

May 13, 2021

Mr. James Hart North Tonawanda City School District Director of Facilities 176 Walck Road North Tonawanda, New York 14120

**RE:** Investigation and Sampling of Drinking Water for Lead Concentrations

Dear Mr. Hart:

Included with this letter is Stohl Environmental LLC's report for the Water Sampling performed at the educational buildings of the North Tonawanda City School District, including:

North Tonawanda Intermediate – 1500 Vanderbilt Avenue, North Tonawanda, New York

This report is prepared to assist the District in complying with the requirements of NYS regulations, SUBPART 67-4: Lead Testing in School Drinking Water, by identifying the sources of potable water with lead concentrations greater than the NYS "Action Level of 15 parts per billion (ppb)".

The Investigation and Sampling was performed on March 10 and March 11, 2021. The Protocol for the Investigation followed the requirements of NYS regulations as well as USEPA Technical Guidance Document "3-T's for Reducing Lead in Drinking Water in Schools".

As detailed in Section 1.2 (Executive Summary) of the accompanying report, based upon the sampling and analysis performed, 23 sources of potable water in the Intermediate School have been identified as having lead concentrations in water above the NYS Action Level of 15 parts per billion. To comply with NYS regulations, Response actions as identified in this report by the District are required.

Thank you for the opportunity to be of service to North Tonawanda City School District.

Sincerely,

Stohl Environmental, LLC.

Eric Henderson Jr.

Senior Project Manager

# Investigation and Sampling Of Sources of Potable Water For Lead Concentrations

Prepared for:

North Tonawanda City School District

Prepared by:



3860 California Road, Orchard Park, New York 14127 PHONE (716) 312-0070 FAX (716) 312-8092 WWW.STOHLENVIRONMENTAL.COM

Conditions as of March 10, 2021



#### **Summary Tabulation**

#### **Lead in Drinking Water Investigation**

- 1.1. Scope of Work and Sampling Protocol
- 1.2. Executive Summary of Sampling and Analysis
- 1.3. Response Actions Required Under NYS Regulations
- 1.4. Laboratory Analytical Reports by Building
- 1.5. Laboratory Certifications
- 1.6. Chains of Custody



#### 1.1 Scope of Work and Sampling Protocol:

Stohl Environmental was retained by North Tonawanda City School District to perform sampling and analysis of potable water for elevated lead concentrations. Sampling was performed in the following buildings:

North Tonawanda Intermediate – 1500 Vanderbilt Avenue, North Tonawanda, New York

#### Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from outlets within the Intermediate School. Outlets are defined in NYS regulations as: "a potable water fixture currently or potentially used for drinking or cooking purposes, including but not limited to a bubbler, drinking fountain, or faucets".

#### **Sampling Protocol:**

In accordance with NYS regulations, **Subpart 67-4: Lead Testing in School Drinking Water**, and the EPA guidance document, **'3Ts for Reducing Lead in Drinking Water in Schools"**, Stohl Environmental's protocol can be summarized as follows:

- **First-draw samples** of 250 milliliters (mL) were collected from cold water outlets before any water was used. Sampling was coordinated with District representatives to assure that water was motionless in the pipes for a minimum of 8 hours, but not more than 18 hours before sample collection.
- Laboratory Analysis: Samples were submitted following strict chain-of-custody protocols to an independent laboratory approved by the NYS Department of Health's Environmental Laboratory Approval Program (ELAP).



#### 1.2 Executive Summary of Sampling and Analysis:

Total Number of Samples Collected by Building Classified by First Draw & Confirmatory Samples:

Building	Date of	Total	First Draw Samples		Confirmatory Samples **	
Name	Sample Event	Number Samples Collected	Number of Samples at or Below Action level of 15 ppb	Number of Samples Above Action Level of 15 ppb	Number of Samples at or Below Action level of 15 ppb	Number of Samples Above Action Level of 15 ppb
Intermediate School	3/10/2021	130	107	23	N/A	N/A

<sup>\*\*</sup> Confirmatory samples are samples collected subsequent to "Step 1" First Draw samples to verify initial findings of lead contamination, to assist in problem assessment to determine remediation and/or verify that lead levels are at or below action level post-remediation.



#### **Listing of Outlets Requiring Remediation**

Locations of Outlets Analyzed above the NYS Action Level of 15 parts per billion based upon Analysis of First Draw Samples:

Sample #	Classroom or other Location	Fixture/Outlet type	Laboratory Analysis in ppb
185.2-16	2 <sup>nd</sup> Floor Library	Sink	17.0
185.2-31	Small Room Connecting Rooms 232 and 238	Sink	32.6
185.2-37	Storage Room Between Rooms 241 and 245	Sink	111
185.2-53	Boys Locker Room Pool Coach's Office	Sink	20.9
185.2-67	Young Men's Lav Near Room 118 Right	Sink	15.5
185.2-76	Kitchen Handwash at Serving	Sink	18.8
185.2-79	Kitchen 3 Bay Left	Sink	20.6
185.2-90	Room 136	Sink	19.5
185.2-91	Room 140	Sink	63.9
185.2-92	Room 142 Left	Sink	26.8
185.2-93	Room 142 Right	Sink	22.0
185.2-116	Boy's Gym Locker Room Coach's Office	Sink	23.0
185.2-124	Room 162	Sink	44.2
185.2-127	Room 163	Sink	331
185.2-129	Room 164 Kitchen	Sink	20.8
185.2-130	Room 166 Bubbler	Bubbler	36.4
185.2-131	Room 166 Left	Sink	84.4
185.2-132	Room 166 Middle	Sink	106
185.2-133	Room 166 Right	Sink	71.4
185.2-134	Room 166 Rear	Sink	114
185.2-145	Girls Locker Room Gym Lav	Sink	15.3
185.2-178	Exterior Hose Bib	Hose Bib	558
185.2-180	Exterior Hose Bib	Hose Bib	111



#### 1.3 Response Actions Required Under NYS Regulations, Section 67-4.4:

For outlets analyzed with a lead concentration in excess of the NYS Action Level, regulations require:

- (a) Prohibit use of the outlet until:
  - (1) a lead remediation plan is implemented to mitigate the lead level of such outlet; and
  - (2) test results indicate that the lead levels are at or below the action level;
- (b) provide building occupants with an adequate supply of potable water for drinking and cooking until remediation is performed;
- (c) report the test results to the local health department as soon as practicable, but no more than 1 business day after the school received the laboratory report; and
- (d) notify all staff and all persons in parental relation to students of the test results, in writing, as soon as practicable but no more than 10 business days after the school received the laboratory report.



