A NOTICE TO PARENTS, GUARDIANS, and STAFF

Whitehall Central School District

Lead Testing of School Drinking Water

April 21, 2025

Safe and healthy school environments can foster healthy and successful children. To protect public health, the Public Health Law and New York State Health Department (NYS DOH) regulations require that all public schools and boards of cooperative educational services (BOCES) test lead levels in waterfrom every outlet that is being used, or could potentially be used, for drinking or cooking. If lead is found atany water outlet at levels above 5 parts per billion (ppb), which is equal to 5 micrograms per liter (μ g/L), the NYS DOH requires that the school take action to reduce the exposure to lead.

What is "first draw" testing of school drinking water for lead?

The "on-again, off-again" nature of water use at most schools can raise lead levels in school drinking water. Water that remains in pipes overnight, over a weekend, or over vacation periods stays in contact with lead pipes or lead solder and, as a result, could contain higher levels of lead. This is why schoolsare required to collect a sample after the water has been sitting in the plumbing system for a certain period of time. This "first draw" sample is likely to show higher levels of lead for that outlet than what you would see if you sampled after using the water continuously. However, even if the first draw sample does not reflect what you would see with continuous usage, it is still important because it can identify outlets that have elevated lead levels.

What are the results of the first draw testing?

Please find the results on our District Website, www.railroaders.net.

What is being done in response to the results?

Outlets that tested with lead levels above the action level (5 ppb) were removed from service unlessan outlet is a sink faucet needed for handwashing. In that case, a sign was posted at the outlet indicating that the sink is not to be used for drinking. Outlets that tested below the action level remain in service with no restrictions.

What are the health effects of lead?

Lead is a metal that can harm children and adults when it gets into their bodies. Lead is a known neurotoxin, particularly harmful to the developing brain and nervous system of children under 6 years old. Lead can harm a young child's growth, behavior, and ability to learn. Lead exposure during pregnancy may contribute to low birth weight and developmental delays in infants. There are many sources of lead exposure in the environment, and it is important to reduce all lead exposure as much as possible. Water testing helps identify and correct possible sources of lead that contribute to exposure from drinking water.

What are the other sources of lead exposure?

Lead is a metal that has been used for centuries for many purposes, resulting in widespread distribution in the environment. Major sources of lead exposure include lead-based paint in older housing, and lead that built up over decades in soil and dust due to historical use of lead in gasoline, paint, and manufacturing. Lead can also be found in a number of consumer products, including certain types of pottery, pewter, brass fixtures, foods, plumbing materials, and cosmetics. Lead seldom occurs naturally in water supplies but drinking water could become a possible source of lead exposure if the building's plumbing contains lead. The primary source of lead exposure for most children with elevated blood-lead levels is lead-based paint.

Should your child be tested for lead?

The risk to an individual child from past exposure to elevated lead in drinking water depends on many factors, including but not limited to, a child's age, weight, amount of water consumed, and the amount of lead in the water. Children may also be exposed to other significant sources of lead including paint, soil, and dust. Since blood lead testing is the only way to determine a child's blood lead level, parents should discuss their child's health history with their child's physician to determine if blood lead testing is appropriate. Pregnant women or women of childbearing age should also consider discussing this matter with their physician.

Additional Resources

For more information regarding the testing program or sampling results, contact [Shane Armstrong at (518) 499-0346], or go to our school website: www.railroaders.net

For information about lead in school drinking water, go to:

https://www.health.ny.gov/environmental/water/drinking/lead/lead testing of school drinking water.htm

http://www.p12.nysed.gov/facplan/LeadTestinginSchoolDrinkingWater.html

For information about NYS DOH Lead Poisoning Prevention Program, go to: http://www.health.ny.gov/environmental/lead/

For more information on blood lead testing and ways to reduce your child's risk of exposure to lead, see "What Your Child's Blood Lead Test Means": http://www.health.ny.gov/publications/2526/ (English)

https://www.health.ny.gov/environmental/lead/education_materials/index.htm (available in ten languages)

					Lead in Water Sam	ple Log	
School Name:	Whitehall Central S	chool District			Date Laste Updated:	4/21/2025	
LabELAP ID:	10350)			Method of Analysis:	SM3113	В
Lab Sample ID	School Sample ID	Collection Date	Sample Location	Outlet Description	Initial/Post Remediation	Lead Result (ppb)	Lab Report Date Action Taken
BG03324	WES-1-KF-1	4/9/2025	Kitchen Steam Kettle	Kitchen Faucet	Initial	9.6	4/14/2025 Taken out of service until replacement of Steam Kettle Faucet.
BG03325	WES-1-IM-2	4/9/2025	Kitchen Ice Machine	Ice Machine	Initial	<1.0	4/14/2025
BG03326	WES-1-KF-3	4/9/2025	Room 50 Faucet	Kitchen Faucet	Initial	452	4/14/2025 Signed with "DO NOT USE FOR DRINKING OR COOKING" (or similar)
BG03327	WES-1-WC-4	4/9/2025	Cafeteria A Bottle Fill	Water Cooler	Initial	<1.0	4/14/2025
BG03328	WES-1-WC-5	4/9/2025	Bottle Fill Left of Room 63	Water Cooler	Initial	<1.0	4/14/2025
BG03329	WES-1-KF-6	4/9/2025	Room 39 Faucet	Kitchen Faucet	Initial	4.9	4/14/2025
							Outlet will be flushed for 30 seconds to 1 minute before use in adherence to
BG03665	WES-1-KF-1-P	4/17/2025	Kitchen Steam Kettle	Kitchen Faucet	Post Remediation	3.6	4/18/2025 the 3Ts best practices provided by the Environmental Protection Agency.
BG03666	WES-1-KF-1-P-F	4/17/2025	Kitchen Steam Kettle	Kitchen Faucet	Post Remediation Flush Sample	<1.0	4/18/2025

