ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING

171 Commerce Street
Williston, VT 05495
Telephone 802-862-1980
Fax 737-207-8272
www.atcgroupservices.com

May 9, 2019

Mr. Kurt Proulx
5420 Shelburne Road
Shelburne, VT 05482

RE: Lead in Drinking Water Sampling
Charlotte Central School
Champlain Valley School District
Williston, VT 05495
ATC Project #280EM00349

Dear Kurt:

This report details the lead in drinking water sampling conducted at the Charlotte Central School, located in Charlotte, Vermont. ATC understands that the Charlotte Central School receives its water from an on-site well.

On April 22, 2019, ATC Group Services (ATC) conducted sampling at 16 locations as directed by CVSD facilities personnel. Each sampling location consisted of two (2) samples (A & B), a first draw (A) collected from a system left unused for a minimum of 6 hours and a flush sample (B) collected after location had been flushed with moving water for a minimum of 30 seconds. One (1) Blank sample per day and two (2) duplicate samples per facility were also collected for quality control purposes.

Lead in drinking water samples were submitted for analysis via EPA method SM 200.8 to Endyne Environmental Laboratories in Williston, Vermont.

Seventeen (17) of the samples collected were found to have detectable concentrations of lead. None of the detectable results exceeded the Vermont Department of Health (VDH) Vermont Health Advisory (VHA) Drinking Water Guidance level of 15 ug/L for Lead. All other samples collected were found to be below the laboratory detection limit of 1.0 ug/L.

The following table illustrates samples that contained a detectable concentration of lead.

List of samples with lead concentrations exceeding VHA Drinking Water Guidance level and laboratory detection limits:

Sample Number	*Sample Location*	*Lead Detected* (ug/L) VHA Standard 15 ug/L*
CCS-02A	Art/Spanish Room First Draw	2.1
CCS-02B	Art/Spanish Room Flush	1.1
CCS-03A	Music Room First Draw	3.3
CCS-03B	Music Room Flush	1.6
CCS-06A	Room 104 First Draw	2.1
CCS-06B	Room 104 Flush	1.6
CCS-07A	Room 106 First Draw	3.3
CCS-07B	Room 106 Flush	1.8
CCS-08A	Room 108 First Draw	1.3
CCS-09A	Room 110 First Draw	1.9
CCS-10A	Room 107 First Draw	1.9
CCS-10B	Room 107 Flush	13
CCS-11A	Room 109 First Draw	4.0
CCS-11B	Room 109 Flush	1.4
CCS-12A	Room 112 First Draw	1.4
CCS-13A	Room 114 First Draw	2.3
CCS-14A	Room 111 First Draw	1.6

Laboratory analytical results are included in **Appendix A** and a sample location diagram can be found in **Appendix B.** Applicable certifications are included as **Appendix C**.

Thank you for selecting ATC for your environmental management needs. If you have any questions concerning this correspondence, please feel free to contact us at 862-1980.

Sincerely,

ATC Group Services, LLC

For: Harland Miller
Senior Environmental Technician
Direct Line +1 802-862-1980
Email: harland.miller@atcgs.com

Robert Montgomery
Senior Project Manager
Direct Line +1 802-862-1980
Email: rob.montgomery@atcgs.com

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APPENDIX A

Lead in Drinking Water Laboratory Results

ENDYNE Inc.
Environmental Laboratories

ATC Group Services	
PO Box 1486	100043
Williston, VT 05495	
Atten: Harland Miller	

PROJECT: CCS
WORK ORDER: **1904-08765**
DATE RECEIVED: April 23, 2019
DATE REPORTED: April 29, 2019
SAMPLER: Harland Miller

Laboratory Report

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody. All required method quality control elements including instrument calibration were performed in accordance with method requirements and determined to be acceptable unless otherwise noted.

The column labeled Lab/Tech in the accompanying report denotes the laboratory facility where the testing was performed and the technician who conducted the assay. A "W" designates the Williston, VT lab under NELAC certification ELAP 11263; "R" designates the Lebanon, NH facility under certification NH 2037 and "N" the Plattsburgh, NY lab under certification ELAP 11892. "Sub" indicates the testing was performed by a subcontracted laboratory. The accreditation status of the subcontracted lab is referenced in the corresponding NELAC and Qual fields.

