.0

Method: 300.0

Prepared: 06/21/21 11:35

Units: mg/L

Analyzed: 06/29/21 10:56

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	ND		1.00	

Cyanide by EPA Method 335.4

Method: 335.4

Prepared: 06/21/21 08:54

Units: mg/L

Analyzed: 06/21/21 12:05

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

Fluoride by Ion Chromatography 300.0

Method: 300.0

Prepared: 06/21/21 11:35

Units: mg/L

Analyzed: 06/29/21 10:56

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Fluoride	0.14		0.10	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL00796/SOC WELL 7** Lab Sample ID: **21F0771-03**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:30
Sample Type: Raw Collected By: G. WHITE

Mercury by EPA Method 245.1

Method: 245.1 Prepared: 06/22/21 07:59
Units: ug/L Analyzed: 06/22/21 12:25

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals (Drinking Water) by EPA 200 Series Methods ICP

Method: 200.7 Prepared: 06/19/21 11:10
Units: ug/L Analyzed: 06/19/21 17:31

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Boron	ND		25.0	
Calcium	63200		300	
Hardness	307000		1980	
Iron	152		50.0	
Magnesium	36200		300	
Potassium	1670		1400	
Sodium	2710		300	
Strontium	86.3		5.00	

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LABORATORY RESULTS

Facility Name: ROCKTON
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Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL00796/SOC WELL 7** Lab Sample ID: **21F0771-03**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:30
Sample Type: Raw Collected By: G. WHITE

Metals by EPA 200 Series Methods ICP/MS

Method: 200.8 Prepared: 06/19/21 11:06
Units: ug/L Analyzed: 06/19/21 14:24

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		100	
Antimony	ND		2.00	
Arsenic	ND		1.00	
Barium	164		5.00	
Beryllium	ND		1.00	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		100	
Lead	ND		5.00	
Manganese	147		15.0	
Molybdenum	ND		20.0	
Nickel	ND		25.0	
Selenium	ND		2.00	
Silver	ND		10.0	
Thallium	ND		2.00	
Vanadium	ND		5.00	
Zinc	ND		100	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL00796/SOC WELL 7** Lab Sample ID: **21F0771-03**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:30
Sample Type: Raw Collected By: G. WHITE

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 06/21/21 10:48
Units: mg/L Analyzed: 06/21/21 13:59

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃)	ND		0.100	

Nitrogen, Ammonia, Potentiometric, Ion Selective by Standard Method 4500 NH3 D

Method: 4500-NH3 D Prepared: 06/21/21 11:33
Units: mg/L Analyzed: 06/21/21 11:33

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	0.19		0.10	

Phenols by EPA Method 420.4

Method: 420.4 Prepared: 06/21/21 11:28
Units: ug/L Analyzed: 06/21/21 14:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	ND		10.0	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL00796/SOC WELL 7** Lab Sample ID: **21F0771-03**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:30
Sample Type: Raw Collected By: G. WHITE

Phosphorus, All Forms, Colorimetric, Automated, by EPA Method 365.1

Method: 365.1 Prepared: 06/21/21 08:39
Units: mg/L Analyzed: 06/21/21 13:03

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phosphorus as P	0.0050		0.0050	

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 10:56

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	ND		10.0	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C*

Method: 2540C Prepared: 06/22/21 10:56
Units: mg/L Analyzed: 06/22/21 10:56

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	340		20	1200

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL01789/SOC WELL 9** Lab Sample ID: **21F0771-04**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:50
Sample Type: Raw Collected By: G. WHITE

Field Parameters--PW33 *

Method: 9911 Prepared: 06/18/21 10:50
Units: SU Analyzed: 06/18/21 10:50

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pump Rate GPM	750.0			
Specific Conductance	677.0			
Field EH	290.0			
Field pH	6.500			
Field Temperature	12.36			
Run Time min.	5.000			