			Lead in	n Water Sample Log				
School Name:	Whitehall Central School District			Date Laste Updated:	4/14/2025			
LabELAP ID:	10350			Method of Analysis:	SM3113B			
				Initial/Post		Lab Report		
Lab Sample ID	School Sample ID	Collection Date Sample Location	Outlet Description	Remediation	Lead Result (ppb)	Date	Action Taken	Notes
BG03330	WHS-1-KF-1	4/9/2025 Kitchen Steam Kettle	Kitchen Faucet	Initial	1.5	4/14/2025		
BG03331	WHS-1-IM-2	4/9/2025 Cafeteria Ice Machine	Ice Machine	Initial	<1.0	4/14/2025		
BG03332	WHS-1-KF-3	4/9/2025 Room 113 Faucet (Main Office Break Room)	Kitchen Faucet	Initial	2.0	4/14/2025		
BG03333	WHS-1-KF-4	4/9/2025 Room 110 Faucet (Faculty Room)	Kitchen Faucet	Initial	<1.0	4/14/2025		
BG03334	WHS-1-WC-5	4/9/2025 Bottle Fill Left of Room 112A	Water Cooler	Initial	<1.0	4/14/2025		
BG03335	WHS-1-NS-6	4/9/2025 Library Office Faucet (Room 119)	Kitchen Sink	Initial	19.0	4/14/2025	Signed with "DO NOT USE FOR DRINKING OR COOKING" (or similar)	
BG03336	WHS-1-NS-7	4/9/2025 Nurse's Office Faucet	Nurse Sink	Initial	<1.0	4/14/2025		
BG03337	WHS-1-BF-8	4/9/2025 Nurse's Bathroom Faucet	Bathroom Faucet	Initial	<1.0	4/14/2025		
BG03338	WHS-1-WC-9	4/9/2025 Bottle Fill Right of Room 117	Water Cooler	Initial	<1.0	4/14/2025		
BG03339	WHS-1-KF-10	4/9/2025 Room 118 Faucet	Kitchen Faucet	Initial	24.6	4/14/2025	Signed with "DO NOT USE FOR DRINKING OR COOKING" (or similar)	
BG03340	WHS-1-WC-11	4/9/2025 Weight Room Bottle Fill	Water Cooler	Initial	<1.0	4/14/2025		
BG03341	WHS-1-WC-12	4/9/2025 Weight Room Bubbler	Water Cooler	Initial	<1.0	4/14/2025		
BG03342	WHS-1-KF-13	4/9/2025 Business Office, Office Sink	Kitchen Faucet	Initial	<1.0	4/14/2025		
BG03343	WHS-1-WC-14	4/9/2025 Mens Locker Room Right Bottle Fill	Water Cooler	Initial	<1.0	4/14/2025		
	WHS-1-WC-15	4/9/2025 Mens Locker Room Left Bottle Fill	Water Cooler	Initial				Out of Order, No Sample Taken
BG03344	WHS-1-WC-16	4/9/2025 Gym Bottle Fill (Right)	Water Cooler	Initial	<1.0	4/14/2025		
	WHS-1-WC-17	4/9/2025 Gym Bottle Fill (Left)	Water Cooler	Initial				Out of Order, No Sample Taken
BG03345	WHS-1-IM-18	4/9/2025 Gym Ice Machine	Ice Machine	Initial	<1.0	4/14/2025		

			Jacory				(518)	949-202	0
	Needham R	isk Mana	gemer	nt Resourc	e Grou	Printed On	4/14	/2025	Page 1 of 1
	1955 Ferndale STE 102 Castleton-on-ŀ	Y 12033	3		Sample ID:BGDate Received:04/Time Received:10:Date Finalized:4/1PO Number:Your Ref:		3324 9/2025 0 /2025		
Customer: Ne Owner: W Sample Loc: W Sample Pt: W Water Source: Chlorinated:	eedham Risk Manage hitehall CSD hitehall Elementary S ES-1-KF-1 Purchased PWS No <i>Field Residual</i> (ment Reso chool Chlorine:	urce Gro	pup		Collect Collect Collecte Receipt Potable: Grab/Co	Date: Fime: d by: Temp: mp:	04/09/20 05:09 CHASE V 15 C S Yes Grab	025 WOJTOWECZ See Note 1
		L	a b o r	atory	Repo	r t			
Test		Result	MCL	Qualifiers	Units	Method l	Jsed	Analy	st Analysis Date
Lead (schools)		9.6	15		ug/L	SM 22 3	113B	MN	4/11/2025
Qualifiers Key: X Exco T Tem C(+/-) CCV S(+/-) Lab J Ana (+ Result m	eeds maximum contamina perature outside specificat / outside acceptancee limi control sample outside acc lyte detected below quanti nay be biased high / - Res	tion limit ions ts ceptance limits tation limit ult may be bia	F A Z s N I sed low)	R Duplication A Sample co Z Analysis is 4(+/-)Matrix spike (+/-) IS/Surrogat	n outside acc ntained air b not state-ce e recovery o te outside ac	ceptance limits pubble or headspar entified utside acceptance cceptance limits	ce limits	H B G P	Hold time exceeded Analyte detected in blank Incorrect bottle received Sample preserved at lab
Legend: < Les	s Than, > Greater Than		r	ng/L=PPM, ug/L	=PPB	If no colle	ction tir	ne was give	n, 00:00 is reported
MCL = Maxin Natio	num Contaminant Level re nal Primary/Secondary Dri	ferenced from nking Water S	New York	State Subpart 5	5-1 of the Pu	blic Drinking Wate	r Stand	lards and/o	r