The NELAC column also denotes the accreditation status of each laboratory for each reported parameter. "A" indicates the referenced laboratory is NELAC accredited for the parameter reported. "N" indicates the laboratory is not accredited. "U" indicates that NELAC does not offer accreditation for that parameter in that specific matrix. Test results denoted with an "A" meet all National Environmental Laboratory Accreditation Program requirements except where denoted by pertinent data qualifiers. Test results are representative of the samples as they were received at the laboratory

Endyne, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose.

Reviewed by:

Harry B. Locker, Ph.D.
Laboratory Director

Laboratory Report DATE REPORTED: 04/29/2019

CLIENT: ATC Group Services
PROJECT: CCS

WORK ORDER: **1904-08765**
DATE RECEIVED: 04/23/2019

001 Site: CCS-01A Date Sampled: 4/22/19 Time: 13:52

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 8:56	W SJM	A	

002 Site: CCS-01B Date Sampled: 4/22/19 Time: 13:53

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 8:58	W SJM	A	

003 Site: CCS-02A Date Sampled: 4/22/19 Time: 13:54

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0021	mg/L	EPA 200.8	4/26/19 9:01	W SJM	A	

004 Site: CCS-02B Date Sampled: 4/22/19 Time: 13:57

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0011	mg/L	EPA 200.8	4/26/19 9:03	W SJM	A	

005 Site: CCS-03A Date Sampled: 4/22/19 Time: 14:01

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0033	mg/L	EPA 200.8	4/26/19 9:06	W SJM	A	

006 Site: CCS-03B Date Sampled: 4/22/19 Time: 14:02

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0016	mg/L	EPA 200.8	4/26/19 9:09	W SJM	A	

007 Site: CCS-04A Date Sampled: 4/22/19 Time: 14:14

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 9:11	W SJM	A	

008 Site: CCS-04B Date Sampled: 4/22/19 Time: 14:16

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 9:14	W SJM	A	

009 Site: CCS-05A Date Sampled: 4/22/19 Time: 14:18

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 9:24	W SJM	A	

010 Site: CCS-05B Date Sampled: 4/22/19 Time: 14:22

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 9:32	W SJM	A	

011 Site: CCS-06A Date Sampled: 4/22/19 Time: 14:20

Laboratory Report DATE REPORTED: 04/29/2019

CLIENT: ATC Group Services
PROJECT: CCS

WORK ORDER: **1904-08765**
DATE RECEIVED: 04/23/2019

011 Site: CCS-06A Date Sampled: 4/22/19 Time: 14:20

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0021	mg/L	EPA 200.8	4/26/19 9:35	W SJM	A	

012 Site: CCS-06B Date Sampled: 4/22/19 Time: 14:22

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0016	mg/L	EPA 200.8	4/26/19 9:37	W SJM	A	

013 Site: CCS-07A Date Sampled: 4/22/19 Time: 14:24

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0033	mg/L	EPA 200.8	4/26/19 9:40	W SJM	A	

014 Site: CCS-07B Date Sampled: 4/22/19 Time: 14:25

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0018	mg/L	EPA 200.8	4/26/19 9:43	W SJM	A	

015 Site: CCS-08A Date Sampled: 4/22/19 Time: 14:27

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0013	mg/L	EPA 200.8	4/26/19 9:45	W SJM	A	

016 Site: CCS-08B Date Sampled: 4/22/19 Time: 14:29

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 9:48	W SJM	A	

017 Site: CCS-09A Date Sampled: 4/22/19 Time: 14:30

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0019	mg/L	EPA 200.8	4/26/19 9:50	W SJM	A	

018 Site: CCS-09B Date Sampled: 4/22/19 Time: 14:32

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 9:53	W SJM	A	

019 Site: CCS-10A Date Sampled: 4/22/19 Time: 14:34

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0019	mg/L	EPA 200.8	4/26/19 10:01	W SJM	A	

020 Site: CCS-10B Date Sampled: 4/22/19 Time: 14:35

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0013	mg/L	EPA 200.8	4/26/19 10:08	W SJM	A	

021 Site: CCS-11A Date Sampled: 4/22/19 Time: 14:39

Laboratory Report DATE REPORTED: 04/29/2019

CLIENT: ATC Group Services
PROJECT: CCS

WORK ORDER: **1904-08765**
DATE RECEIVED: 04/23/2019

021 Site: CCS-11A Date Sampled: 4/22/19 Time: 14:39

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0040	mg/L	EPA 200.8	4/26/19 10:11	W SJM	A	

