

DAVY LABORATORIES

A Division of Davy Engineering Co., Inc.
115 6th Street South
La Crosse, WI 54601
(608) 782-3130
www.davyinc.com



Division of Davy Engineering Co.

LABORATORY ANALYSIS REPORT

Madison Country Day School
Attn: Roger Seaver
5606 River Rd.
Waumakee, WI 53597

Date: November 19, 2020
Client No: 10305

Sample No: 20J0543-01
Sample Site: EP-1

Sample Collected: 14-Oct-20 06:48

Sample Received: 15-Oct-20 12:29

Parameter	Result	Units	LOD	LOQ/RL	Dilution	Prepared	Analyzed	Method	MCL	Qualifier
Laboratory Results										
Alkalinity, Total	266	mg/L	20	60	1	16-Oct-20 14:51	16-Oct-20 14:51	SM 2320 B-2011		
Aluminum, Total	<0.206	mg/L	0.206	0.686	1	05-Nov-20 13:33	05-Nov-20 13:39	EPA 200.7 Rev 4.4 1994		
Calcium, Total	59.5	mg/L	3.16	10.6	40	28-Oct-20 13:30	28-Oct-20 13:41	SM 3111 B-2011		
Chloride, Total as Cl	21.2	mg/L	1.30	4.30	50	27-Oct-20 22:59	27-Oct-20 22:59	EPA 300.0 Rev 2.1 (1993)	250	
Specific Conductance @ 25 °C	620	µmhos/cm	1	3	1	22-Oct-20 14:43	22-Oct-20 14:43	SM 2510 B-2011		
Hardness, Total as CaCO3	288	mg/L	2	6	2	22-Oct-20 11:24	22-Oct-20 11:24	SM 2340 C-2011		
Iron, Total as Fe	<0.0162	mg/L	0.0162	0.0539	1	27-Oct-20 15:57	27-Oct-20 16:01	EPA 200.7 Rev 4.4 1994	0.3	
Manganese, Total as Mn	<6.30E-4	mg/L	6.30E-4	0.00211	1	27-Oct-20 15:57	27-Oct-20 16:01	EPA 200.7 Rev 4.4 1994	0.05	
Sulfate as SO4	13.2	mg/L	1.73	5.76	10	02-Nov-20 19:30	02-Nov-20 19:30	EPA 300.0 Rev 2.1 (1993)	250	

Submitted by:
Davy Laboratories

Jennifer M. Buchholz

Jennifer M. Buchholz, Laboratory Director

The laboratory analyses reported were determined in accordance with methods from approved authoritative sources. Approved authoritative sources are defined and listed within the respective state certification codes. The results are representative of the samples only; conditions can be expected to vary at different times and under different sampling conditions. This report may not be reproduced, except in full, without the written approval of the laboratory. WI Certification 632021390 and WI DATCP 105-216, MN NELAC Certification 055-999-151, IA Certification 304.

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LABORATORY ANALYSIS REPORT

Madison Country Day School
Attn: Roger Seaver
5606 River Rd.
Waunakee, WI 53597

Date: November 19, 2020
Client No: 10305

Sample No: 20J0543-02
Sample Site: D-5

Sample Collected: 14-Oct-20 06:55

Sample Received: 15-Oct-20 12:29

Parameter	Result	Units	LOD	LOQ/RL	Dilution	Prepared	Analyzed	Method	MCL	Qualifier
Laboratory Results										
Alkalinity, Total	268	mg/L	20	60	1	16-Oct-20 14:51	16-Oct-20 14:51	SM 2320 B-2011		
Aluminum, Total	<0.206	mg/L	0.206	0.686	1	05-Nov-20 13:33	05-Nov-20 13:39	EPA 200.7 Rev 4.4 1994		
Calcium, Total	68.9	mg/L	3.16	10.6	40	28-Oct-20 13:30	28-Oct-20 13:41	SM 3111 B-2011		
Chloride, Total as Cl	21.1	mg/L	1.30	4.30	50	27-Oct-20 23:35	27-Oct-20 23:35	EPA 300.0 Rev 2.1 (1993)	250	
Specific Conductance @ 25 °C	614	µmhos/cm	1	3	1	22-Oct-20 14:43	22-Oct-20 14:43	SM 2510 B-2011		
Hardness, Total as CaCO3	329	mg/L	2	6	2	22-Oct-20 11:24	22-Oct-20 11:24	SM 2340 C-2011		
Iron, Total as Fe	0.110	mg/L	0.0162	0.0539	1	11-Nov-20 11:37	11-Nov-20 11:43	EPA 200.7 Rev 4.4 1994	0.3	
Manganese, Total as Mn	<6.30E-4	mg/L	6.30E-4	0.00211	1	11-Nov-20 11:37	11-Nov-20 11:43	EPA 200.7 Rev 4.4 1994	0.05	
Sulfate as SO4	13.1	mg/L	1.73	5.76	10	02-Nov-20 19:48	02-Nov-20 19:48	EPA 300.0 Rev 2.1 (1993)	250	

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Client No: 10305

Notes and Definitions

- J Detected but below the laboratory LOQ; therefore, result is an estimated concentration.
LOD Limit of Detection, adjusted for the dilution factor
LOQ/RL Limit of Quantitation/Reporting Limit, adjusted for the dilution factor
MCL Maximum Contaminant Level
Total metals are equivalent to total recoverable metals.

Cooler Information

Temperature	0.10 °C	
Received on Ice		Yes
Required COC information completed		Yes
Sample labels match COC		Yes
All samples received in the appropriate containers		Yes
All samples received with sufficient volume		Yes
All samples received with sufficient holding time		Yes
All sample bottles received with H2SO4 were pH <2		Yes
All sample bottles received with HNO3 were pH <2		No
All sample bottles received with HCl were pH <2		No
All sample bottles received with NaOH were pH >12		No
All sample bottles for cyanide confirmed Sulfide absent		No
All sample bottles for cyanide confirmed Residual Cl absent		No
Preservation of VOC samples checked by the analyst.		
Preservation of FOG samples checked by the analyst.		
Residual Chlorine absent checked by the analyst unless noted above.		

Case Narrative

SDWA metals samples received unpreserved. 5 mL of HNO3 was added to samples 20J0543-01 to 02 at 1230 on date received. pH verified as <2.