Comments:

Test procedures for all analyses meet NELAC requirements unless noted.

This P. Colli

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

New York State DOH E.L.A.P. # 10350

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

MassDEP Cert. # M-NY934

						(518)	949-2020	
1	Needham Risk Manager	ment	Resource	e Grou∣	Printed On	4/14	/2025	Page 1 of 1
1 5 (955 Ferndale Road STE 102 Castleton-on-Hudson ,NY 12	12033 		Sample ID:BG03Date Received:04/09Time Received:10:50Date Finalized:4/14/PO Number:Your Ref:		3325 9/2025 0 /2025		
Customer: Needhan Owner: Whitehal Sample Loc: Whitehal Sample Pt: WES-1-II Water Source: Purcha Chlorinated: No	n Risk Management Resource I CSD I Elementary School M-2 ased PWS <i>Field Residual Chlorine:</i> L a b	e Grou	atory	Repo	Collect Collect Collecte Receipt Potable: Grab/Co r t	Date: ^r ime: d by: Temp: mp:	04/09/2029 05:10 CHASE WC 15 C See Yes Grab	5 DJTOWECZ 9 Note 1
Test	Result M	ICL	Qualifiers	Units	Method L	Jsed	Analyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	SM 22 3	113B	MN	4/11/2025
Qualifiers Key: X Exceeds ma T Temperature C(+/-) CCV outside S(+/-) Lab control s J Analyte dete (+ Result may be bi	ximum contamination limit outside specifications acceptancee limits ample outside acceptance limits ected below quantitation limit ased high / - Result may be biased l	R A Z M(I(+	Duplication Sample cor Analysis is (+/-)Matrix spike /-) IS/Surrogate	outside acc ntained air b not state-ce recovery ou e outside ac	eptance limits ubble or headspac rtified utside acceptance cceptance limits	ce limits	H Ho B An G In P Sa	ld time exceeded alyte detected in blank correct bottle received mple preserved at lab
Legend: < Less Than,	> Greater Than	m	g/L=PPM, ug/L=	₽PB	If no collec	ction tin	ne was given,	00:00 is reported
MCL = Maximum Cor National Prima	ntaminant Level referenced from New ary/Secondary Drinking Water Standa	v York S ards.	State Subpart 5	-1 of the Pul	blic Drinking Wate	r Stanc	lards and/or	

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Needł	nam Risk Manag	jemen	t Resource	e Grou	Printed On	4/14	/2025	Page 1 of 1
1955 Fe STE 10 Castlet	erndale Road 2 on-on-Hudson ,NY	12033				Sample ID:BG03Date Received:04/09Time Received:10:50Date Finalized:4/14/PO Number:Your Ref:		
Customer: Needham Risk Owner: Whitehall CSD Sample Loc: Whitehall Eleme Sample Pt: WES-1-KF-3 Water Source: Purchased P Chlorinated: No Field	Management Resou entary School WS Residual Chlorine: La	rce Gro bor	oup atory	Repo	Collect Collect 1 Collecter Receipt Potable: Grab/Co r t	Date: "ime: d by: Temp: mp:	04/09/2025 05:43 CHASE WC 15 C See Yes Grab	5 DJTOWECZ 9 Note 1
Test	Result	MCL	Qualifiers	Units	Method L	Jsed	Analyst	Analysis Date
Lead (schools)	452	15	Х	ug/L	SM 22 3	113B	MN	4/11/2025
Qualifiers Key: X Exceeds maximum of T Temperature outside C(+/-) CCV outside accepta S(+/-) Lab control sample o J Analyte detected bel (+ Result may be biased hig	ontamination limit specifications incee limits utside acceptance limits ow quantitation limit h / - Result may be bias	F A Z N I(ed low)	C Duplication Sample cor A Analysis is <i>I</i> (+/-)Matrix spike (+/-) IS/Surrogat	outside acc ntained air b not state-ce recovery o e outside ac	eptance limits ubble or headspac rtified utside acceptance cceptance limits	ce limits	H Ho B Ana G Inc P Sat	ld time exceeded alyte detected in blank correct bottle received mple preserved at lab
Legend: < Less Than, > Grea	ter Than	n	ng/L=PPM, ug/L=	=PPB	If no collec	ction tin	ne was given, (00:00 is reported
MCL = Maximum Contaminar National Primary/Seco	t Level referenced from Nondary Drinking Water Sta	New York andards.	State Subpart 5	-1 of the Pu	blic Drinking Wate	r Stanc	lards and/or	