022 Site: CCS-11B Date Sampled: 4/22/19 Time: 14:41

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0014	mg/L	EPA 200.8	4/26/19 10:14	W SJM	A	

023 Site: CCS-12A Date Sampled: 4/22/19 Time: 14:43

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0014	mg/L	EPA 200.8	4/26/19 10:16	W SJM	A	

024 Site: CCS-12B Date Sampled: 4/22/19 Time: 14:45

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 10:19	W SJM	A	

025 Site: CCS-13A Date Sampled: 4/22/19 Time: 14:47

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0023	mg/L	EPA 200.8	4/26/19 10:22	W SJM	A	

026 Site: CCS-13B Date Sampled: 4/22/19 Time: 14:48

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 10:24	W SJM	A	

027 Site: CCS-14A Date Sampled: 4/22/19 Time: 14:50

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	0.0016	mg/L	EPA 200.8	4/26/19 10:27	W SJM	A	

028 Site: CCS-14B Date Sampled: 4/22/19 Time: 14:52

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 10:29	W SJM	A	

029 Site: CCS-15A Date Sampled: 4/22/19 Time: 15:03

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 10:42	W SJM	A	

030 Site: CCS-15B Date Sampled: 4/22/19 Time: 15:05

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 10:50	W SJM	A	

031 Site: CCS-16A Date Sampled: 4/22/19 Time: 15:07

Laboratory Report DATE REPORTED: 04/29/2019

CLIENT: ATC Group Services
PROJECT: CCS

WORK ORDER: **1904-08765**
DATE RECEIVED: 04/23/2019

031 Site: CCS-16A Date Sampled: 4/22/19 Time: 15:07

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 10:52	W SJM	A	

032 Site: CCS-16B Date Sampled: 4/22/19 Time: 15:10

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 10:55	W SJM	A	

033 Site: CCS-17A Date Sampled: 4/22/19 Time: 15:12

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 10:57	W SJM	A	

034 Site: CCS-17B Date Sampled: 4/22/19 Time: 15:15

Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Lead, Total	< 0.0010	mg/L	EPA 200.8	4/26/19 11:00	W SJM	A	

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

Special Reporting Instructions/PO#: 280EM00349

Project Name: CCS	Client/Contact Name: ATC · 802 8621980	Sampler Name: Hartel Miller
State of Origin: VT __ NY __ NH __ Other __	Phone #:	Phone #: 8022786167
Endyne WO #	Mailing Address:	Billing Address:

Sample Location	Matrix	GRAB	COMP	Date/Time Sampled 4/22/19	Sample Containers No.	Sample Containers Type/Size	Sample Preservation	Analysis Required	FieldResults/Remarks	Due Date
CCS-01A	W	X		1352	1	1				
CCS-01B				1353						
CCS-02A				1354						
CCS-02B				1357						
CCS-03A				1401						
CCS-03B				1402						
CCS-04A				1414						
CCS-04B				1416						
CCS-05A				1418						
CCS-05B				1422						

1904-08765

1904-08765

ATC Group Services
CCS

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
	4/23/19 0800			Efourney	4/23/19 @ 7:55

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH Only
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	8081 Pest
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	8082 PCB
4	Nitrite N	9	BOD	14	Turbidity	19	VT PCF	24	8260B	29	PP13 Metals
5	Nitrate N	10	Alkalinity	15	Conductivity	20	VOC Halocarbons	25	8270 B/N or Acid	30	Total RCRA8
31	Metals (Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Tl, U, V, Zn										
32	TCLP (volatiles, semi-volatiles, metals, pesticides, herbicides)					33	Other				
34	~~Corrosivity~~	35	Ignitability	36	Reactivity	37	Other				
38	Other Pb										

LAB USE ONLY
Delivery: Client
Temp: 13.8
Comment:

(White - Laboratory / Yellow - Client)

= ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

Special Reporting Instructions/PO#: _____

Project Name: CCS	Client/Contact Name:	Sampler Name:
State of Origin: VT __ NY __ NH __ Other __	Phone #:	Phone #:
Endyne WO #	Mailing Address:	Billing Address:

Sample Location	Matrix	GRAB	COMP	Date/Time Sampled	Sample Containers No.	Sample Containers Type/Size	Sample Preservation	Analysis Required	FieldResults/Remarks	Due Date
CCS- 06A				1120						
CCS- 06B				1122						
CCS- 07A				1124						
CCS- 07B				1125						
CCS- 08A				1127						
CCS- 08B				1129						
CCS- 09A				1430						
CCS- 09B				1432						
CCS - 10A				1434						
CCS- 10B				1435						

Relinquished by: Date/Time	Received by: Date/Time	Received by: Date/Time
4/23 0830		Etooney 4/23/15 @ 7:55

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH Only
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	8081 Pest
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	8082 PCB
4	Nitrite N	9	BOD	14	Turbidity	19	VT PCF	24	8260B	29	PP13 Metals
5	Nitrate N	10	Alkalinity	15	Conductivity	20	VOC Halocarbons	25	8270 B/N or Acid	30	Total RCRA8
31	Metals (Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Tl, U, V, Zn										
32	TCLP (volatiles, semi-volatiles, metals, pesticides, herbicides)					33	Other				
34	Corrosivity	35	Ignitability	36	Reactivity	37	Other				
38	Other										

LAB USE ONLY
Delivery: Client
Temp: 13.8
Comment:

(White - Laboratory / Yellow - Client)

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

Special Reporting Instructions/PO#: _____

Project Name: CCS	Client/Contact Name:	Sampler Name:
State of Origin: VT __ NY __ NH __ Other __	Phone #:	Phone #:
Endyne WO #	Mailing Address:	Billing Address:

Sample Location	Matrix	GRAB	COMP	Date/Time Sampled 4/22/19	Sample Containers No.	Sample Containers Type/Size	Sample Preservation	Analysis Required	FieldResults/Remarks	Due Date
CCS- 11A				1439						
CCS - 11B				1441						
CCS- 12A				1443						
CCS- 12B				1445						
CCS- 13A				1447						
CCS- 13B				1448						
CCS- 14A				1450						
CCS-14B				1452						
CCS- 15A				1503						
CCS- 15B				1505						

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
[signature]	4/23 0830			Etooney	4/23/19 @ 7:55

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH Only
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	8081 Pest
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	8082 PCB
4	Nitrite N	9	BOD	14	Turbidity	19	VT PCF	24	8260B	29	PP13 Metals
5	Nitrate N	10	Alkalinity	15	Conductivity	20	VOC Halocarbons	25	8270 B/N or Acid	30	Total RCRA8
31	Metals (Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Tl, U, V, Zn										
32	TCLP (volatiles, semi-volatiles, metals, pesticides, herbicides)					33	Other				
34	Corrosivity	35	Ignitability	36	Reactivity	37	Other				
38	Other										

LAB USE ONLY
Delivery: Client
Temp: 13.8
Comment:

(White - Laboratory / Yellow - Client)

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

Special Reporting Instructions/PO#:_____

Project Name: CCS	Client/Contact Name:	Sampler Name:
	Phone #:	Phone #:
State of Origin: VT __ NY __ NH __ Other __	Mailing Address:	Billing Address:
Endyne WO #		

Sample Location	Matrix	GRAB	COMP	Date/Time Sampled 4/22/19	Sample Containers No.	Sample Containers Type/Size	Sample Preservation	Analysis Required	FieldResults/Remarks	Due Date
CCS-16A				1507						
CCS-16B				1510						
CCS-17A				1512						
CCS-17B				1515						

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
	4/23 0820			Ctoomey	4/23/19 @ 7:55