Chlorinated Acids by GC

Method: 515.4 Prepared: 06/21/21 14:26
Units: ug/L Analyzed: 06/23/21 07:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Dalapon	ND		5.0	
Dicamba	ND		0.25	
2,4-D	ND		1.0	
Pentachlorophenol	ND		0.40	
Silvex	ND		1.0	
Dinoseb	ND		1.0	
Picloram	ND		1.0	
Acifluorfen	ND		0.50	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01789/SOC WELL 9** Lab Sample ID: **21F0771-04**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:50
Sample Type: Raw Collected By: G. WHITE

Organic Compounds by GC/MS

Method: 525.2 Prepared: 06/21/21 14:05
Units: ug/L Analyzed: 06/22/21 13:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Hexachlorocyclopentadiene	ND		0.50	
Propachlor	ND		0.50	
Trifluralin	ND		0.050	
Hexachlorobenzene	ND		0.10	
Simazine	ND		0.35	
Atrazine	ND		0.30	
gamma-BHC (Lindane)	ND		0.020	
Acetochlor	ND		1.0	
Metribuzin	ND		0.10	
Alachlor	ND		0.20	
Heptachlor	ND		0.040	
Bromacil	ND		1.0	
Metolachlor	ND		0.25	
Dacthal	ND		0.50	
Aldrin	ND		0.050	
Cyanazine	ND		0.50	
Heptachlor epoxide	ND		0.020	
Dieldrin	ND		0.050	
Endrin	ND		0.10	
Di(2-ethylhexyl)adipate	ND		0.60	
Methoxychlor	ND		0.10	
Di(2-ethylhexyl)phthalate	ND		1.8	
Benzo(a)pyrene	ND		0.10	
Toxaphene	ND		1.0	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01789/SOC WELL 9** Lab Sample ID: **21F0771-04**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:50
Sample Type: Raw Collected By: G. WHITE

Organic Compounds by GC/MS

Method: 525.2 Prepared: 06/21/21 14:05
Units: ug/L Analyzed: 06/22/21 13:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chlordane	ND		0.20	
Total DDT	ND		1.0	
Total PCBs	ND		0.40	

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 14:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		5.0	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		5.0	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		5.0	
2,2-Oxybis(1-chloropropane)	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01789/SOC WELL 9** Lab Sample ID: **21F0771-04**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:50
Sample Type: Raw Collected By: G. WHITE

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 14:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acetophenone	ND		1.5	
4-Methylphenol	ND		5.0	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		5.0	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01789/SOC WELL 9** Lab Sample ID: **21F0771-04**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:50
Sample Type: Raw Collected By: G. WHITE

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 14:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		5.0	
1,3-Dinitrobenzene	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND	O2	5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		5.0	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		5.0	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01789/SOC WELL 9** Lab Sample ID: **21F0771-04**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:50
Sample Type: Raw Collected By: G. WHITE

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 14:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND	O2	1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		5.0	
p-Dimethylaminoazobenzene	ND		5.0	
Butyl benzyl phthalate	ND		5.0	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01789/SOC WELL 9** Lab Sample ID: **21F0771-04**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:50
Sample Type: Raw Collected By: G. WHITE

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 14:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Bis(2-ethylhexyl)phthalate	ND		5.0	
Mestranol	ND		5.0	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		5.0	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		5.0	
Benzo(ghi)perylene	ND		1.5	

Alkalinity by Standard Method 2320B

Method: 2320B Prepared: 06/21/21 14:42
Units: mg/L Analyzed: 06/21/21 14:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Alkalinity	228	I	20.0	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01789/SOC WELL 9** Lab Sample ID: **21F0771-04**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:50
Sample Type: Raw Collected By: G. WHITE

Chloride by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 11:06

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	71.6		1.00	

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 06/21/21 08:54
Units: mg/L Analyzed: 06/21/21 12:06

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

Fluoride by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 11:06

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Fluoride	0.11		0.10	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL01789/SOC WELL 9** Lab Sample ID: **21F0771-04**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:50
Sample Type: Raw Collected By: G. WHITE

