

UW OSHKOSH ENVIRONMENTAL RESEARCH AND INNOVATION CENTER

800 Algoma Blvd • Oshkosh, WI 54901-8648  
Phone (920) 424-3148 • Fax (920) 424-0832 • eric@uwosh.edu • eric.uwosh.edu  
Analytical Report

Client: Crossroads At Big Creek

Project: Big Creek Sampling  
Report Date: 10/27/2020

ERIC ID: B8952  
Client Sample ID: Crossroads Kayak Launch  
Matrix: SW

Date Collected: 9/28/2020  
Date Received: 9/28/2020

Parameter	Result	Units	Dilution	LOD	LOQ	Date Analyzed	Method	Lab
Phosphorus, Total on aqueous	[0.021]	mg/L	1	0.020	0.066	9/28/2020	EPA 365.1	471183460
Phosphorus, ortho on aqueous (filtered)	0.036	mg/L	1	0.006	0.020	9/28/2020	EPA 365.1	471183460
Nitrogen, Nitrate + Nitrite on aqueous	0.45	mg/L	1	0.03	0.10	10/2/2020	EPA-114-B Rev 0	471183460
Nitrogen, Total Kjeldahl as N on aqueous	0.837	mg/L	1	0.198	0.659	10/1/2020	EPA 351.2	471183460
Total Coliforms on aqueous (quantification)	686.7	MPN/100mL	1	1	-	9/29/2020	SM 9223B	471183460
<i>E. coli</i> on aqueous (quantification)	35.0	MPN/100mL	1	1	-	9/29/2020	SM 9223B	471183460
pH	6.84	-	-	-	-	9/28/2020	Hanna Sonde	-
Temperature	14.97	degrees C	-	-	-	9/28/2020	Hanna Sonde	-
Electrical Conductivity (EC)	0.639	mS/cm	-	-	-	9/28/2020	Hanna Sonde	-
Turbidity	-	NTU	-	-	-	9/28/2020	Hanna Sonde	-
Dissolved Oxygen (DO)	5.36	mg/L	-	-	-	9/28/2020	Hanna Sonde	-

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection  
LOQ = Limit of Quantification  
ND = Not Detected (< LOD)

DWB = Dry Weight Basis  
WWB = Wet Weight Basis

Reviewed by:



Carmen Thiel  
Laboratory Manager

Certifications • WI DNR Cert. # 471183460 • WI DATCP Lab Cert. # 105-445 • EPA Lab # WI01087

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Analytical Report

Client: Crossroads At Big Creek

Project: Big Creek Sampling  
Report Date: 10/27/2020

ERIC ID: B8953  
Client Sample ID: Crossroads Utah St.  
Matrix: SW

Date Collected: 9/28/2020  
Date Received: 9/28/2020


Parameter	Result	Units	Dilution	LOD	LOQ	Date Analyzed	Method	Lab
Phosphorus, Total on aqueous	ND	mg/L	1	0.020	0.066	9/28/2020	EPA 365.1	471183460
Phosphorus, ortho on aqueous (filtered)	[0.01]	mg/L	1	0.006	0.020	9/28/2020	EPA 365.1	471183460
Nitrogen, Nitrate + Nitrite on aqueous	0.49	mg/L	1	0.03	0.10	10/2/2020	EPA-114-B Rev 0	471183460
Nitrogen, Total Kjeldahl as N on aqueous	[0.485]	mg/L	1	0.198	0.659	10/1/2020	EPA 351.2	471183460
Total Coliforms on aqueous (quantification)	>2419.6	MPN/100mL	1	1	-	9/29/2020	SM 9223B	471183460
<i>E. coli</i> on aqueous (quantification)	145.0	MPN/100mL	1	1	-	9/29/2020	SM 9223B	471183460
pH	6.78	-	-	-	-	9/28/2020	Hanna Sonde	-
Temperature	17.68	degrees C	-	-	-	9/28/2020	Hanna Sonde	-
Electrical Conductivity (EC)	0.739	mS/cm	-	-	-	9/28/2020	Hanna Sonde	-
Turbidity	-	NTU	-	-	-	9/28/2020	Hanna Sonde	-
Dissolved Oxygen (DO)	11.7	mg/L	-	-	-	9/28/2020	Hanna Sonde	-

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Analytical Report

Client: Crossroads At Big Creek

Project: Big Creek Sampling  
Report Date: 10/27/2020

ERIC ID: B8954  
Client Sample ID: Crossroads Michigan St.  
Matrix: SW

Date Collected: 9/28/2020  
Date Received: 9/28/2020


Parameter	Result	Units	Dilution	LOD	LOQ	Date Analyzed	Method	Lab
Phosphorus, Total on aqueous	0.896	mg/L	1	0.02	0.066	9/28/2020	EPA 365.1	471183460
Phosphorus, ortho on aqueous (filtered)	0.234	mg/L	1	0.006	0.02	9/28/2020	EPA 365.1	471183460
Nitrogen, Nitrate + Nitrite on aqueous	[0.05]	mg/L	1	0.03	0.10	10/2/2020	EPA-114-B Rev 0	471183460
Nitrogen, Total Kjeldahl as N on aqueous	15.6	mg/L	1	0.198	0.659	10/1/2020	EPA 351.2	471183460
Total Coliforms on aqueous (quantification)	>2419.6	MPN/100mL	1	1	-	9/29/2020	SM 9223B	471183460
<i>E. coli</i> on aqueous (quantification)	71.2	MPN/100mL	1	1	-	9/29/2020	SM 9223B	471183460
pH	8.53	-	-	-	-	9/28/2020	Hanna Sonde	-
Temperature	17.68	degrees C	-	-	-	9/28/2020	Hanna Sonde	-
Electrical Conductivity (EC)	0.341	mS/cm	-	-	-	9/28/2020	Hanna Sonde	-
Turbidity	-	NTU	-	-	-	9/28/2020	Hanna Sonde	-
Dissolved Oxygen (DO)	8.97	mg/L	-	-	-	9/28/2020	Hanna Sonde	-

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