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Need	ham Risk Manag	emer	nt Resourc	e Grou	Printed On	4/14	/2025	Page 1 of 1
1955 F STE 10 Castle	erndale Road)2 ton-on-Hudson ,NY	12033	2033 [Sample ID:BG03Date Received:04/09Time Received:10:50Date Finalized:4/14/PO Number:Your Ref:		9/2025 0 /2025 /2025	
Customer: Needham Risk Owner: Whitehall CSD Sample Loc: Whitehall Elem Sample Pt: WES-1-WC-4 Water Source: Purchased F Chlorinated: No Field	Management Resour entary School ^{PWS} <i>Residual Chlorine:</i> La	rce Gro b o r	oup atory	Repo	Collect Collect 1 Collected Receipt Potable: Grab/Co r t	Date: "ime: d by: Temp: mp:	04/09/2029 05:44 CHASE WC 15 C See Yes Grab	5 DJTOWECZ 9 Note 1
Test	Result	MCL	Qualifiers	Units	Method L	Jsed	Analyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	SM 22 3	113B	MN	4/11/2025
Qualifiers Key: X Exceeds maximum T Temperature outside C(+/-) CCV outside accept S(+/-) Lab control sample J Analyte detected be (+ Result may be biased his	contamination limit e specifications ancee limits outside acceptance limits elow quantitation limit gh / - Result may be biase	F 2 1 1 ed low)	R Duplication A Sample co Z Analysis is M(+/-) Matrix spike (+/-) IS/Surrogat	outside acc ntained air b not state-ce e recovery o e outside ac	eptance limits ubble or headspac rtified utside acceptance cceptance limits	ce limits	H Ho B An G Int P Sa	ld time exceeded alyte detected in blank correct bottle received mple preserved at lab
Legend: < Less Than, > Gre	ater Than	r	mg/L=PPM, ug/L=	=PPB	If no collec	ction tin	ne was given,	00:00 is reported
MCL = Maximum Contamina National Primary/Sec	nt Level referenced from N ondary Drinking Water Sta	lew York andards.	State Subpart 5	-1 of the Pu	blic Drinking Wate	r Stanc	lards and/or	

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Need	nam Risk Manag	jemer	nt Resourc	e Grou	Printed On	4/14	/2025	Page 1 of 1
1955 F STE 10 Castlet	erndale Road 2 con-on-Hudson ,NY	12033	2033		Sample ID:BG03Date Received:04/09Time Received:10:50Date Finalized:4/14/PO Number:Your Ref:		9/2025 0 /2025 /2025	
Customer: Needham Risk Owner: Whitehall CSD Sample Loc: Whitehall Elem Sample Pt: WES-1-WC-5 Water Source: Purchased P Chlorinated: No Field	Management Resou entary School WS Residual Chlorine: L a	rce Gro	oup atory	Repo	Collect Collect T Collecter Receipt Potable: Grab/Co r t	Date: ïme: d by: Temp: mp:	04/09/2023 05:45 CHASE WC 15 C See Yes Grab	5 DJTOWECZ 9 Note 1
Test	Result	MCL	Qualifiers	Units	Method L	Jsed	Analyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	SM 22 3	113B	MN	4/11/2025
Qualifiers Key: X Exceeds maximum of T Temperature outside C(+/-) CCV outside accepta S(+/-) Lab control sample of J Analyte detected be (+ Result may be biased high	contamination limit specifications ancee limits outside acceptance limits low quantitation limit yh / - Result may be biase	i 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	R Duplication A Sample co Z Analysis is M(+/-) Matrix spike (+/-) IS/Surrogat	outside acc ntained air b not state-ce e recovery o e outside ac	eptance limits ubble or headspac rtified utside acceptance cceptance limits	ce limits	H Ho B An G Ind P Sa	ld time exceeded alyte detected in blank correct bottle received mple preserved at lab
Legend: < Less Than, > Grea	ater Than	I	mg/L=PPM, ug/L:	=PPB	If no collec	ction tin	ne was given,	00:00 is reported
MCL = Maximum Contaminar National Primary/Seco	nt Level referenced from Nondary Drinking Water Sta	vew York andards.	k State Subpart 5	-1 of the Pu	blic Drinking Wate	r Stanc	lards and/or	

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Ν	eedham Risk Managen	nent Resou	rce Grou∣	Printed On	4/14/2	2025	Page 1 of 1
19 S C	955 Ferndale Road FE 102 astleton-on-Hudson ,NY 12	2033 E		Sample ID:BG03Date Received:04/09Time Received:10:50Date Finalized:4/14/PO Number:Your Ref:		3329 9/2025) 2025	
Customer: Needham Owner: Whitehall Sample Loc: Whitehall Sample Pt: WES-1-KF Water Source: Purchas Chlorinated: No	Risk Management Resource CSD Elementary School F-6 sed PWS <i>Field Residual Chlorine:</i> Lab	Group oratory	v Repo	Collect I Collect T Collected Receipt T Potable: Grab/Cor	Date: ime: I by: Temp: np:	04/09/2025 05:46 CHASE WC 15 C See Yes Grab	j DJTOWECZ Note 1
Test	Result M	CL Qualifier	rs Units	Method U	sed	Analyst	Analysis Date
Lead (schools)	4.9	15	ug/L	SM 22 31	13B	MN	4/11/2025
Qualifiers Key: X Exceeds max T Temperature of C(+/-) CCV outside a S(+/-) Lab control sa J Analyte deteo (+ Result may be bia	imum contamination limit outside specifications acceptancee limits mple outside acceptance limits ted below quantitation limit sed high / - Result may be biased lo	R Duplica A Sample Z Analysis M(+/-) Matrix s I(+/-) IS/Surro	tion outside acc contained air b s is not state-ce pike recovery o gate outside ac	eptance limits ubble or headspac rtified utside acceptance cceptance limits	e limits	H Hol B Ana G Inc P Sar	d time exceeded alyte detected in blank orrect bottle received nple preserved at lab
Legend: < Less Than,	> Greater Than	mg/L=PPM, u	g/L=PPB	If no collec	tion tim	e was given, (0:00 is reported
MCL = Maximum Cont National Prima	aminant Level referenced from New ry/Secondary Drinking Water Standa	York State Subpa ards.	rt 5-1 of the Pu	blic Drinking Water	Standa	ards and/or	