Mercury by EPA Method 245.1

Method: 245.1 Prepared: 06/22/21 07:59
Units: ug/L Analyzed: 06/22/21 12:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	0.48		0.06	

Metals (Drinking Water) by EPA 200 Series Methods ICP

Method: 200.7 Prepared: 06/19/21 11:10
Units: ug/L Analyzed: 06/19/21 17:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Boron	ND		25.0	
Calcium	69700		300	
Hardness	296000		1980	
Iron	ND		50.0	
Magnesium	29600		300	
Potassium	2110		1400	
Sodium	26000		300	
Strontium	56.4		5.00	

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LABORATORY RESULTS

Facility Name: ROCKTON
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Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL01789/SOC WELL 9** Lab Sample ID: **21F0771-04**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:50
Sample Type: Raw Collected By: G. WHITE

Metals by EPA 200 Series Methods ICP/MS

Method: 200.8 Prepared: 06/19/21 11:06
Units: ug/L Analyzed: 06/19/21 14:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		100	
Antimony	ND		2.00	
Arsenic	ND		1.00	
Barium	37.7		5.00	
Beryllium	ND		1.00	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		100	
Lead	ND		5.00	
Manganese	ND		15.0	
Molybdenum	ND		20.0	
Nickel	ND		25.0	
Selenium	ND		2.00	
Silver	ND		10.0	
Thallium	ND		2.00	
Vanadium	ND		5.00	
Zinc	ND		100	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01789/SOC WELL 9** Lab Sample ID: **21F0771-04**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:50
Sample Type: Raw Collected By: G. WHITE

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 06/21/21 10:48
Units: mg/L Analyzed: 06/21/21 14:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NC)	2.73		0.100	

Nitrogen, Ammonia, Potentiometric, Ion Selective by Standard Method 4500 NH₃ D

Method: 4500-NH₃ D Prepared: 06/21/21 11:33
Units: mg/L Analyzed: 06/21/21 11:33

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	ND		0.10	

Phenols by EPA Method 420.4

Method: 420.4 Prepared: 06/21/21 11:28
Units: ug/L Analyzed: 06/21/21 14:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	ND		10.0	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01789/SOC WELL 9** Lab Sample ID: **21F0771-04**
Matrix: Ground Water Date/Time Collected: 06/18/21 10:50
Sample Type: Raw Collected By: G. WHITE

Phosphorus, All Forms, Colorimetric, Automated, by EPA Method 365.1

Method: 365.1 Prepared: 06/21/21 08:39
Units: mg/L Analyzed: 06/21/21 13:03

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phosphorus as P	0.0070		0.0050	

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 11:06

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	25.9		10.0	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C*

Method: 2540C Prepared: 06/22/21 10:56
Units: mg/L Analyzed: 06/22/21 10:56

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	434		20	1200

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01981/IOC WELL 10** Lab Sample ID: **21F0771-05**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:54
Sample Type: Raw Collected By: RYAN BENNETT

Field Parameters--PW33 *

Method: 9911 Prepared: 06/18/21 09:54
Units: SU Analyzed: 06/18/21 09:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pump Rate GPM	630.0			
Specific Conductance	555.0			
Field EH	451.0			
Field pH	6.790			
Field Temperature	12.98			
Run Time min.	20.00			

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 15:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		5.0	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		5.0	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	

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LABORATORY RESULTS

Facility Name:	ROCKTON	Date Received :	06/18/21
Project/Facility Number:	2010350	Temperature C:	13.00
Funding Code:	PW33		
Client Sample ID:	WL01981/IOC WELL 10	Lab Sample ID:	21F0771-05
Matrix:	Ground Water	Date/Time Collected:	06/18/21 9:54
Sample Type:	Raw	Collected By:	RYAN BENNETT