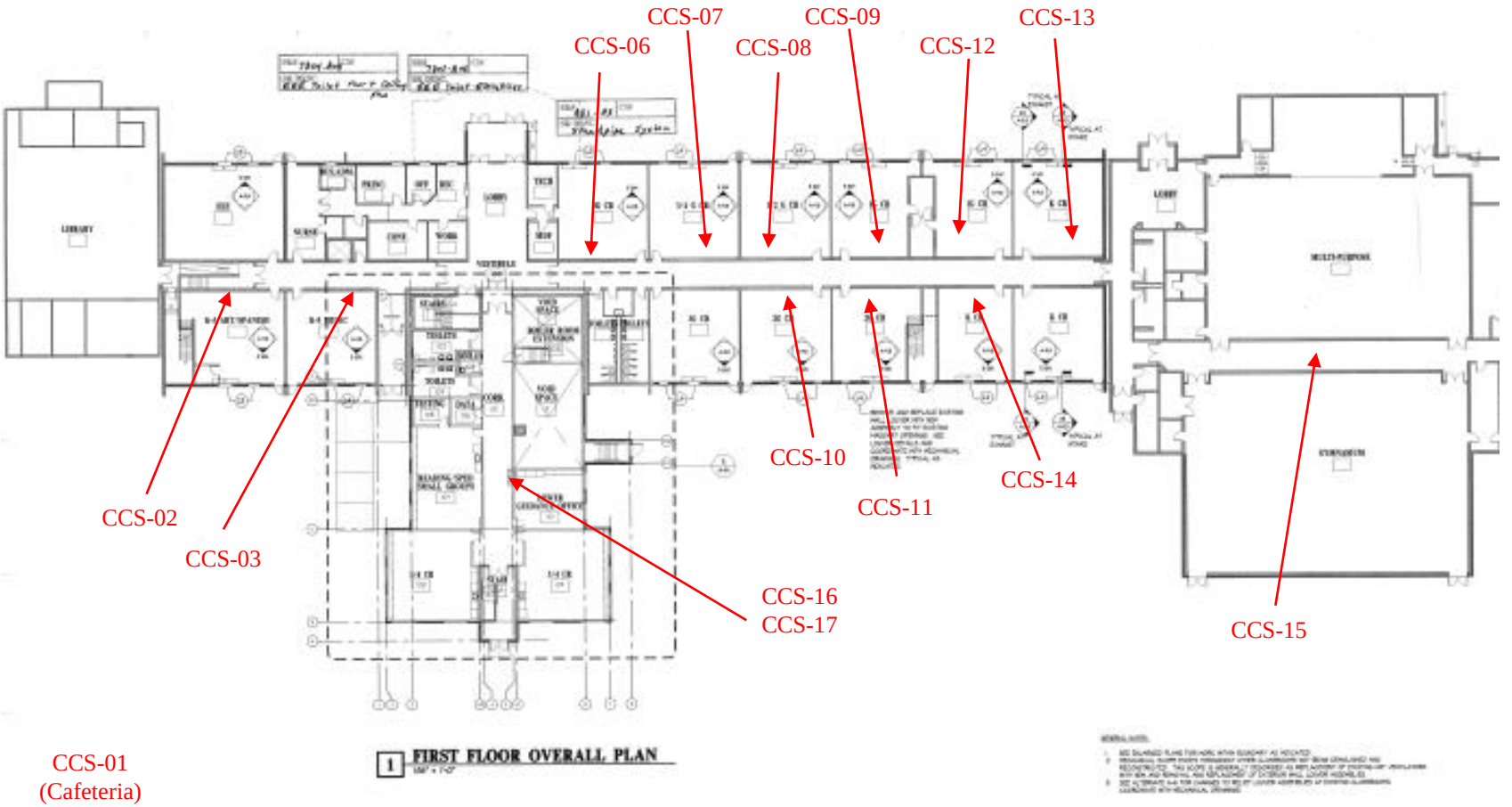
1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH Only
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	8081 Pest
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	8082 PCB
4	Nitrite N	9	BOD	14	Turbidity	19	VT PCF	24	8260B	29	PP13 Metals
5	Nitrate N	10	Alkalinity	15	Conductivity	20	VOC Halocarbons	25	8270 B/N or Acid	30	Total RCRA8
31	Metals (Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Tl, U, V, Zn										
32	TCLP (volatiles, semi-volatiles, metals, pesticides, herbicides)					33	Other				
34	Corrosivity	35	Ignitability	36	Reactivity	37	Other				
38	Other										

LAB USE ONLY
Delivery: Client
Temp: 13.8
Comment:

(White - Laboratory / Yellow - Client)