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	Needham Ris	sk Manag	gemer	nt Resourc	e Grou	Printed On	4/14	/2025	Page 1 of 1
	1955 Ferndale F STE 102 Castleton-on-H	Road udson ,NΥ	(12033	2033		Sample ID:BG03Date Received:04/09Time Received:10:50Date Finalized:4/14/PO Number:Your Ref:)3330)9/2025 50 //2025	
Customer: Needha Owner: Whiteh Sample Loc: Whiteh Sample Pt: WHS-1 Water Source: Purc Chlorinated: No	am Risk Managen all CSD all High School -KF-1 hased PWS <i>Field Residual Cl</i>	nent Resou	urce Gro	pup		Collec Collect Collect Receip Potable Grab/C	t Date: Time: ed by: t Temp: comp:	04/09/20 05:02 CHASE V 15 C So Yes Grab	25 VOJTOWECZ ee Note 1
		La	abor	atory	Repo	r t			
Test		Result	MCL	Qualifiers	Units	Method	Used	Analys	st Analysis Date
Lead (schools)		1.5	15		ug/L	SM 22	3113B	MN	4/11/2025
Qualifiers Key: X Exceeds r T Temperatu C(+/-) CCV outsi S(+/-) Lab contro J Analyte da (+ Result may be	naximum contaminatio ire outside specificatio de acceptancee limits ol sample outside acce etected below quantita biased high / - Resul	on limit ins optance limits tion limit t may be bias	F Z S I sed low)	R Duplicatior A Sample cc Z Analysis is M(+/-)Matrix spik (+/-) IS/Surroga	n outside acc ontained air b not state-ce e recovery o te outside ac	eptance limits ubble or headsp rtified utside acceptanc cceptance limits	ace e limits	H H B A G P S	Hold time exceeded Analyte detected in blank Incorrect bottle received Sample preserved at lab
Legend: < Less Than	n, > Greater Than		r	ng/L=PPM, ug/L	.=PPB	If no coll	ection tir	me was givei	n, 00:00 is reported
MCL = Maximum C National Pri	Contaminant Level refe mary/Secondary Drinl	erenced from king Water St	New York tandards.	State Subpart &	5-1 of the Pu	blic Drinking Wa	ter Stand	dards and/or	

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I	Needham Risk Manage	ement	Resourc	e Grou	Printed On	4/14	/2025	Page 1 of 1
	I955 Ferndale Road STE 102 Castleton-on-Hudson ,NY 1	12033	2033 //		Sample ID:BG03Date Received:04/09Time Received:10:50Date Finalized:4/14/PO Number:Your Ref:		3331 9/2025 0 /2025	
Customer: Needhar Owner: Whitehal Sample Loc: Whitehal Sample Pt: WHS-1-I Water Source: Purch Chlorinated: No	n Risk Management Resourd I CSD I High School M-2 ased PWS <i>Field Residual Chlorine:</i>	ce Grou		Bono	Collect Collect Collecte Receipt Potable. Grab/Co	Date: Time: d by: Temp: omp:	04/09/2025 05:04 CHASE WC 15 C See Yes Grab	5 DJTOWECZ Note 1
Test	L a k		Qualifiers	Unite	I L Method	lead	Analyst	Analysis Data
Lead (schools)	<1.0	15	Quanters	ug/L	SM 22 3	113B	MN	4/11/2025
Qualifiers Key: X Exceeds ma T Temperature C(+/-) CCV outside S(+/-) Lab control s J Analyte dete (+ Result may be b	eximum contamination limit outside specifications acceptancee limits sample outside acceptance limits acted below quantitation limit lased high / - Result may be biased	R A Z M(I(+	Duplication Sample con Analysis is +/-)Matrix spike /-) IS/Surrogat	outside acc ntained air b not state-ce e recovery o e outside ac	eptance limits ubble or headspa rtified utside acceptance cceptance limits	ce e limits	H Hol B Ana G Inc P Sar	ld time exceeded alyte detected in blank correct bottle received mple preserved at lab
Legend: < Less Than,	> Greater Than	mę	g/L=PPM, ug/L	=PPB	If no colle	ction tin	ne was given, (00:00 is reported
MCL = Maximum Co National Prim	ntaminant Level referenced from Ne ary/Secondary Drinking Water Stan	ew York S dards.	State Subpart 5	-1 of the Pu	blic Drinking Wate	er Stand	lards and/or	

