

**Town of New Lebanon**  
**PO Box 328**  
**New Lebanon ,NY 12125**

**Printed On :** 10/3/2024 Page 1 of 7  
**Sample ID:** BF10483  
*Date Received:* 08/27/2024  
*Time Received:* 08:00  
*Date Finalized:* 10/3/2024  
*PO Number:*  
*Your Ref:*

*Customer:* Town of New Lebanon  
*Owner:* Town of New Lebanon  
*Sample Loc:* 523 US RT 20 New Lebanon, NY  
*Sample Pt:* Kitchen Cold Water Tap

*Collect Date:* 08/26/2024  
*Collect Time:* 17:45  
*Collected by:* BRIAN COLLINS  
*Receipt Temp:* 3.3 C On Ice Chilling

*Water Source:* Drilled Well  
*Chlorinated:* No *Field Residual Chlorine:*

*Potable:* Yes  
*Grab/Comp:* Grab

**L a b o r a t o r y R e p o r t**

Test	Result	MCL	Qualifiers	Units	Method Used	Analyst	Analysis Date
1,4-Dioxane	<0.200	1		ug/L	EPA 522	SUB*	9/8/2024
E. coli	Negative			per 100 mL	SM 22 9223B	MN/RM	8/27/2024
Total Coliform	Negative			per 100 mL	SM 22 9223B	MN/RM	8/27/2024
Color	<5	15		UNITS	SM 22 2120B	BC	8/27/2024
Turbidity	0.30	5		NTU	EPA180.1 Rev2.0	BC	8/27/2024
Odor	1	3		TON	SM 22 2150B	BC	8/27/2024
pH	6.1		HZ	Std. units	SM 22 4500-H B	BC	8/27/2024
Alkalinity Tot(CaCO3) to pH 4.5	129			mg/L	SM 22 2320B	RM	8/29/2024
Nitrate as N	4.42	10		mg/L	EPA 300.0 Rev 2.	BC	8/27/2024
Iron	0.02	0.3		mg/L	EPA200.7 Rev4.4	MN	8/29/2024
Manganese	<0.01	0.3		mg/L	EPA200.7 Rev4.4	MN	8/29/2024
Chloride	97	250		mg/L	EPA 300.0 Rev 2.	BC	8/27/2024
Sulfate	15	250		mg/L	EPA 300.0 Rev 2.	BC	8/27/2024
Sodium	58.8			mg/L	EPA200.7 Rev4.4	MN	8/27/2024
Fluoride	<0.20	2.2		mg/L	EPA 300.0 Rev 2.	BC	8/27/2024
Antimony	<0.001	0.006		mg/L	SM 22 3113B	MN	8/27/2024
Arsenic	<0.0005	0.01		mg/L	SM 22 3113B	MN	8/29/2024
Barium	0.038	2		mg/L	EPA200.7 Rev4.4	MN	8/28/2024
Beryllium	<0.0002	0.004		mg/L	EPA200.7 Rev4.4	MN	8/30/2024
Cadmium	<0.001	0.005		mg/L	EPA200.7 Rev4.4	MN	9/3/2024
Chromium	<0.001	0.1		mg/L	EPA200.7 Rev4.4	MN	9/3/2024
Copper	0.42	1.3		mg/L	EPA200.7 Rev4.4	MN	9/5/2024
Lead	0.003	0.015		mg/L	SM 22 3113B	MN	8/30/2024
Mercury	<0.0002	0.002		mg/L	EPA245.1 Rev.3.0	SUB*	8/28/2024
Nickel	<0.005	0.1		mg/L	EPA200.7 Rev4.4	MN	8/30/2024
Selenium	<0.002	0.05		mg/L	SM 22 3113B	MN	8/28/2024
Silver	<0.01	0.1		mg/L	EPA200.7 Rev4.4	MN	9/4/2024
Thallium	<0.001	0.002		mg/L	SM 22 3113B	MN	9/4/2024
Zinc	0.06	5		mg/L	EPA200.7 Rev4.4	MN	9/4/2024
Corrosivity Result@20C	-1.45			@20C	SM 22 2330	BC	10/3/2024