1.4 Laboratory Analytical Reports by Building



Environmental Hazards Services, L.L.C. 7469 Whitepine Rd Richmond, VA 23237 Telephone: 800.347.4010 Lead in Drinking Water Analysis Report

Report Number: 21-03-03759

Received Date: 03/17/2021
Reported Date: 04/14/2021
Sampled By: Christine Schultz

Sampled By: Chris Tech Certification #:

Client: Stohl Environmental

3860 California Road Orchard Park, NY 14127

Project/Test Address: 2020L-185.2; North Tonawanda Intermediate; 1500 Vanderbilt Ave;

Tonawanda, NY

Client Number: 33-5980

# **Laboratory Results**

Fax Number: 716-312-8092

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
21-03-03759-001	185.2-3B	03/10/2021	HALLWAY NEAR ROOM 202	2.97	04/10/2021	
21-03-03759-002	185.2-4B	03/10/2021	DRINKING FOUNTAIN BY 213	1.02	04/10/2021	
21-03-03759-003	185.2-5	03/10/2021	WOMEN'S LAV NEAR RM 213 LEFT	4.60	04/10/2021	
21-03-03759-004	185.2-6	03/10/2021	WOMEN'S LAV NEAR RM 213 2ND LEFT	4.96	04/10/2021	
21-03-03759-005	185.2-7	03/10/2021	WOMEN'S LAV NEAR RM 213 CENTER	5.01	04/10/2021	
21-03-03759-006	185.2-8	03/10/2021	WOMEN'S LAV NEAR RM 213 2ND RIGHT	13.4	04/10/2021	
21-03-03759-007	185.2-9	03/10/2021	WOMEN'S LAV NEAR ROOM 213 RIGHT	6.41	04/10/2021	
21-03-03759-008	185.2-10	03/10/2021	MEN'S LAV NEAR ROOM 213 LEFT	5.05	04/10/2021	
21-03-03759-009	185.2-11	03/10/2021	MEN'S LAV NEAR ROOM 213 2ND LEFT	5.06	04/10/2021	
21-03-03759-010	185.2-12	03/10/2021	MEN'S LAV NEAR ROOM 213 CENTER	6.48	04/10/2021	
21-03-03759-011	185.2-13	03/10/2021	MEN'S LAV NEAR ROOM 213 2ND RIGHT	5.49	04/10/2021	
21-03-03759-012	185.2-14	03/10/2021	MEN'S LAV BY 213 RIGHT	5.52	04/10/2021	

Client Number: 33-5980 Report Number: 21-03-03759

Project/Test Address: 2020L-185.2; North Tonawanda Intermediate; 1500 Vanderbilt Ave; Tonawanda, NY

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
21-03-03759-013	185.2-16	03/10/2021	2ND FLOOR LIBRARY	17.0	04/10/2021	
21-03-03759-014	185.2-17	03/10/2021	ROOM 228	11.3	04/11/2021	
21-03-03759-015	185.2-18	03/10/2021	YOUNG GIRLS LAV NEAR RM 230 LEFT	5.99	04/10/2021	
21-03-03759-016	185.2-19	03/10/2021	YOUNG GIRLS LAV NEAR RM 230 2ND LEFT	6.08	04/10/2021	
21-03-03759-017	185.2-20	03/10/2021	YOUNG GIRLS LAV NEAR RM 230 CENTER	7.78	04/10/2021	
21-03-03759-018	185.2-21	03/10/2021	YOUNG GIRLS LAV NEAR RM 230 2ND RIGHT	10.0	04/10/2021	
21-03-03759-019	185.2-22	03/10/2021	YOUNG GIRLS LAV NEAR RM 230 RIGHT	6.75	04/10/2021	
21-03-03759-020	185.2-23	03/10/2021	YOUNG MEN'S LAV NEAR RM 230 LEFT	6.52	04/10/2021	
21-03-03759-021	185.2-24	03/10/2021	YOUNG MEN'S LAV NEAR RM 230 2ND LEFT	6.68	04/10/2021	
21-03-03759-022	185.2-25	03/10/2021	YOUNG MEN'S LAV NEAR RM 230 CENTER	5.89	04/10/2021	
21-03-03759-023	185.2-26	03/10/2021	YOUNG MEN'S LAV NEAR RM 230 2ND RIGHT	6.05	04/10/2021	
21-03-03759-024	185.2-27	03/10/2021	YOUNG MEN'S LAV NEAR RM 230 RIGHT	5.97	04/10/2021	
21-03-03759-025	185.2-29B	03/10/2021	HALLWAY NEAR ROOM 230	3.09	04/10/2021	
21-03-03759-026	185.2-31	03/10/2021	SMALL RM CONNECTING RMS 232 AND 238	32.6	04/10/2021	
21-03-03759-027	185.2-37	03/10/2021	STORAGE RM BETWEEN RM 241/245	<mark>111</mark>	04/10/2021	
21-03-03759-028	185.2-46B	03/10/2021	HALLWAY NEAR RM 101	2.60	04/10/2021	
21-03-03759-029	185.2-47	03/10/2021	GIRLS LOCKER RM POOL LEFT	9.74	04/10/2021	
21-03-03759-030	185.2-48	03/10/2021	GIRLS LOCKER RM POOL RIGHT	5.44	04/10/2021	
21-03-03759-031	185.2-49	03/10/2021	GIRLS LOCKER RM POOL COACH OFFICE	10.9	04/10/2021	
21-03-03759-032	185.2-53	03/10/2021	BOYS LOCKER ROOM POOL COACH OFFICE	20.9	04/10/2021	