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New York State DOH E.L.A.P. # 10350

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						(518) 949-2020	
	Needham Risk Manag	ement	Resourc	e Grou	Printed On	4/14	/2025	Page 1 of 1
	1955 Ferndale Road STE 102 Castleton-on-Hudson ,NY	12033	2033		Sample ID:BG03Date Received:04/09Time Received:10:50Date Finalized:4/14/PO Number:Your Ref:)3332 19/2025 50 1/2025	
Customer: Needhar Owner: Whiteha Sample Loc: Whiteha Sample Pt: WHS-1- Water Source: Purch Chlorinated: No	m Risk Management Resou II CSD II High School KF-3 nased PWS <i>Field Residual Chlorine:</i>	rce Grou	р		Collec Collect Collect Receip Potable Grab/C	t Date: Time: ed by: t Temp: t Temp: omp:	04/09/202 05:17 CHASE W 15 C See Yes Grab	5 OJTOWECZ e Note 1
	La	bora	atory	Repo	r t			
Test	Result	MCL	Qualifiers	Units	Method	Used	Analyst	Analysis Date
Lead (schools)	2.0	15		ug/L	SM 22	3113B	MN	4/11/2025
Qualifiers Key: X Exceeds m T Temperatur C(+/-) CCV outsid S(+/-) Lab control J Analyte det (+ Result may be b	aximum contamination limit e outside specifications e acceptancee limits sample outside acceptance limits ected below quantitation limit viased high / - Result may be biase	R A Z M(I(+	Duplication Sample co Analysis is +/-)Matrix spike /-) IS/Surrogat	outside acc ntained air b not state-ce e recovery of te outside ac	eptance limits ubble or headspartified utside acceptanc cceptance limits	ace e limits	H Ho B Ar G In P Sa	old time exceeded halyte detected in blank correct bottle received ample preserved at lab
Legend: < Less Than,	> Greater Than	mç	J/L=PPM, ug/L	=PPB	If no colle	ection tir	ne was given,	00:00 is reported
MCL = Maximum Co National Prin	ntaminant Level referenced from N nary/Secondary Drinking Water Sta	lew York S andards.	state Subpart 5	-1 of the Pu	blic Drinking Wat	er Stand	dards and/or	

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Nee	dham Risk Manage	emen	t Resource	e Grou	Printed On	4/14	/2025	Page 1 of 1
1955 STE Cast	Ferndale Road 102 leton-on-Hudson ,NY	12033	12033		Sample ID:BG0Date Received:04/0Time Received:10:5Date Finalized:4/14PO Number:Your Ref:		3333 9/2025 0 /2025	
Customer: Needham Ris Owner: Whitehall CS Sample Loc: Whitehall Hig Sample Pt: WHS-1-KF-4 Water Source: Purchased Chlorinated: No Fie	sk Management Resourd D h School I PWS Id Residual Chlorine: L a	ce Gro b o r	up atory	Repo	Collect Collect Collecte Receipt Potable: Grab/Co r t	Date: Fime: d by: Temp: mp:	04/09/2029 05:18 CHASE WC 15 C See Yes Grab	5 DJTOWECZ 9 Note 1
Test	Result	MCL	Qualifiers	Units	Method l	Jsed	Analyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	SM 22 3	113B	MN	4/11/2025
Qualifiers Key: X Exceeds maximu T Temperature outs C(+/-) CCV outside acce S(+/-) Lab control samp J Analyte detected (+ Result may be biased	n contamination limit ide specifications eptancee limits e outside acceptance limits below quantitation limit high / - Result may be biased	R A Z N I(d low)	Duplication Sample cor Analysis is I(+/-)Matrix spike +/-) IS/Surrogat	outside acc ntained air b not state-ce recovery of e outside ac	eptance limits ubble or headspac rtified utside acceptance cceptance limits	ce limits	H Ho B An G In P Sa	ld time exceeded alyte detected in blank correct bottle received mple preserved at lab
Legend : < Less Than, > G	reater Than	r	ıg/L=PPM, ug/L=	=PPB	If no collec	ction tir	ne was given,	00:00 is reported
MCL = Maximum Contami National Primary/S	nant Level referenced from Ne econdary Drinking Water Star	ew York ndards.	State Subpart 5	-1 of the Pu	blic Drinking Wate	r Stand	lards and/or	