APPENDIX B

Sample Location Diagram



CCS-00 – Water Sample Location

Water Sample Location Diagram – 4/22/19

Address: Charlotte Central School
Charlotte, Vermont

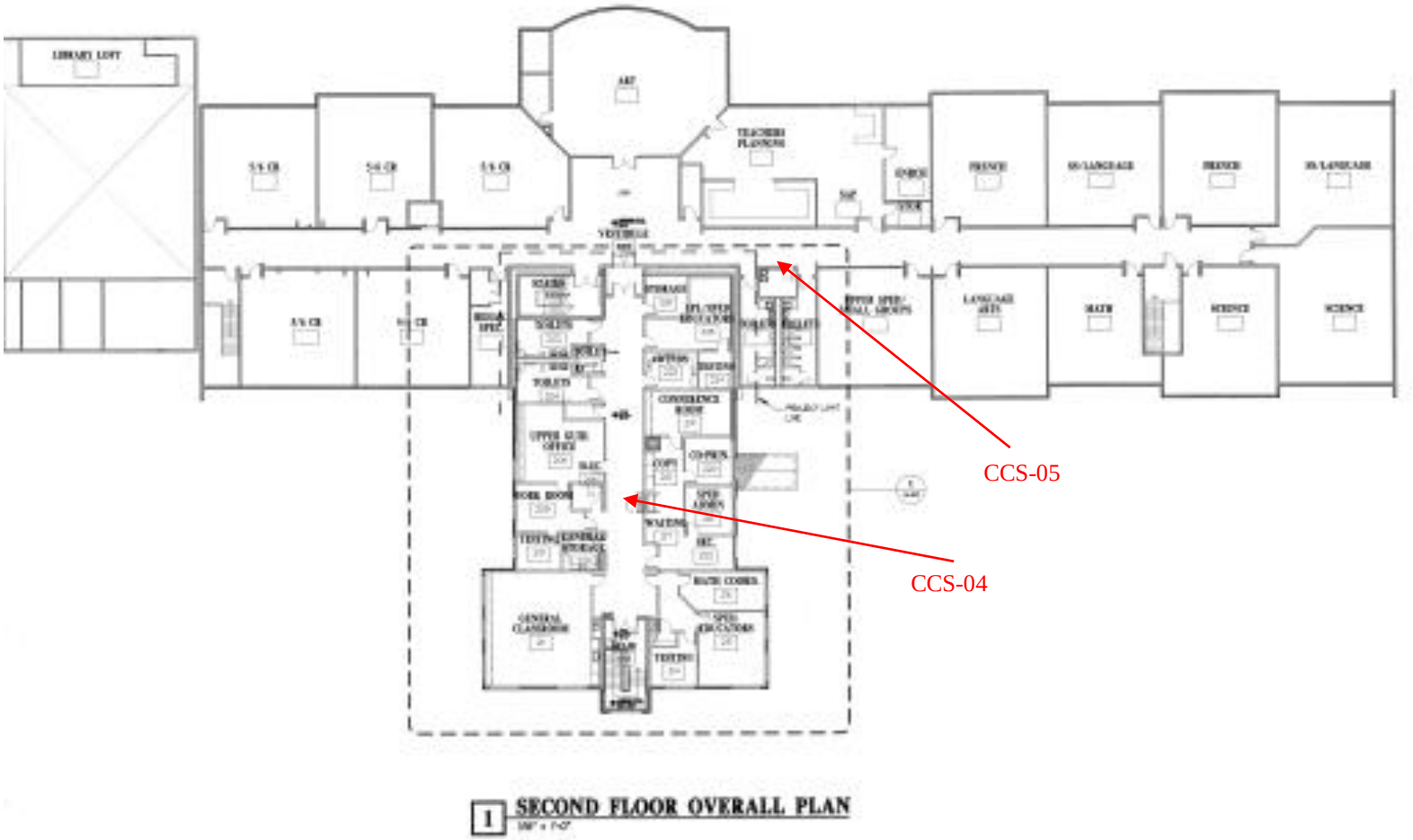
Project Number: 280EM00349

ATC

171 Commerce St. Williston, Vermont 05495
Phone:(802) 862-1980 Fax: (802) 862-1405

Source: Field Notes

SCALE: Not to scale



CCS-00 – Water Sample Location

Water Sample Location Diagram – 4/22/19

Address: Charlotte Central School
Charlotte, Vermont

Project Number: 280EM00349

171 Commerce St. Williston, Vermont 05495
Phone:(802) 862-1980 Fax: (802) 862-1405

Source: Field Notes

SCALE: Not to scale

APPENDIX C

ATC and Laboratory Certifications

Vermont Drinking Water Certification
Analytical Methods
Issued December 29, 2018 as provided for in 18 VSA 501b
Expiration Date December 31, 2019
This listing is not valid without accompanying Vermont Certificate