Client Number: 33-5980 Report Number: 21-03-03759

Project/Test Address: 2020L-185.2; North Tonawanda Intermediate; 1500

Vanderbilt Ave; Tonawanda, NY

Lab Sample Concentration Client Collection Collection Location Analysis Narrative Number Sample ID Date Date ID ug/L (ppb) 185.2-54 04/10/2021 21-03-03759-033 03/10/2021 6.12 **BOYS LOCKER ROOM POOL LEFT** 185.2-55 03/10/2021 04/10/2021 21-03-03759-034 **BOYS LOCKER ROOM POOL** 13.3 **RIGHT** 185.2-57B 04/10/2021 21-03-03759-035 03/10/2021 HALLWAY NEAR ROOM 109 4.32 185.2-58 04/11/2021 21-03-03759-036 03/10/2021 1.67 YOUNG WOMEN'S LAV **NEAR RM 118 LEFT** 185.2-59 04/10/2021 21-03-03759-037 03/10/2021 YOUNG WOMEN'S LAV 3.01 NEAR RM 118 2ND LEFT 185.2-60 04/11/2021 21-03-03759-038 03/10/2021 YOUNG WOMEN'S LAV 9.53 **NEAR RM 118 CENTER** 185.2-61 3.79 04/10/2021 21-03-03759-039 03/10/2021 YOUNG WOMEN'S LAV **NEAR RM 118 2ND RIGHT** 185.2-62 04/10/2021 21-03-03759-040 03/10/2021 YOUNG WOME'S LAV NEAR 3.71 RM 118 RIGHT 21-03-03759-041 185.2-63 03/10/2021 3.93 04/10/2021 YOUNG MEN'S LAV NEAR RM 118 LEFT 185.2-64 04/10/2021 21-03-03759-042 03/10/2021 YOUNG MEN'S LAV NEAR 3.79 RM 118 2ND LEFT 185.2-65 04/10/2021 21-03-03759-043 03/10/2021 5.54 YOUNG MEN'S LAV NEAR RM 118 CENTER 185.2-66 04/10/2021 21-03-03759-044 03/10/2021 YOUNG MEN'S LAV NEAR 5.41 RM 118 2ND RIGHT 21-03-03759-045 185.2-67 03/10/2021 15.5 04/10/2021 YOUNG MEN'S LAV NEAR RM 118 RIGHT 185.2-68B 04/10/2021 21-03-03759-046 03/10/2021 HALLWAY NEAR RM 118 1.78 185.2-70 04/10/2021 21-03-03759-047 03/10/2021 <1.00 MEN'S FACULTY LAV NEAR **FACULTY LOUNGE** 185.2-71 03/10/2021 1.72 04/10/2021 21-03-03759-048 WOMEN'S FACULTY LAV **NEAR FACULTY LOUNGE** 21-03-03759-049 185.2-73 03/10/2021 4.65 04/10/2021 OFFICE NEAR BOILER **ROOM** 185.2-75 04/10/2021 21-03-03759-050 03/10/2021 KITCHEN 2 BAY NW WALL 7.32 185.2-76 04/10/2021 21-03-03759-051 03/10/2021 18.8 KITCHEN HANDWASH AT **SERVING** 185.2-77 04/10/2021 21-03-03759-052 03/10/2021 2.72 KITCHEN DISHWASHER **SPRAYER** 

Client Number: 33-5980 Report Number: 21-03-03759

Project/Test Address: 2020L-185.2; North Tonawanda Intermediate; 1500

Vanderbilt Ave; Tonawanda, NY

Lab Sample Collection Location Concentration Client Collection Analysis Narrative Number Sample ID Date Date ID ug/L (ppb) 185.2-78 04/10/2021 21-03-03759-053 03/10/2021 12.3 KITCHEN HANDWASH AT **PREP** 185.2-79 03/10/2021 04/10/2021 21-03-03759-054 KITCHEN 3 BAY LEFT 20.6 185.2-80 04/10/2021 21-03-03759-055 03/10/2021 KITCHEN 3 BAY RIGHT 6.63 185.2-82 04/10/2021 21-03-03759-056 03/10/2021 3.67 KITCHEN BATHROOM 21-03-03759-057 185.2-83 03/10/2021 04/10/2021 **HEALTH OFFICE** 1.67 185.2-84 04/10/2021 21-03-03759-058 03/10/2021 **HEALTH BATHROOM** 1.81 21-03-03759-059 185.2-85 03/10/2021 2.57 04/10/2021 **HEALTH SICK RM** 185.2-86B 04/10/2021 21-03-03759-060 03/10/2021 1.93 CAFETERIA SOUTH 21-03-03759-061 185.2-87B 03/11/2021 3.92 04/10/2021 CAFETERIA NORTH 185.2-88 04/10/2021 21-03-03759-062 03/11/2021 KITCHEN BY PRINCIPAL 6.99 185.2-89 03/11/2021 04/10/2021 21-03-03759-063 4.48 KITCHEN BY GUIDANCE OFFICE 185.2-90 04/10/2021 21-03-03759-064 03/11/2021 **ROOM 136** 19.5 21-03-03759-065 185.2-91 03/11/2021 63.9 04/10/2021 **ROOM 140** 185.2-92 04/10/2021 21-03-03759-066 03/11/2021 **ROOM 142 LEFT** 26.8 185.2-93 22.0 04/10/2021 21-03-03759-067 03/11/2021 **ROOM 142 RIGHT** 21-03-03759-068 185.2-96 03/11/2021 <1.00 04/10/2021 YOUNG WOMEN'S LAV **ACROSS FROM RM 142 LEFT** 185.2-97 04/10/2021 21-03-03759-069 03/11/2021 YOUNG WOMEN'S LAV 1.14 ACROSS FROM RM 142 2ND **LEFT** 185.2-98 21-03-03759-070 03/11/2021 1.53 04/10/2021 YOUNG WOMEN'S LAV **ACROSS FROM RM 142 CENTER** 