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						(518)) 949-2020	
Ne	edham Risk Manage	ement	t Resourc	e Grou	Printed On	4/14	/2025	Page 1 of 1
195 STI Cas	5 Ferndale Road E 102 stleton-on-Hudson ,NY	12033			Sample ID: BG0333 Date Received: 04/09/20 Time Received: 10:50 Date Finalized: 4/14/202 PO Number: Your Ref:		9/2025 0 /2025 /2025	
Customer: Needham R Owner: Whitehall C Sample Loc: Whitehall H Sample Pt: WHS-1-WC Water Source: Purchase Chlorinated: No F	tisk Management Resourd SD igh School -5 ed PWS <i>field Residual Chlorine:</i> La	bor:	up atory	Repo	Collect Collect Collecte Receipt Potable Grab/Co	Date: Time: d by: Temp: 	04/09/2025 05:21 CHASE WC 15 C See Yes Grab	, JTOWECZ Note 1
Test	Result	MCL	Qualifiers	Units	Method	Used	Analyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	SM 22 3	113B	MN	4/11/2025
Qualifiers Key: X Exceeds maxim T Temperature ou C(+/-) CCV outside ac S(+/-) Lab control sam J Analyte detecte (+ Result may be biase	um contamination limit tside specifications ceptancee limits ple outside acceptance limits d below quantitation limit d high / - Result may be biased	R A Z I(1	Duplication Sample co Analysis is (+/-)Matrix spike -/-) IS/Surrogat	outside acc ntained air b not state-ce e recovery of e outside ac	eptance limits ubble or headspa rtified utside acceptance cceptance limits	ce e limits	H Hol B Ana G Inc P Sar	d time exceeded alyte detected in blank correct bottle received nple preserved at lab
Legend: < Less Than, >	Greater Than	m	g/L=PPM, ug/L:	=PPB	If no colle	ction tir	ne was given, ()0:00 is reported
MCL = Maximum Contar National Primary/	ninant Level referenced from Ne Secondary Drinking Water Star	ew York S ndards.	State Subpart 5	-1 of the Pu	blic Drinking Wate	er Stand	lards and/or	

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						(518)	949-2020	
Needh	am Risk Manag	gemen	t Resourc	e Grou	Printed On	4/14	/2025	Page 1 of 1
1955 Fe STE 10 Castlet	erndale Road 2 on-on-Hudson ,NY	′ 12033			Sample ID: Date Received: Time Received: Date Finalized: PO Number: Your Ref:	BG0 04/0 10:5 4/14	3335 9/2025 0 /2025	
Customer: Needham Risk I Owner: Whitehall CSD Sample Loc: Whitehall High S Sample Pt: WHS-1-KF-6 Water Source: Purchased P ¹ Chlorinated: No Field F	Management Resou School WS Residual Chlorine: L a	urce Gro	oup atory	Repo	Collect Collect Collecte Receipt Potable: Grab/Co r t	Date: "ime: d by: Temp: mp:	04/09/2023 05:22 CHASE WC 15 C See Yes Grab	5 DJTOWECZ 9 Note 1
Test	Result	MCL	Qualifiers	Units	Method L	Jsed	Analyst	Analysis Date
Lead (schools)	19.0	15	Х	ug/L	SM 22 3	113B	MN	4/11/2025
Qualifiers Key: X Exceeds maximum c T Temperature outside C(+/-) CCV outside accepta S(+/-) Lab control sample o J Analyte detected belo (+ Result may be biased hig	ontamination limit specifications ncee limits utside acceptance limits ow quantitation limit h / - Result may be bias	F A Z N I(sed low)	C Duplication Sample co A Analysis is A(+/-)Matrix spike (+/-) IS/Surrogat	outside acc ntained air b not state-ce e recovery o re outside ac	ceptance limits ubble or headspace rtified utside acceptance cceptance limits	ce limits	H Ho B An G Ind P Sa	ld time exceeded alyte detected in blank correct bottle received mple preserved at lab
Legend : < Less Than, > Grea	ter Than	n	ng/L=PPM, ug/L=	=PPB	If no collec	tion tin	ne was given,	00:00 is reported
MCL = Maximum Contaminan National Primary/Seco	t Level referenced from ndary Drinking Water St	New York andards.	State Subpart 5	-1 of the Pu	blic Drinking Wate	r Stand	lards and/or	

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						(518)	949-2020	
Needh	am Risk Mana	gemen	t Resource	Grou	Printed On	4/14	/2025	Page 1 of 1
1955 Fe STE 102 Castleto	Sample ID:BG03336Date Received:04/09/2025Time Received:10:50Date Finalized:4/14/2025PO Number:Your Ref:							
Customer: Needham Risk M Owner: Whitehall CSD Sample Loc: Whitehall High S Sample Pt: WHS-1-NS-7	Management Reso	urce Gro	up		Collect Collect 1 Collected Receipt	Date: īme: d by: Temp:	04/09/202 05:23 CHASE W0 15 C See	5 DJTOWECZ Ə Note 1
Chlorinated: No Field R	Residual Chlorine:			Pana	Grab/Co	mp:	res Grab	
Test	Result	MCL	Qualifiers	Units	Method L	Jsed	Analyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	SM 22 3	113B	MN	4/11/2025
Qualifiers Key: X Exceeds maximum co T Temperature outside s C(+/-) CCV outside acceptar S(+/-) Lab control sample ou J Analyte detected belo (+ Result may be biased high	ontamination limit specifications ncee limits utside acceptance limits w quantitation limit n / - Result may be bia	R A Z s M I(' sed low)	Duplication o Sample cont Analysis is n (+/-)Matrix spike +/-) IS/Surrogate	outside acc ained air b ot state-ce recovery o outside ac	eptance limits ubble or headspac rtified utside acceptance cceptance limits	ce limits	H Hc B An G In P Sa	old time exceeded alyte detected in blant correct bottle received imple preserved at lab
Legend: < Less Than, > Great	er Than	m	g/L=PPM, ug/L=F	PPB	If no collect	ction tin	ne was given,	00:00 is reported
MCL = Maximum Contaminant National Primary/Seco	: Level referenced from ndary Drinking Water S	New York tandards.	State Subpart 5-´	1 of the Pu	blic Drinking Wate	r Stand	lards and/or	