Endyne, Inc.
Williston, VT

DRINKING WATER MICROBIOLOGY

Total coliform and *E. coli* (SM 9223 B):

Colilert, P/A Colisure, P/A Colilert, QuantiTray

DRINKING WATER METALS

Aluminum:
EPA 200.7 EPA 200.8
Antimony:
EPA 200.8
Arsenic:
EPA 200.8
Barium:
EPA 200.7 EPA 200.8
Beryllium:
EPA 200.7 EPA 200.8
Cadmium:
EPA 200.7 EPA 200.8
Calcium:
EPA 200.7
Chromium:
EPA 200.7 EPA 200.8
Copper:
EPA 200.7 EPA 200.8
Iron:
EPA 200.7
Lead:
EPA 200.8
Magnesium:
EPA 200.7
Manganese:
EPA 200.7 EPA 200.8
Mercury:
EPA 200.8 EPA 245.1
Molybdenum:
EPA 200.8
Nickel:
EPA 200.7 EPA 200.8
Selenium:
EPA 200.8
Silver:
EPA 200.7 EPA 200.8
Sodium:
EPA 200.7
Thallium:
EPA 200.8
Uranium:
EPA 200.8
Vanadium:
EPA 200.8
Zinc:
EPA 200.7 EPA 200.8

DRINKING WATER METALS

DRINKING WATER INORGANIC CONTAMINANTS

Chloride:
EPA 300.0
Color:
SM 2120 B
Conductivity (Specific Conductance):
EPA 120.1
Corrosivity (Langlier Index):
SM 2330 B
Fluoride:
EPA 300.0
Hardness (Calc.):
EPA 200.7
Nitrate-N:
EPA 300.0
Nitrite-N:
EPA 300.0
Odor:
SM 2150 B
Orthophosphate:
EPA 300.0
Residue, Total Filterable (TDS):
SM 2540 C
Sulfate:
EPA 300.0
Turbidity:
EPA 180.1
UV 254:
SM 5910 B

DRINKING WATER ACIDS, BASE/NEUTRALS

Benzo(a)pyrene:
EPA 525.2
Di(2-ethylhexyl)adipate:
EPA 525.2
Di(2-ethylhexyl)phthalate:
EPA 525.2

DRINKING WATER HERBICIDES

2,4-D:
EPA 515.4
Dalapon:
EPA 515.4
Dicamba:
EPA 515.4
Dinoseb:
EPA 515.4
Pentachlorophenol:
EPA 515.4
Picloram:
EPA 515.4
2,4-TP (Silvex):
EPA 515.4

DRINKING WATER INSECTICIDES (PESTICIDES)

Alachlor:
EPA 525.2
Aldrin:
EPA 505
Atrazine:
EPA 525.2
Butachlor:
EPA 525.2
Chlordane:
EPA 505
Dieldrin:
EPA 505
Endrin:
EPA 505
Heptachlor:
EPA 505
Heptachlor Epoxide:
EPA 505
Lindane:
EPA 505
Methoxychlor:
EPA 505
Metolachlor:
EPA 525.2
Metribuzin:
EPA 525.2
Propachlor
EPA 525.2
Simazine:
EPA 525.2
Toxaphene:
EPA 505

INDIVIDUAL DRINKING WATER ORGANIC CONTAMINANTS

DBCP
EPA 504.1
EDB:
EPA 504.1
1,2,3 Trichloropropane:
EPA 524.2

DRINKING WATER TRIHALOMETHANES

Bromodichloromethane:
EPA 524.2
Bromoform:
EPA 524.2
Chlorodibromomethane:
EPA 524.2
Chloroform:
EPA 524.2
Total Trihalomethanes:
EPA 524.2