Client Number: 33-5980 Report Number: 21-03-03759

Project/Test Address: 2020L-185.2; North Tonawanda Intermediate; 1500 Vanderbilt Ave; Tonawanda, NY

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
21-03-03759-071	185.2-99	03/11/2021	YOUNG WOMEN'S LAV ACROSS FROM RM 142 2ND RIGHT	1.10	04/10/2021	
21-03-03759-072	185.2-100	03/11/2021	YOUNG WOMEN'S LAV ACROSS FROM RM 142 RIGHT	1.69	04/10/2021	
21-03-03759-073	185.2-101	03/11/2021	YOUNG MEN'S LAV ACROSS FROM RM 142 LEFT	1.41	04/10/2021	
21-03-03759-074	185.2-102	03/11/2021	YOUNG MEN'S LAV ACROSS FROM RM 142 2ND LEFT	2.22	04/10/2021	
21-03-03759-075	185.2-103	03/11/2021	YOUNG MEN'S LAV ACROSS FROM RM 142 CENTER	1.57	04/10/2021	
21-03-03759-076	185.2-104	03/11/2021	YOUNG MEN'S LAV ACROSS FROM RM 142 2ND RIGHT	<1.00	04/10/2021	
21-03-03759-077	185.2-105	03/11/2021	YOUNG MEN'S LAV ACROSS FROM RM 142 RIGHT	1.09	04/10/2021	
21-03-03759-078	185.2-107B	03/11/2021	HALLWAY ACROSS FROM RM 142	1.44	04/10/2021	
21-03-03759-079	185.2-115	03/11/2021	BOY'S GYM LOCKER ROOM LAV	6.57	04/10/2021	
21-03-03759-080	185.2-116	03/11/2021	BOY'S GYM LOCKER RM COAHCES OFFICE	23.0	04/10/2021	
21-03-03759-081	185.2-117	03/11/2021	BOY'S GYM LOCKER ROOM	3.63	04/10/2021	
21-03-03759-082	185.2-119B	03/11/2021	HALLWAY NEAR GYM LOCKER RMS	1.87	04/10/2021	
21-03-03759-083	185.2-120	03/11/2021	ROOM 158 NORTH	2.72	04/10/2021	
21-03-03759-084	185.2-121	03/11/2021	ROOM 158 SOUTH	4.86	04/10/2021	
21-03-03759-085	185.2-124	03/11/2021	ROOM 162	44.2	04/10/2021	
21-03-03759-086	185.2-125	03/11/2021	MEN'S LAV NEAR RM 160	3.72	04/10/2021	
21-03-03759-087	185.2-126	03/11/2021	WOMEN'S LAV NEAR ROOM 160	3.75	04/10/2021	
21-03-03759-088	185.2-127	03/11/2021	ROOM 163	331	04/10/2021	

Client Number: 33-5980 Report Number: 21-03-03759

Project/Test Address: 2020L-185.2; North Tonawanda Intermediate; 1500 Vanderbilt Ave; Tonawanda, NY

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
21-03-03759-089	185.2-128	03/11/2021	ROOM 164	6.14	04/10/2021	
21-03-03759-090	185.2-129	03/11/2021	ROOM 164 KITCHEN	20.8	04/10/2021	
21-03-03759-091	185.2-130	03/11/2021	RM 166 BUB	36.4	04/10/2021	
21-03-03759-092	185.2-131	03/11/2021	RM 166 LEFT	84.4	04/10/2021	
21-03-03759-093	185.2-132	03/11/2021	RM 166 MIDDLE	106	04/10/2021	
21-03-03759-094	185.2-133	03/11/2021	RM 166 RIGHT	71.4	04/10/2021	
21-03-03759-095	185.2-134	03/11/2021	RM 166 REAR	114	04/10/2021	
21-03-03759-096	185.2-139	03/11/2021	WOMEN'S LAV NEAR 170 LEFT	6.63	04/10/2021	
21-03-03759-097	185.2-140	03/11/2021	WOMEN'S LAV NEAR 170 RIGHT	5.62	04/10/2021	
21-03-03759-098	185.2-141	03/11/2021	BOY'S LAV NEAR 170 LEFT	5.00	04/10/2021	
21-03-03759-099	185.2-142	03/11/2021	BOY'S RM NEAR RM 170 RIGHT	5.50	04/10/2021	
21-03-03759-100	185.2-143B	03/11/2021	HALLWAY NEAR RM 171	1.85	04/10/2021	
21-03-03759-101	185.2-145	03/11/2021	GIRLS LOCKER RM GYM LAV	15.3	04/12/2021	
21-03-03759-102	185.2-146	03/11/2021	GIRLS LOCKER RM GYM COACH'S OFFICE	5.63	04/10/2021	
21-03-03759-103	185.2-147	03/11/2021	GIRLS GYM LOCKER RM	6.42	04/10/2021	
21-03-03759-104	185.2-149	03/11/2021	BOCES WING UNISEX LAV LEFT	<1.00	04/10/2021	
21-03-03759-105	185.2-150	03/11/2021	BOCES WING UNISEX LAV RIGHT	<1.00	04/10/2021	
21-03-03759-106	185.2-151	03/11/2021	BOCES WING MAIN OFFICE	2.09	04/10/2021	
21-03-03759-107	185.2-152	03/11/2021	ROOM 196A	1.40	04/10/2021	
21-03-03759-108	185.2-153	03/11/2021	ROOM 194/196A BATHROOM	3.36	04/10/2021	

Report Number:

21-03-03759

Client Number: 33-5980

Project/Test Address: 2020L-185.2; North Tonawanda Intermediate; 1500

Vanderbilt Ave; Tonawanda, NY

Lab Sample Collection Location Concentration Client Collection Analysis Narrative Number Sample ID Date Date ID ug/L (ppb) 185.2-154 04/10/2021 21-03-03759-109 03/11/2021 1.44 **ROOM 194** 185.2-155 04/10/2021 21-03-03759-110 03/11/2021 **ROOM 192 BATHROOM** 1.42 185.2-156 04/10/2021 21-03-03759-111 03/11/2021 1.44 **ROOM 192** 185.2-157 04/10/2021 21-03-03759-112 03/11/2021 2.87 **ROOM 190 BATHROOM** 21-03-03759-113 185.2-158 04/10/2021 03/11/2021 **ROOM 190** 1.81 185.2-159 04/10/2021 21-03-03759-114 03/11/2021 **ROOM 188A** 1.58 21-03-03759-115 185.2-162 03/11/2021 2.34 04/10/2021 **ROOM 187** 185.2-163 04/10/2021 21-03-03759-116 03/11/2021 3.06 **ROOM 187 BACK ROOM** 21-03-03759-117 185.2-164 03/11/2021 1.47 04/10/2021 **ROOM 186A** 185.2-165 04/10/2021 21-03-03759-118 03/11/2021 **GIRLS LAV NEAR RM 186** 2.74 **LEFT** 185.2-166 03/11/2021 04/10/2021 21-03-03759-119 2.78 **GIRLS LAV NEAR RM 186** RIGHT 185.2-169 04/10/2021 21-03-03759-120 03/11/2021 **BOY'S LAV NEAR RM 186** 3.07 **LEFT** 21-03-03759-121 185.2-170 03/11/2021 1.43 04/10/2021 **BOY'S RM NEAR RM 186 RIGHT** 185.2-171 04/10/2021 21-03-03759-122 03/11/2021 **ROOM 182** 1.97 185.2-172 04/10/2021 21-03-03759-123 03/11/2021 3.27 **ROOM 182 BATHROOM** 21-03-03759-124 185.2-173 03/11/2021 1.99 04/10/2021 180A 21-03-03759-125 185.2-174 03/11/2021 3.00 04/10/2021 **ROOM 184A LAV** 185.2-175 04/10/2021 21-03-03759-126 03/11/2021 **ROOM 184A** 1.73 185.2-176 04/10/2021 21-03-03759-127 03/11/2021 MEN'S FAC LAV 2ND FLOOR 3.57 185.2-177 2.66 04/10/2021 21-03-03759-128 03/11/2021 WOMEN'S FAC LAV 2ND **FLOOR** 

Client Number: 33-5980 Report Number: 21-03-03759

Project/Test Address: 2020L-185.2; North Tonawanda Intermediate; 1500

Vanderbilt Ave; Tonawanda, NY

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
21-03-03759-129	185.2-178	03/11/2021	EXTERIOR HB	558	04/10/2021	
21-03-03759-130	185.2-180	03/11/2021	EXTERIOR HB	111	04/10/2021	

Method: EPA 200.8 Analyst: Anthony Dee Accreditation #: NY 11714

Reviewed By Authorized Signatory:

Melisoa Kanode

Missy Kanode

QA/QC Clerk

Sample Results denoted with a "less than" (<) sign contain less than the reporting limit which is 1 ppb.

The EPA Maximum Contaminant Level for Lead in Drinking Water is 15 ppb. The results herein conform to NELAC standards, where applicable, unless otherwise narrated on this report. Results represent the analysis of samples submitted by the client. Sample location, description, field parameter results, etc., were provided by the client. This report cannot be reproduced, except in full, without written approval from Environmental Hazards Services, L.L.C.

**LEGEND** 

ug/L= micrograms per liter

ppb = parts per billion





1.5 Laboratory Certifications

## NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER



Expires 12:01 AM April 01, 2022 Issued April 01, 2021 Revised April 02, 2021

#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. JULIE DICKERSON
ENVIRONMENTAL HAZARDS SERVICES, LLC
7469 WHITEPINE ROAD
N. CHESTERFIELD, VA 23237

NY Lab Id No: 11714

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES POTABLE WATER

All approved analytes are listed below:

#### Metals I

Arsenic, Total EPA 200.8 Rev. 5.4

Copper, Total SM 19, 21-23 3113B (-04,-10)

EPA 200.8 Rev. 5.4

Lead, Total SM 19, 21-23 3113B (-04,-10)

EPA 200.8 Rev. 5.4

Manganese, Total EPA 200.8 Rev. 5.4

Department of Health

Serial No.: 63485

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.







1.6 Chains of Custody





WWW.STOHLENVIRONMENTÁL.COM

### **Chain of Custody Document**

Submitted to: (Lab Name)

**EHS** 

3860 California Road, Orchard Park, New York 14127 PHONE (716) 312-0070 FAX (716) 312-8092

STOHL Job#

2020L-185.2

**Outlet Type** 

Time

C	liant.	
	ient:	

North Tonawanda CSD

Contact: Jim Hart

Building: North Tonawanda Intermediate

Location: 1500 Vanderbilt Ave, Tonawanda, NY

LEAD

Water by SM 19, 21 - 23 3113B (-04, -10)

Turnaround 20 Days

Sample #	Loc	ation
185.2-3B	Hallway near room 202	
185.2-4B	Drinking fountain by 213	
185.2-5	Women's lav near rm 213 left	
185.2-6	Women's lav near rm 213 2nd left	
185.2-7	Women's lav near rm 213 center	
185.2-8	Women's lav near rm 2132nd right	
185.2-9	womens lav near room 213 right	
185.2-10	Men's lav near room 213 left	
185.2-11	Men's lav near room 213 2nd left	
185.2-12	Men's lav near room 213 center	- 21-03-03759
185.2-13	Men's lav near room 213 2nd right	- 21-00-00708
185.2-14	Men's lav by 213 right	
185.2-16	2nd floor library	—
185.2-17	room 228	- 04/14/2021
185.2-18	young girls lav near rm 230 left	_ (Wednesday)
185.2-19	young girls lav near rm 230 2nd left	AE
185.2-20	young girls lav near rm 230center	<del>-</del>
185.2-21	young girls lav near rm 230 2nd right	<del>-</del>