Semivolatiles by GC/MS *

Method:	8270	Prepared:	06/20/21 11:38
Units:	ug/L	Analyzed:	06/21/21 15:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Methylphenol	ND		5.0	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		5.0	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		5.0	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01981/IOC WELL 10** Lab Sample ID: **21F0771-05**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:54
Sample Type: Raw Collected By: RYAN BENNETT

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 15:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		5.0	
1,3-Dinitrobenzene	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND	02	5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		5.0	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		5.0	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01981/IOC WELL 10** Lab Sample ID: **21F0771-05**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:54
Sample Type: Raw Collected By: RYAN BENNETT

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 15:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND	O2	1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		5.0	
p-Dimethylaminoazobenzene	ND		5.0	
Butyl benzyl phthalate	ND		5.0	
3,3-Dichlorobenzidine	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01981/IOC WELL 10** Lab Sample ID: **21F0771-05**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:54
Sample Type: Raw Collected By: RYAN BENNETT

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 15:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		5.0	
Mestranol	ND		5.0	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		5.0	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		5.0	
Benzo(ghi)perylene	ND		1.5	

Alkalinity by Standard Method 2320B

Method: 2320B Prepared: 06/21/21 14:42
Units: mg/L Analyzed: 06/21/21 14:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Alkalinity	262	I	20.0	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL01981/IOC WELL 10** Lab Sample ID: **21F0771-05**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:54
Sample Type: Raw Collected By: RYAN BENNETT

Chloride by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 11:16

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	16.4		1.00	

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 06/21/21 08:54
Units: mg/L Analyzed: 06/21/21 12:08

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

Fluoride by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 11:16

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Fluoride	0.15		0.10	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL01981/IOC WELL 10** Lab Sample ID: **21F0771-05**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:54
Sample Type: Raw Collected By: RYAN BENNETT

Mercury by EPA Method 245.1

Method: 245.1 Prepared: 06/22/21 07:59
Units: ug/L Analyzed: 06/22/21 12:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals (Drinking Water) by EPA 200 Series Methods ICP

Method: 200.7 Prepared: 06/19/21 11:10
Units: ug/L Analyzed: 06/19/21 17:45

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Boron	ND		25.0	
Calcium	67800		300	
Hardness	290000		1980	
Iron	ND		50.0	
Magnesium	29200		300	
Potassium	ND		1400	
Sodium	4790		300	
Strontium	110		5.00	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **WL01981/IOC WELL 10** Lab Sample ID: **21F0771-05**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:54
Sample Type: Raw Collected By: RYAN BENNETT

Metals by EPA 200 Series Methods ICP/MS

Method: 200.8 Prepared: 06/19/21 11:06
Units: ug/L Analyzed: 06/19/21 14:33

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		100	
Antimony	ND		2.00	
Arsenic	1.44		1.00	
Barium	51.0		5.00	
Beryllium	ND		1.00	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		100	
Lead	ND		5.00	
Manganese	130		15.0	
Molybdenum	ND		20.0	
Nickel	ND		25.0	
Selenium	ND		2.00	
Silver	ND		10.0	
Thallium	ND		2.00	
Vanadium	ND		5.00	
Zinc	ND		100	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL01981/IOC WELL 10** Lab Sample ID: **21F0771-05**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:54
Sample Type: Raw Collected By: RYAN BENNETT

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 06/21/21 10:48
Units: mg/L Analyzed: 06/21/21 14:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃)	ND		0.100	

Nitrogen, Ammonia, Potentiometric, Ion Selective by Standard Method 4500 NH3 D

Method: 4500-NH3 D Prepared: 06/21/21 11:33
Units: mg/L Analyzed: 06/21/21 11:33

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	ND		0.10	

Phenols by EPA Method 420.4

Method: 420.4 Prepared: 06/21/21 11:28
Units: ug/L Analyzed: 06/21/21 14:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	ND		10.0	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **WL01981/IOC WELL 10** Lab Sample ID: **21F0771-05**
Matrix: Ground Water Date/Time Collected: 06/18/21 9:54
Sample Type: Raw Collected By: RYAN BENNETT