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Cyanide, Total	<0.010	0.2	mg/L	EPA 335.4 Rev1.0	SUB*	9/6/2024
Dissolved Solids, Total	336	500	mg/L	SM 22 2540C	MN	8/28/2024
Hardness as CaCO3, Total	161	120	mg/L	SM 22 2340C	EL	9/12/2024
Hardness, Ca	144		mg/L	SM 22 2340C	EL	9/9/2024
Sulfide	<0.10		mg/L	SM4500S2D-2011	SUB*	8/30/2024
Suspended Solids, Total	<5		mg/L	SM 22 2540 D-201	MN	8/30/2024
UV Absorbance at 254	0.029		cm-1@254nm	SM5910B-00	SUB*	8/28/2024
Nitrite as N	<0.01	1	mg/L	SM 22 4500NO2B	RM	8/28/2024
4,8-dioxa-3H-perfluorononanoic acid (ADO)	<0.912		C-S- ng/L	EPA 533	SUB*	9/4/2024
4:2 Fluorotelomersulfonic acid (4:2FTSA)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
6:2 Fluorotelomersulfonic acid (6:2FTSA)	<1.82		ng/L	EPA 533	SUB*	9/4/2024
8:2 Fluorotelomersulfonic acid (8:2FTSA)	<1.82		ng/L	EPA 533	SUB*	9/4/2024
Hexafluoropropylene oxide dimer acid (HF)	<0.912		S- ng/L	EPA 533	SUB*	9/4/2024
Nonafluoro-3,6-dioxaheptanoic acid (NFDH)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
Perfluoro(2-ethoxyethane)sulfonic acid (	<0.912		ng/L	EPA 533	SUB*	9/4/2024
Perfluoro-4-oxapentanoic acid (PFMPA)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
Perfluoro-5-oxahexanoic acid (PFMBA)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
Perfluorodecanoic acid (PFDA)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
Perfluorododecanoic acid (PFDoA)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
Perfluoroheptanesulfonic acid (PFHpS)	<1.82		ng/L	EPA 533	SUB*	9/4/2024
Perfluoroheptanoic acid (PFHpA)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
Perfluorohexanesulfonic acid (PFHxS)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
Perfluorononanoic acid (PFNA)	1.11		ng/L	EPA 533	SUB*	9/4/2024
Perfluorooctanesulfonic acid (PFOS)	2.05	10	ng/L	EPA 533	SUB*	9/4/2024
Perfluorooctanoic acid (PFOA)	1.34	10	ng/L	EPA 533	SUB*	9/4/2024
Perfluoropetanesulfonic acid (PFPeS)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
Perfluoroundecanoic acid (PFUnA)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
Perfluorobutanoic acid (PFBA)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
Perfluorobutanesulfonic acid (PFBS)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
Perfluoropentanoic acid (PFPeA)	1.03		ng/L	EPA 533	SUB*	9/4/2024
Perfluorohexanoic acid (PFHxA)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
11CI-PF3OUds (F53B Minor)	<0.912		ng/L	EPA 533	SUB*	9/4/2024
9CI-PF3ONS (F53B Major)	<0.912		ng/L	EPA 533	SUB*	9/4/2024

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*Potable:* Yes  
*Grab/Comp:* Grab

Naphthalene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Dichlorodifluoromethane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Chloromethane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Vinyl Chloride	<0.5	2		ug/L	EPA 524.2	BC	8/28/2024
Bromomethane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Chloroethane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Trichlorofluoromethane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,1 Dichloroethene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Methylene Chloride	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
trans 1,2 Dichloroethene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,1 Dichloroethane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
2,2 Dichloropropane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
cis 1,2 Dichloroethene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Bromochloromethane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,1,1 Trichloroethane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,1 Dichloropropene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Carbon Tetrachloride	<0.5	5	S+	ug/L	EPA 524.2	BC	8/28/2024
1,2 Dichloroethane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Benzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Trichloroethene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,2 Dichloropropane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Dibromomethane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
cis 1,3 Dichloropropene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Toluene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Trans 1,3 Dichloropropene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,1,2 Trichloroethane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,3 Dichloropropane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Tetrachloroethene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Chlorobenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,1,1,2 Tetrachloroethane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Ethylbenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Total Xylenes	<1.5	5		ug/L	EPA 524.2	BC	8/28/2024
Styrene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024