23:00
23:01
23:02
23:03
23:04
23:05
23:06
23:07
23:08
23:09
23:10
23:11
23:12
23:13
23:14
23:15
23:16
23:17

N	otes	

Please e-mail lab results to labs@stohlenv.com

If checked, also e-mail results to:

Ehenderson@StohlEnv.com

Sampled By: Christi	ne Schultz	Print Name	Stohl Env:	Christine Schultz	Date: 3/10	0/2021
Relinquished By: 5.	+4-l-Q	Print Name	Stohl Env:	Eric Henderson Jr.	Date: 3/11	1/2021
Received (Name / Lab):	CHARRIS	X Main	∫ Date:	1.17.21	Time:	3:00 m
Sample Login (Name / La	b): Though		Date: 9	16/21		9.35
Analysis (Name / Lab):	Lour	A	Date:	4/12/1	Time:	4.7gm
QA/QC Review (Name / L	( V ) *	W	Date:	light	Time:	Om
Archived / Released:	QA/QC InterLA	\B Use:	Date:	•	Time:	

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Submitted to: (Lab Name)

EHS

STOHL Job#

2020L-185.2

3860	California Road, Orchard Park, New York 1412
	PHONE (716) 312-0070 FAX (716) 312-8092
	WWW.STOHLENVIRONMENTAL.COM

Client:	North Tonawanda CSD	Contact: Jin	n Hart	
uilding: North Tonawanda Intermediate		Location: 15	Location: 1500 Vanderbilt Ave, Tonawanda, NY	
EAD			Turnaround	
Vater by	SM 19, 21 - 23 3113B (-04, -10)	x	20 Days	

Sample #	Location	Outlet Type	Time
185.2-22	young girls lav near rm 230 right	S	23:18
185.2-23	young men's lav near rm 230 left	S	23:19
185.2-24	young men's lav near rm 230 2nd left	S	23:20
185.2-25	young men's lav near rm 230 center	S	23:21
185.2-26	young men's lav near rm 230 2nd right	S	23:22
185.2-27	young men's lav near rm 230 right	S	23:23
185.2-29B	hallway near room 230	DFB	23:24
185.2-31	small rm connecting rms 232 and 238	S	23:25
185.2-37	storage rm between rm 241/245	S	23:26
185.2-46B	hallway near rm 101	DF	23:27
185.2-47	Girls locker rm pool left	S	23:28
185.2-48	Girls locker rm pool right	S	23:29
185.2-49	Girls locker rm pool Coach office	S	23:30
185.2-53	boys locker room pool Coach office	S	23:31
185.2-54	boys locker room pool left	S	23:32
185.2-55	boys locker room pool right	S	23:33
185.2-57B	hallway near room 109	DFB	23:34
185.2-58	young women's lav near rm 118 left	S	23:35

Notes: Please e-mail lab results to lab	s@stohlenv.com	-	
Sampled By: Christine Sc	hultz Print Name	Stohl Env: Christine Schultz	Date: 3/10/2021
Relinquished By:	Fl.Q. Print Name	Stohl Env: Eric Henderson Jr.	Date: 3/11/2021
Received (Name / Lab):	KITHARRIS DOG	-Date: 3 17 21	Time: 3:,00pm
Sample Login (Name / Lab):	-Theligner/	Date: 4/6/1	Time: 9:34
Analysis (Name / Lab):	Young O'el	Date:	Time: 479
QA/QC Review (Name / Lab):	Meluly	Date: <u>MMM</u>	Time:
Archived / Released:	QA/QC InterLAB Use:	Date:	Time:

Page 2 of 8



Submitted to: (Lab Name)

EHS

STOHL Job#

2020L-185.2

3860 California Road, Orchard Park, New York 14127
PHONE (716) 312-0070 FAX (716) 312-8092
WWW.STOHLENVIRONMENTAL.COM

Client:	North Tonawanda CSD	Contact:	Jim Hart
Building:	North Tonawanda Intermediate	Location:	1500 Vanderbilt Ave, Tonawanda, NY
LEAD			Turnaround
Water by	SM 19, 21 - 23 3113B (-04, -10)	X	20 Days

Sample #	Location	Outlet Type	Time
185.2-59	young women's lav near rm 118 2nd left	S	23:36
185.2-60	young women's lav near rm 118 center	S	23:37
185.2-61	young women's lav near rm 118 2nd right	S	23:38
185.2-62	young women's lav near rm 118 right	S	23:39
185.2-63	young men's lav near rm 118 left	S	23:40
185.2-64	young men's lav near rm 118 2nd left	S	23:41
185.2-65	young men's lav near rm 118center	S	23:42
185.2-66	young men's lav near rm 118 2nd right	S	23:43
185.2-67	young men's lav near rm 118 right	S	23:44
185.2-68B	hallway near rm 118	DFB	23:45
185.2-70	men's faculty lav near faculty lounge	S	23:46
185.2-71	women's faculty lav near faculty lounge	S	23:47
185.2-73	office near boiler room	S	23:48
185.2-75	kitchen 2 Bay NW wall	S	23:49
185.2-76	kitchen Handwash @ serving	S	23:50
185.2-77	kitchen dishwasher sprayer	S	23:51
185.2-78	kitchen Handwash @ prep	S	23:52
185.2-79	kitchen 3 Bay left	S	23:53