Phosphorus, All Forms, Colorimetric, Automated, by EPA Method 365.1

Method: 365.1 Prepared: 06/21/21 08:39
Units: mg/L Analyzed: 06/21/21 13:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phosphorus as P	0.0170		0.0050	

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 11:16

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	18.9		10.0	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C*

Method: 2540C Prepared: 06/22/21 10:56
Units: mg/L Analyzed: 06/22/21 10:56

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	338		20	1200

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **FINISHED** Lab Sample ID: **21F0771-06**
Matrix: Ground Water Date/Time Collected: 06/18/21 8:50
Sample Type: Raw Collected By: RYAN BENNETT

Field Parameters--PW33 *

Method: 9911 Prepared: 06/18/21 08:50
Units: SU Analyzed: 06/18/21 08:50

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Run Time min.	20.00			

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 12:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		5.0	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		5.0	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		5.0	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		5.0	
N-Nitrosodi-n-propylamine	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **FINISHED** Lab Sample ID: **21F0771-06**
Matrix: Ground Water Date/Time Collected: 06/18/21 8:50
Sample Type: Raw Collected By: RYAN BENNETT

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 12:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		5.0	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **FINISHED** Lab Sample ID: **21F0771-06**
Matrix: Ground Water Date/Time Collected: 06/18/21 8:50
Sample Type: Raw Collected By: RYAN BENNETT

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 12:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		5.0	
1,3-Dinitrobenzene	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND	O2	5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		5.0	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		5.0	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **FINISHED** Lab Sample ID: **21F0771-06**
Matrix: Ground Water Date/Time Collected: 06/18/21 8:50
Sample Type: Raw Collected By: RYAN BENNETT

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
Units: ug/L Analyzed: 06/21/21 12:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Azobenzene	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND	O2	1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		5.0	
p-Dimethylaminoazobenzene	ND		5.0	
Butyl benzyl phthalate	ND		5.0	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		5.0	
Mestranol	ND		5.0	
Di-n-octylphthalate	ND		1.5	

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LABORATORY RESULTS

Facility Name: ROCKTON
 Project/Facility Number: 2010350 Date Received : 06/18/21
 Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **FINISHED** Lab Sample ID: **21F0771-06**
 Matrix: Ground Water Date/Time Collected: 06/18/21 8:50
 Sample Type: Raw Collected By: RYAN BENNETT

Semivolatiles by GC/MS *

Method: 8270 Prepared: 06/20/21 11:38
 Units: ug/L Analyzed: 06/21/21 12:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		5.0	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		5.0	
Benzo(ghi)perylene	ND		1.5	

Alkalinity by Standard Method 2320B

Method: 2320B Prepared: 06/21/21 14:42
 Units: mg/L Analyzed: 06/21/21 14:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Alkalinity	270	I	20.0	

Chloride by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
 Units: mg/L Analyzed: 06/29/21 11:28

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	55.0		1.00	

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LABORATORY RESULTS

Facility Name: ROCKTON

Project/Facility Number: 2010350

Funding Code: PW33

Date Received : 06/18/21

Temperature C: 13.00

Client Sample ID: **FINISHED**

Lab Sample ID: **21F0771-06**

Matrix: Ground Water

Date/Time Collected: 06/18/21 8:50

Sample Type: Raw

Collected By: RYAN BENNETT

Cyanide by EPA Method 335.4

Method: 335.4

Prepared: 06/21/21 08:54

Units: mg/L

Analyzed: 06/21/21 12:09

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

Fluoride by Ion Chromatography 300.0

Method: 300.0

Prepared: 06/21/21 11:35

Units: mg/L

Analyzed: 06/29/21 11:28

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Fluoride	0.71		0.10	

Mercury by EPA Method 245.1

Method: 245.1

Prepared: 06/22/21 07:59

Units: ug/L

Analyzed: 06/22/21 12:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	0.21		0.06	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **FINISHED** Lab Sample ID: **21F0771-06**
Matrix: Ground Water Date/Time Collected: 06/18/21 8:50
Sample Type: Raw Collected By: RYAN BENNETT

