

# DAVY LABORATORIES

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



## LABORATORY ANALYSIS REPORT

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

Date: November 03, 2020  
Client No: 10305

Sample No: 20J0238-01  
Sample Site: EP-1

Sample Collected: 06-Oct-20 07:10

Sample Received: 07-Oct-20 11:48

Parameter	Result	Units	LOD	LOQ/RL	Dilution	Prepared	Analyzed	Method	MCL	Qualifier
<b>Laboratory Results</b>										
Alkalinity, Total	264	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	08-Oct-20 16:15	08-Oct-20 16:20	EPA 200.7 Rev 4.4 1994		
Calcium, Total	65.2	mg/L	3.16	10.6	40	09-Oct-20 14:28	09-Oct-20 14:30	SM 3111 B-2011		
Chloride, Total as Cl	32.3	mg/L	1.30	4.30	50	27-Oct-20 16:43	27-Oct-20 16:43	EPA 300.0 Rev 2.1 (1993)	250	
Specific Conductance @ 25 °C	621	µmhos/cm	1	3	1	22-Oct-20 14:43	22-Oct-20 14:43	SM 2510 B-2011		
Hardness, Total as CaCO3	322	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	08-Oct-20 16:15	08-Oct-20 16:20	EPA 200.7 Rev 4.4 1994	0.3	
Manganese, Total as Mn	0.00212	mg/L	6.30E-4	0.00211	1	08-Oct-20 16:15	08-Oct-20 16:20	EPA 200.7 Rev 4.4 1994	0.05	
Sulfate as SO4	13.3	mg/L	1.73	5.76	10	02-Nov-20 16:13	02-Nov-20 16:13	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.

Revision #3 - 7/25/2019

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

Date: November 03, 2020  
Client No: 10305

Sample No: 20J0238-02  
Sample Site: D-5

Sample Collected: 06-Oct-20 06:56

Sample Received: 07-Oct-20 11:48

Parameter	Result	Units	LOD	LOQ/RL	Dilution	Prepared	Analyzed	Method	MCL	Qualifier
<b>Laboratory Results</b>										
Alkalinity, Total	265	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	08-Oct-20 16:15	08-Oct-20 16:20	EPA 200.7 Rev 4.4 1994		
Calcium, Total	59.1	mg/L	3.16	10.6	40	09-Oct-20 14:28	09-Oct-20 14:30	SM 3111 B-2011		
Chloride, Total as Cl	22.3	mg/L	1.30	4.30	50	27-Oct-20 17:19	27-Oct-20 17:19	EPA 300.0 Rev 2.1 (1993)	250	
Specific Conductance @ 25 °C	616	µmhos/cm	1	3	1	22-Oct-20 14:43	22-Oct-20 14:43	SM 2510 B-2011		
Hardness, Total as CaCO3	266	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	08-Oct-20 16:15	08-Oct-20 16:20	EPA 200.7 Rev 4.4 1994	0.3	
Manganese, Total as Mn	<6.30E-4	mg/L	6.30E-4	0.00211	1	08-Oct-20 16:15	08-Oct-20 16:20	EPA 200.7 Rev 4.4 1994	0.05	
Sulfate as SO4	13.2	mg/L	1.73	5.76	10	02-Nov-20 16:31	02-Nov-20 16:31	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	8.80 °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 20J0238-01 to 02 at 1149 on date received. pH verified as <2.