DRINKING WATER VOLATILE ORGANICS

Benzene:
EPA 524.2
Bromobenzene:
EPA 524.2
Bromochloromethane:
EPA 524.2
Bromodichloromethane:
EPA 524.2
Bromoform:
EPA 524.2
Bromomethane:
EPA 524.2
n-Butylbenzene:
EPA 524.2
sec-Butylbenzene:
EPA 524.2
tert-Butylbenzene:
EPA 524.2
Carbon Tetrachloride:
EPA 524.2
Chlorobenzene:
EPA 524.2
Chloroethane:
EPA 524.2
Chloroform:
EPA 524.2
Chloromethane:
EPA 524.2
2-Chlorotoluene:
EPA 524.2
4-Chlorotoluene:
EPA 524.2
Dibromochloromethane:
EPA 524.2
Dibromomethane:
EPA 524.2
1,2-Dichlorobenzene:
EPA 524.2
1,3-Dichlorobenzene:
EPA 524.2
1,4-Dichlorobenzene:
EPA 524.2
Dichlorodifluoromethane:
EPA 524.2
1,1-Dichloroethane:
EPA 524.2
1,2-Dichloroethane:
EPA 524.2
c-1,2-Dichloroethene:
EPA 524.2
t 1,2-Dichloroethylene:
EPA 524.2

DRINKING WATER VOLATILE ORGANICS (cont.)

1,1-Dichloroethylene:
EPA 524.2

Dichloromethane:
EPA 524.2
1,2-Dichloropropane:
EPA 524.2
1,3-Dichloropropane:
EPA 524.2
2,2-Dichlorpropane:
EPA 524.2
1,1-Dichlorpropene:
EPA 524.2
c 1,3-Dichlorpropene:
EPA 524.2
t 1,3-Dichloropropene:
EPA 524.2
Ethylbenzene:
EPA 524.2
Hexachlorbutadiene:
EPA 524.2
Isopropylbenzene:
EPA 524.2
4-Isopropytoluene:
EPA 524.2
Methyl t-Butyl Ether (MTBE):
EPA 524.2
Naphthalene:
EPA 524.2
n-Propylbenzene:
EPA 524.2
Styrene:
EPA 524.2
1,1,1,2-Tetrachloroethane:
EPA 524.2
1,1,2,2-Tetrachloroethane:
EPA 524.2
Tetrachloroethylene:
EPA 524.2
Toluene:

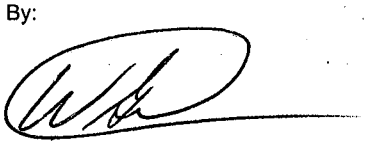
DRINKING WATER VOLATILE ORGANICS (cont.)
EPA 524.2

1,2,3-Trichlorobenzene:
EPA 524.2
1,2,4-Trichlorobenzene:
EPA 524.2
1,1,1-Trichloroethane:
EPA 524.2
1,1,2-Trichloroethane:
EPA 524.2
Trichloroethylene:
EPA 524.2
Trichlorofluoromethane:
EPA 524.2
1,2,3 Trichloropropane:
EPA 524.2
1,2,4-Trimethylbenzene:
EPA 524.2
1,3,5-Trimethylbenzene:
EPA 524.2
Total Xylenes:
EPA 524.2
Vinyl Chloride:
EPA 524.2

DRINKING WATER ORGANIC DISINFECTION BY-PRODUCTS HALOACETIC ACIDS

Bromoacetic Acid:
EPA 552.2
Chloroacetic Acid:
EPA 552.2
Dibromoacetic Acid:
EPA 552.2
Dichloroacetic Acid:
EPA 552.2
Trichloroacetic Acid:
EPA 552.2
Total Haloacetic Acids:
EPA 552.2

By:



William G. Mills
Certification Officer
Date signed and effective December 29, 2018

As of December 29, 2018, this listing supersedes all previous lists for this certificate number.
Vermont Certification is based in part upon current New York Accreditation Certificate of Approval NY lab ID **11263-58567,** April 1, 2018 – April 1, 2019 {Revised August 27, 2018}. Laboratories are certified in Vermont based, in part, upon its Primary Accrediting Body(ies) drinking water accreditation(s). Also, loss of drinking water primary accreditation (in part or whole) constitutes loss of certification in Vermont for the same drinking water tests.

VERMONT

DEPARTMENT OF HEALTH

State of Vermont Department of Health

Drinking Water Laboratory Certification

Endyne, Inc.

Williston, Vermont

Is certified to perform microbiological, inorganic and organic analyses on drinking water pursuant to the certification letter dated December 29, 2018.

Commissioner of Health

Laboratory Director

Laboratory Certification Officer

January 1, 2019
Date certified

VT - 2021
Laboratory Number

December 31, 2019
Certificate expiration date