Metals (Drinking Water) by EPA 200 Series Methods ICP

Method: 200.7 Prepared: 06/19/21 11:10
Units: ug/L Analyzed: 06/19/21 17:52

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Boron	ND		25.0	
Calcium	71300		300	
Hardness	312000		1980	
Iron	93.3		50.0	
Magnesium	32500		300	
Potassium	2320		1400	
Sodium	24500		300	
Strontium	74.0		5.00	

Metals by EPA 200 Series Methods ICP/MS

Method: 200.8 Prepared: 06/19/21 11:06
Units: ug/L Analyzed: 06/19/21 14:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		100	
Antimony	ND		2.00	
Arsenic	ND		1.00	
Barium	72.8		5.00	
Beryllium	ND		1.00	
Cadmium	ND		3.00	
Chromium	ND		5.00	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **FINISHED** Lab Sample ID: **21F0771-06**
Matrix: Ground Water Date/Time Collected: 06/18/21 8:50
Sample Type: Raw Collected By: RYAN BENNETT

Metals by EPA 200 Series Methods ICP/MS

Method: 200.8 Prepared: 06/19/21 11:06
Units: ug/L Analyzed: 06/19/21 14:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cobalt	ND		10.0	
Copper	ND		100	
Lead	ND		5.00	
Manganese	20.1		15.0	
Molybdenum	ND		20.0	
Nickel	ND		25.0	
Selenium	ND		2.00	
Silver	ND		10.0	
Thallium	ND		2.00	
Vanadium	ND		5.00	
Zinc	ND		100	

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 06/21/21 10:48
Units: mg/L Analyzed: 06/21/21 14:03

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO₂) + Nitrate (NC)	1.93		0.100	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00
Client Sample ID: **FINISHED** Lab Sample ID: **21F0771-06**
Matrix: Ground Water Date/Time Collected: 06/18/21 8:50
Sample Type: Raw Collected By: RYAN BENNETT

Nitrogen, Ammonia, Potentiometric, Ion Selective by Standard Method 4500 NH3 D

Method: 4500-NH3 D Prepared: 06/21/21 11:37
Units: mg/L Analyzed: 06/21/21 11:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	ND		0.10	

Phenols by EPA Method 420.4

Method: 420.4 Prepared: 06/21/21 11:28
Units: ug/L Analyzed: 06/21/21 14:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	ND		10.0	

Phosphorus, All Forms, Colorimetric, Automated, by EPA Method 365.1

Method: 365.1 Prepared: 06/21/21 08:39
Units: mg/L Analyzed: 06/21/21 13:05

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phosphorus as P	0.139		0.0050	

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Client Sample ID: **FINISHED** Lab Sample ID: **21F0771-06**
Matrix: Ground Water Date/Time Collected: 06/18/21 8:50
Sample Type: Raw Collected By: RYAN BENNETT

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/21/21 11:35
Units: mg/L Analyzed: 06/29/21 11:28

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	16.5		10.0	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C*

Method: 2540C Prepared: 06/22/21 10:56
Units: mg/L Analyzed: 06/22/21 10:56

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	416		20	1200

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LABORATORY RESULTS

Facility Name: ROCKTON
Project/Facility Number: 2010350 Date Received : 06/18/21
Funding Code: PW33 Temperature C: 13.00

Notes and Definitions

- O2 Quality control sample failed low - possible low bias or false non-detect result.
- J3 The reported value failed to meet the established quality control criteria for either precision or accuracy possibly due to matrix effects.
- I See Case Narrative for more information.
- ND Analyte NOT DETECTED at or above the reporting limit
- * Non-NELAP accredited

The alkalinity of the sample is measured to pH 4.5.

PW33 metals by 200.7 - standards were not matrix matched to samples, Silica not reported.

Report Authorized by:

Tom Weiss
Laboratory Manager

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