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*Sample Loc:* 523 US RT 20 New Lebanon, NY

*Sample Pt:* Kitchen Cold Water Tap

*Collect Date:* 08/26/2024

*Collect Time:* 17:45

*Collected by:* BRIAN COLLINS

*Receipt Temp:* 3.3 C On Ice Chilling

*Water Source:* Drilled Well

*Potable:* Yes

*Chlorinated:* No *Field Residual Chlorine:*

*Grab/Comp:* Grab

Isopropylbenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,1,2,2 Tetrachloroethane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,2,3 Trichloropropane	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
n-Propylbenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Bromobenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,3,5 Trimethylbenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
2 Chlorotoluene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
4 Chlorotoluene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
tert-Butylbenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,2,4 Trimethylbenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
sec-Butylbenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
p-Isopropyltoluene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,3 Dichlorobenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,4 Dichlorobenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
n-Butylbenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,2 Dichlorobenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,2,4 Trichlorobenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Hexachlorobutadiene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
1,2,3 Trichlorobenzene	<0.5	5		ug/L	EPA 524.2	BC	8/28/2024
Methyltertbutylether (MTBE)	<0.5	10	S+	ug/L	EPA 524.2	BC	8/28/2024
1,2 Dibromoethane	<0.00949	0.05		ug/L	EPA 504.1	SUB*	8/31/2024
1,2 Dibromo3chloropropane	<0.00949	0.2		ug/L	EPA 504.1	SUB*	8/31/2024
Aroclor 1221	<20.0			ug/l	EPA 505	SUB*	8/30/2024
Aroclor 1232	<0.500			ug/l	EPA 505	SUB*	8/30/2024
Aroclor 1242	<0.300			ug/l	EPA 505	SUB*	8/30/2024
Aroclor 1248	<0.100			ug/l	EPA 505	SUB*	8/30/2024
Aroclor 1254	<0.100			ug/l	EPA 505	SUB*	8/30/2024
Aroclor 1260	<0.200			ug/l	EPA 505	SUB*	8/30/2024
Dieldrin	<0.0200			ug/l	EPA 505	SUB*	8/30/2024
Endrin	<0.0100	2		ug/l	EPA 505	SUB*	8/30/2024
Toxaphene	<1.00	3		ug/l	EPA 505	SUB*	8/30/2024
Chlordane	<0.200	2		ug/l	EPA 505	SUB*	8/30/2024
Aroclor 1016	<0.0800			ug/l	EPA 505	SUB*	8/30/2024

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*Receipt Temp:* 3.3 C On Ice Chilling