Notes: Please e-mail lab results to lab	s@stohlenv.com		
Sampled By: Christine Sc	hultz Print Name	Stohl Env: Christine Schultz	Date: 3/10/2021
Relinquished By:	Flog Print Name	Stohl Env: Eric Henderson Jr.	Date: 3/11/2021
Received (Name / Lab):	KTHARRISH	Date: 3 17 21	Time: 3.000
Sample Login (Name / Lab):	Theham	Date: 7/6/2/	Time: 9-34
Analysis (Name / Lab):	Long blee	Date: 4111	Time: Uiff
QA/QC Review (Name / Lab):	Mellis	Date: WWW	Time:
Archived / Released:	_QA/QC InterLAB Use:	Date:	Time:

Page

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Submitted to: (Lab Name)

EHS

STOHL Job#

2020L-185.2

	PHONE (716) 312-0070 FAX (716) 312-809 WWW.STOHLENVIRONMENTAL.COM		
Client:	North Tonawanda CSD	Contact:	Jim Hart
Building:	North Tonawanda Intermediate	Location:	1500 Vanderbilt Ave, Tonawanda, NY
<u>LEAD</u> Water by	SM 19, 21 - 23 3113B (-04, -10)	X	Turnaround 20 Days

Sample #	Location	Outlet Type	Time
185.2-80	kitchen 3 Bay right	S	23:54
185.2-82	kitchen bathroom	S	23:55
185.2-83	Health Office	S	23:56
185.2-84	Health bathroom	S	23:57
185.2-85	Health sick rm	S	23:58
185.2-86B	cafeteria south	DFB	23:59
185.2-87B	cafeteria north	DFB	0:00
185.2-88	Kitchen by principal	S	0:01
185.2-89	kitchen by guidance office	S	0:02
185.2-90	Room 136	S	0:03
185.2-91	room 140	S	0:04
185.2-92	room 142 left	S	0:05
185.2-93	room 142 right	S	0:06
185.2-96	Young women's lav across from rm 142 left	S	0:07
185.2-97	Young women's lav across from rm 142 2nd left	S	0:08
185.2-98	Young women's lav across from rm 142 center	S	0:09
185.2-99	Young women's lav across from rm 142 2nd right	S	0:10
185.2-100	Young women's lav across from rm 142 right	S	0:11

Please e-mail lab results to lab	s@stohlenv.com		
Sampled By: Christine So	chultz Print Name	Stohl Env: Christine Schultz	Date: 3/10/2021
Relinquished By:	Frint Name	Stohl Env: Eric Henderson Jr.	Date: 3/11/2021
Received (Name / Lab):	KTHABBIS	Date: 3/17/21	Time: 3:00
Sample Login (Name / Lab):	Tuligan	Date: <u> </u>	Time: 9. 44
Analysis (Name / Lab):	Lougo de	Date: 4	Time: U'A
QA/QC Review (Name / Lab):	Melon	Date: WWW	Time:
Archived / Released:	_QA/QC InterLAB Use:	Date:	Time:

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3860 California Road, Orchard Park, New York 14127 PHONE (716) 312-0070 FAX (716) 312-8092

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### **Chain of Custody Document**

Submitted to: (Lab Name)

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STOHL Job#

2020L-185.2

Time 0:12 0:13 0:14 0:15 0:16 0:17 0:18 0:19 0:20 0:21 0:22 0:23 0:24 0:25 0:26 0:27

	WWW.STOHLENVIRONMENTAL.C	<u>:OM</u>		
Client:	North Tonawanda CSD	Contact: Jii	m Hart	
Building:	North Tonawanda Intermediate	Location: 15	500 Vanderbilt Ave, Tonawanda, NY	
LEAD			Turnaround	
Water by	SM 19, 21 - 23 3113B (-04, -10)	X	20 Days	

Sample #	Location	Outlet Typ
185.2-101	Young men's lav across from rm 142 left	S
185.2-102	Young men's lav across from rm 142 2nd left	S
185.2-103	Young men's lav across from rm 142 center	S
185.2-104	Young men's lav across from rm 142 2nd right	S
185.2-105	Young men's lav across from rm 142 right	S
185.2-107B	hallway across from rm 142	DFB
185.2-115	boys gym locker room lav	S
185.2-116	boy's gym locker rm coaches office	S
185.2-117	boy's gym locker room	В
185.2-119B	hallway near gym locker rms	DFB
185.2-120	Room 158 north	S
185.2-121	room 158 south	S
185.2-124	room 162	S
185.2-125	men's lav near rm 160	S
185.2-126	women's lav near room 160	S
185.2-127	room 163	S
185.2-128	room 164	S
185.2-129	room 164 kitchen	S

185.2-128 r	room 164		S 0:28
185.2-129 r	room 164 kitchen		S 0:29
			Become
Notes:			
Please e-mail lab re	esults to labs@stohlenv.com		
Sampled By:	Christine Schultz Print Name	Stohl Env: Christine Schultz	Date: 3/10/2021
Relinquished By:	5: 44-10 Print Name	Stohl Env: Eric Henderson Jr.	Date: 3/11/2021
			Date. 0,11/2021
Received (Name / I	Lab):	Date: 31/1/21	Time: 3:000
,	,		
Sample Login (Nam	ne / Lab): Thigh	Date: 4/6/21	Time: 9:45
	1	1 11 10 10 1	11/26
Analysis (Name / La	ab): John Oc	Date:	Time:
	00.511	1111101	7
QA/QC Review (Na	ame / Lab):	Date: MIMU	Time:
	T .		V /

Page <u>5</u> of <u>8</u>

QA/QC InterLAB Use: \_\_\_\_\_ Date: \_\_\_\_



Submitted to: (Lab Name)

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STOHL Job#

2020L-185.2

3860 California Road, Orchard Park, New York 141	21
PHONE (716) 312-0070 FAX (716) 312-8092	
WWW.STOHLENVIRONMENTAL.COM	

Client:	North Tonawanda CSD	Contact: <u>J</u>	im Hart
Building:	North Tonawanda Intermediate	Location: _1	500 Vanderbilt Ave, Tonawanda, NY
LEAD			Turnaround
Water by	SM 19, 21 - 23 3113B (-04, -10)	х	20 Days

Sample #	Location	Outlet Type	Time
185.2-130	RM 166 bub	В	0:30
185.2-131	RM 166 left	S	0:31
185.2-132	RM 166 middle	S	0:32
185.2-133	RM 166 right	S	0:33
185.2-134	RM 166 rear	S	0:34
185.2-139	women's lav near 170 left	S	0:35
185.2-140	women's lav near 170 right	S	0:36
185.2-141	boy's lav near 170 left	S	0:37
185.2-142	Boy's rm near rm 170 right	S	0:38
185.2-143B	hallway near rm 171	DFB	0:39
185.2-145	girls locker rm gym lav	S	0:40
185.2-146	girls locker rm gym coach's office	S	0:41
185.2-147	girls gym locker rm	В	0:42
185.2-149	BOCES wing Unisex Lav left	S	0:43
185.2-150	BOCES wing Unisex Lav right	S	0:44
185.2-151	BOCES wing main office	S	0:45
185.2-152	room 196a	S	0:46
185.2-153	room 194/196a bathroom	S	0:47

Notes: Please e-mail lab results to labs@stohlen	v.com			
Sampled By: Christine Schultz	Print Name	Stohl Env:	Christine Schultz	Date: 3/10/2021
Relinquished By: 5. 14.0	Print Name	Stohl Env:	Eric Henderson Jr.	Date: 3/11/2021
Received (Name / Lab):	Blow-	Date:	3/17/21	Time: 3100 pr
Sample Login (Name / Lab):	gm/	Date:	ylula	Time: 9. Y%
Analysis (Name / Lab):	un Oel	Date:	ality	Time: 4/79
QA/QC Review (Name / Lab):	elul	Date:	11421	Time:
Archived / Released:QA/QC Ir	nterLAB Use:	Date:		Time:

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### **Chain of Custody Document**

Submitted to: (Lab Name)

EHS

STOHL Job#

2020L-185.2

Time 0:48 0:49 0:50 0:51 0:52 0:53 0:54 0:55 0:56 0:57 0:58 0:59 1:00 1:01 1:02 1:03 1:04 1:05

WWW.STOHLENVIRONMENTAL	COM	
Client: North Tonawanda CSD	Contact: Jim Hart	
Building: North Tonawanda Intermediate	Location: 1500 Vanderbilt Ave, Tonawanda, NY	
<u>LEAD</u> Water by SM 19, 21 - 23 3113B (-04, -10)	Turnaround X 20 Days	
	i i i i i i i i i i i i i i i i i i i	

Sample #	Location	Outlet Type
185.2-154	room 194	S
185.2-155	room 192 bathroom	S
185.2-156	room 192	S
185.2-157	room 190 bathroom	S
185.2-158	room 190	S
185.2-159	room 188a	S
185.2-162	room 187	· S
185.2-163	room 187 back room	S
185.2-164	room 186a	S
185.2-165	Girls lav near rm 186 left	S
185.2-166	Girls lav near rm 186 right	S
185.2-169	boy's lav near rm 186left	S
185.2-170	boy's rm near rm 186 right	S
185.2-171	room 182	S
185.2-172	room 182 bathroom	S
185.2-173	180a	S
185.2-174	room 184a lav	S
185.2-175	Room 184a	S

Notes. Please e-mail lab results to labs@stohlenv.o	com	-	
Sampled By: Christine Schultz	Print Name	Stohl Env: Christine Schultz	Date: 3/10/2021
Relinquished By:	Print Name	Stohl Env: Eric Henderson Jr.	Date: 3/11/2021
Received (Name / Lab):	EST-	Date: 3 17 21	Time: 3:00 pm
Sample Login (Name / Lab)։	m	Date: 4/6/21	Time: 9: 45,
Analysis (Name / Lab):	20 cec	Date: UMU	Time: My9
QA/QC Review (Name / Lab):	Jenly	Date:	Time:
Archived / Released:QA/QC Inte	rLAB Use:	Date:	Time:

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Page



3860 California Road, Orchard Park, New York 14127

# **Chain of Custody Document**

Submitted to: (Lab Name)

EHS

STOHL Job #

2020L-185.2

	PHONE (716) 312-0070 FAX (716) 312-8092 WWW.STOHLENVIRONMENTAL.COM		
Client:	North Tonawanda CSD	Conta	ot: Jim Hart
Building:	North Tonawanda Intermediate	Locatio	n: 1500 Vanderbilt Ave, Tonawanda, NY
LEAD Water by	SM 19, 21 - 23 3113B (-04, -10)	X	Turnaround 20 Days

Sample #	Location	Outlet T	ype Time
185.2-176	Men's fac lav 2nd floor	S	1:06
185.2-177	women's fac lav 2nd floor	S	1:07
185.2-178	Exterior HB	HB	1:08
185.2-180	exterior HB	НВ	1:09
·			
· · · · · · · · · · · · · · · · · · ·			

Notes: Please e-mail lab results to lab	s@stohlenv.com		
Sampled By: Christine Sc	hultz Print Name	Stohl Env: Christine Schultz	Date: 3/10/2021
Relinquished By:	Print Name	Stohl Env: Eric Henderson Jr.	Date: 3/11/2021
Received (Name / Lab):	KTHARRIS	Date: 3-17-21	Time: 3.00 pm
Sample Login (Name / Lab):	Tholigan	Date: 4/6/21	Time:
Analysis (Name / Lab):	Lowy Ocel	Date: UICIU	Time: U, 7G
QA/QC Review (Name / Lab):	Melle	Date:	Time:
Archived / Released:	QA/QC InterLAB Use:	Date:	Time:

Page

\_8 of \_8



3860 California Road, Orchard Park, New York 14127 PHONE (716) 312-0070 FAX (716) 312-8092 WWW.STOHLENVIRONMENTAL.COM