*Water Source:* Drilled Well  
*Chlorinated:* No *Field Residual Chlorine:*

*Potable:* Yes  
*Grab/Comp:* Grab

Silvex(2,4,5-TP)	<0.200	10	ug/L	EPA 515.3	SUB*	9/6/2024
2,4,D	<0.100	50	ug/L	EPA 515.3	SUB*	9/6/2024
Dicamba	<0.100	50	ug/L	EPA 515.3	SUB*	9/6/2024
Dinoseb	<0.200	7	ug/L	EPA 515.3	SUB*	9/6/2024
Pentachlorophenol	<0.0400	1	ug/L	EPA 515.3	SUB*	9/6/2024
Picloram	<0.100	50	ug/L	EPA 515.3	SUB*	9/6/2024
Dalapon	<1.00	50	ug/L	EPA 515.3	SUB*	9/6/2024
Metolachlor	<0.098	50	ug/L	EPA 525.2	SUB*	8/29/2024
Butachlor	<0.098	50	ug/L	EPA 525.2	SUB*	8/29/2024
Propachlor	<0.098	50	ug/L	EPA 525.2	SUB*	8/29/2024
Aldrin	<0.098	5	ug/L	EPA 525.2	SUB*	8/29/2024
Metribuzin	<0.098	50	ug/L	EPA 525.2	SUB*	8/29/2024
Di(2-ethylhexyl)adipate	<0.588	50	ug/L	EPA 525.2	SUB*	8/29/2024
Hexachlorobenzene	<0.098	1	ug/L	EPA 525.2	SUB*	8/29/2024
Di(2-ethylhexyl)phthalate	<0.588	6	ug/L	EPA 525.2	SUB*	8/29/2024
Benzo(A)pyrene	<0.020	0.2	ug/L	EPA 525.2	SUB*	8/29/2024
Simazine	<0.069	4	ug/L	EPA 525.2	SUB*	8/29/2024
Alachlor	<0.196	2	ug/L	EPA 525.2	SUB*	8/29/2024
Atrazine	<0.098	3	ug/L	EPA 525.2	SUB*	8/29/2024
Heptachlor	<0.039	0.4	ug/L	EPA 525.2	SUB*	8/29/2024
Heptachlor Epoxide	<0.020	0.2	ug/L	EPA 525.2	SUB*	8/29/2024
Hexachlorocyclopentadiene	<0.098	5	ug/L	EPA 525.2	SUB*	8/29/2024
Lindane	<0.020	0.2	ug/L	EPA 525.2	SUB*	8/29/2024
Methoxychlor	<0.098	40	ug/L	EPA 525.2	SUB*	8/29/2024
Carbaryl	<0.500	50	ug/L	EPA 531.2	SUB*	8/29/2024
Methomyl	<0.500	50	ug/L	EPA 531.2	SUB*	8/29/2024
Aldicarb sulfoxide	<0.500	4	ug/L	EPA 531.2	SUB*	8/29/2024
Aldicarb sulfone	<0.800	2	ug/L	EPA 531.2	SUB*	8/29/2024
Aldicarb	<0.500	3	ug/L	EPA 531.2	SUB*	8/29/2024
3-Hydroxycarbofuran	<0.500		ug/L	EPA 531.2	SUB*	8/29/2024
Oxamyl	<1.00	50	ug/L	EPA 531.2	SUB*	8/29/2024
Carbofuran	<0.900	40	ug/L	EPA 531.2	SUB*	8/29/2024

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*Potable:* Yes  
*Grab/Comp:* Grab

**Qualifiers Key:**

- |   |   |                             |
|---|---|-----------------------------|
| X Exceeds maximum contamination limit               | R Duplication outside acceptance limits               | H Hold time exceeded        |
| T Temperature outside specifications                | A Sample contained air bubble or headspace            | B Analyte detected in blank |
| C(+/-) CCV outside acceptance limits                | Z Analysis is not state-certified                     | G Incorrect bottle received |
| S(+/-) Lab control sample outside acceptance limits | M(+/-)Matrix spike recovery outside acceptance limits | P Sample preserved at lab   |
| J Analyte detected below quantitation limit         | I(+/-) IS/Surrogate outside acceptance limits         |                             |
- (+ Result may be biased high / - Result may be biased low)

**Legend:** < Less Than, > Greater Than mg/L=PPM, ug/L=PPB If no collection time was given, 00:00 is reported

MCL = Maximum Contaminant Level referenced from New York State Subpart 5-1 of the Public Drinking Water Standards and/or National Primary/Secondary Drinking Water Standards.

Note 1: Per ELAP requirements, water analyzed for alkalinity, color, conductivity, nitrate, nitrite, sulfate, organics, UV absorbance, non-potable bacteriological analyses, BOD/CBOD, solids and phosphorus are required to be on ice to indicate the chilling process has begun. Samples must be between 0-6C and not frozen.

**Comments:**

For drinking water samples, any positive result for total coliform and/or Escherichia coli is unacceptable.

Sample was negative when screened for total residual chlorine in laboratory.  
Bacteriological sample was set up on 08/27/24 at 13:15.

1,4-DIOXANE: SUB\* 1,4-Dioxane analysis was completed by ELAP Lab #12058. Prep done on 09/05/24.

Surrogates:

1,4-Dioxane-d8 88.0% (70-130%)

ALKALINITY: There are no specific limits set for alkalinity since a high value does not render the water unfit for drinking.

CORROSIVITY: The temperature used in the calculation of corrosivity was 20C. The reference is Standard Method 2330B, 18th Edition. The value of your corrosivity is moderately corrosive.

CYANIDE: SUB\* Cyanide analysis was completed by NYS DOH Lab. #10709. Prep EPA 335.4 was completed on 09/05/24.  
EPA524.2: The surrogate recoveries of 4-BFB and 1,2-dichlorobenzene-d4 were within acceptable limits at 100% and 90%. The acceptable limits are 80-120%.

HARDNESS: There are no specific levels set for hardness since excessive levels do not render the water unfit for consumption. However, when the level reaches the 120 mg/L plus range, problems with scale deposition on pipes and utensils and in hot water tanks increase. With your value of greater than 120 mg/L, water softening is an option if mineral scale deposits are noticeable and/or bothersome.

IRON/MANGANESE: The total of the two should not exceed 0.50 mg/L.

MERCURY: SUB\* Mercury analysis was completed by NYS DOH Lab. #10709. Prep EPA 245.1 was completed on 08/28/24.

NITRATE: Nitrate was set up on 08/27/24 at 13:15.

NITRITE:Nitrite was set up on 08/28/24 at 11:20.

PFAS: SUB\* PFAS analyses were completed by NYS DOH Lab. #12058. Samples were prepared on 08/30/24.

Surrogates: All surrogate recoveries within acceptable limits.

PFAS FIELD BLANK:

All analytes - None Detected

Surrogates: All surrogate recoveries within acceptable limits.

PHYSICAL CHARACTERISTICS: Color, turbidity and pH testing were set up on 08/27/24 at 10:50. Hold time for pH testing

**Town of New Lebanon**  
**PO Box 328**  
**New Lebanon ,NY 12125**

**Printed On :** 10/3/2024 Page 7 of 7  
**Sample ID:** **BF10483**  
*Date Received:* 08/27/2024  
*Time Received:* 08:00  
*Date Finalized:* 10/3/2024  
*PO Number:*  
*Your Ref:*

*Customer:* Town of New Lebanon  
*Owner:* Town of New Lebanon  
*Sample Loc:* 523 US RT 20 New Lebanon, NY  
*Sample Pt:* Kitchen Cold Water Tap

*Collect Date:* 08/26/2024  
*Collect Time:* 17:45  
*Collected by:* BRIAN COLLINS  
*Receipt Temp:* 3.3 C On Ice Chilling

*Water Source:* Drilled Well  
*Chlorinated:* No *Field Residual Chlorine:*

*Potable:* Yes  
*Grab/Comp:* Grab

per ELAP requirements is 15 minutes for all water samples. pH was tested at 16 degrees Celsius. The pH of this water is lower than recommended standards (6.5-8.5 Std. units) and this can lead to corrosion of the plumbing system. It would be recommended to flush the lines until the water feels cold before consuming the water. Odor was set up on 08/27/24 at 10:55. Odor was tested at 59 degrees Celsius. A threshold odor number (TON) of 1 is equivalent to odor not being detected or odor being not detected after diluting with an equal amount of water. Odor results up to 3 TON are within acceptable limits. Color is reported as apparent color.

SOC: SUB\* SOC analyses were completed by NYS DOH Lab. #11549. All surrogate recoveries were within acceptable limits. The acceptable limits are 70-130%.

EPA 504.1 - Tetrachloro-m-xylene 96.0%

EPA 505 - Tetrachloro-m-xylene 101%

EPA 515.3 - 2,4-Dichloropenylacetic acid[2C] 104%

EPA 525.2 - 1,3-Dimethyl-2-nitrobenzene 95.0% / Pyrene-d10 103% / Triphenyl phosphate 113%

EPA 531.2 - 4-Bromo-3,5-dimethylphenyl-N-methylcarbamate 99.4%

SODIUM: The following are suggested limits for those persons on physician ordered sodium restricted diets: Moderately restricted diet---water should contain less than 270 mg/L; Severely restricted diet---water should contain less than 20 mg/L.

SULFIDE: SUB\* Sulfide analysis was completed by NYS DOH Lab. #10709.

UVABS: SUB\* UV Absorbance analysis was completed by NYS DOH Lab. #10709 on 08/28/24 at 16:33. The test result expressed as UV Transmittance is 93.6.

Test procedures for all analyses meet NELAC requirements unless noted. If you have any questions, please call the laboratory.

Brian Collins  
Lead Technical Director Environmental Laboratory  
and contact person  
If you have questions, please call.  
(518) 949-2020

**Reviewed by Brian Collins**  
These results relate to samples as received.