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						(518)	949-2020	
Nee	dham Risk Manag	ement	t Resourc	e Grou	Printed On	4/14	/2025	Page 1 of 1
1955 STE Cast	Ferndale Road 102 leton-on-Hudson ,NY	12033			Sample ID:BG03337Date Received:04/09/2025Time Received:10:50Date Finalized:4/14/2025PO Number:Your Ref:			
Customer: Needham Ris Owner: Whitehall CS Sample Loc: Whitehall Hig Sample Pt: WHS-1-BF-8 Water Source: Purchased Chlorinated: No Fie	sk Management Resour D Ih School I PWS Id Residual Chlorine: L a	bor	up atory	Repo	Collect Collect Collecte Receipt Potable: Grab/Co	Date: ^r ime: d by: Temp: mp:	04/09/2023 05:23 CHASE WC 15 C See Yes Grab	5 DJTOWECZ 9 Note 1
Test	Result	MCL	Qualifiers	Units	Method l	Jsed	Analyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	SM 22 3	113B	MN	4/11/2025
Qualifiers Key: X Exceeds maximu T Temperature outs C(+/-) CCV outside acce S(+/-) Lab control samp J Analyte detected (+ Result may be biased	m contamination limit ide specifications eptancee limits le outside acceptance limits below quantitation limit high / - Result may be biase	R A Z M I(- d low)	Duplication Sample co Analysis is (+/-)Matrix spike +/-) IS/Surrogat	outside acc ntained air b not state-ce recovery of e outside ac	eptance limits ubble or headspar rtified utside acceptance cceptance limits	ce limits	H Ho B An G Ind P Sa	ld time exceeded alyte detected in blank correct bottle received mple preserved at lab
Legend : < Less Than, > G	reater Than	m	g/L=PPM, ug/L=	=PPB	If no colled	ction tin	ne was given,	00:00 is reported
MCL = Maximum Contami National Primary/S	nant Level referenced from N econdary Drinking Water Star	ew York S ndards.	State Subpart 5	-1 of the Pu	blic Drinking Wate	r Stanc	lards and/or	

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						(518)	949-2020	
1	leedham Risk Manage	ment	Resourc	e Grou∣	Printed On	4/14	/2025	Page 1 of 1
1 S (955 Ferndale Road STE 102 Castleton-on-Hudson ,NY 1	12033			Sample ID: BG03338 Date Received: 04/09/2025 Time Received: 10:50 Date Finalized: 4/14/2025 PO Number: Your Ref:		9/2025 0 /2025 /2025	
Customer: Needhan Owner: Whitehal Sample Loc: Whitehal Sample Pt: WHS-1-V Water Source: Purcha Chlorinated: No	n Risk Management Resourd CSD High School VC-9 ased PWS <i>Field Residual Chlorine:</i>	e Grou	up atorv	Repo	Collect Collect Collect Receipt Potable Grab/C	Date: Time: ed by: Temp: : comp:	04/09/2025 05:24 CHASE WC 15 C See Yes Grab	5 DJTOWECZ 9 Note 1
Test	Result	MCL	Qualifiers	Units	Method	Used	Analyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	SM 22 3	3113B	MN	4/11/2025
Qualifiers Key: X Exceeds ma T Temperature C(+/-) CCV outside S(+/-) Lab control s J Analyte dete (+ Result may be bi	ximum contamination limit outside specifications acceptancee limits ample outside acceptance limits cted below quantitation limit ased high / - Result may be biased	R A Z I(+ Iow)	Duplication Sample co Analysis is (+/-)Matrix spike (-) IS/Surrogat	outside acc ntained air b not state-ce e recovery of e outside ac	eptance limits ubble or headspa rtified utside acceptanc cceptance limits	ice e limits	H Ho B Ana G Inc P Sai	ld time exceeded alyte detected in blank correct bottle received mple preserved at lab
Legend: < Less Than,	> Greater I han	m	g/L=PPM, ug/L:			ction tir	ne was given, (UU:UU IS reported
MCL = Maximum Cor National Prima	ntaminant Level referenced from Ne ary/Secondary Drinking Water Stan	w York S dards.	state Subpart 5	-1 of the Pu	blic Drinking Wat	er Stand	ards and/or	

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		,				(518)	949-2020	
Need	ham Risk Manag	jemen	t Resource	Grou	Printed On	4/14	/2025	Page 1 of 1
1955 F STE 10 Castle		Sample ID:BG03339Date Received:04/09/2025Time Received:10:50Date Finalized:4/14/2025PO Number:Your Ref:		3339 9/2025 0 /2025				
Customer: Needham Risk Owner: Whitehall CSD Sample Loc: Whitehall High Sample Pt: WHS-1-KF-10 Water Source: Purchased F	Management Resou School PWS	rce Gro	up		Collect I Collect T Collected Receipt T Potable:	Date: ime: I by: Гетр:	04/09/202 05:25 CHASE W 15 C See Yes	5 OJTOWECZ e Note 1
Chiorinated: No Field	L a	bor	atorv	Repo	Grab/Cor	np:	Grab	
Test	Result	MCL	Qualifiers	Units	Method U	sed	Analyst	Analysis Date
Lead (schools)	24.6	15	Х	ug/L	SM 22 31	113B	MN	4/11/2025
Qualifiers Key: X Exceeds maximum T Temperature outside C(+/-) CCV outside accept S(+/-) Lab control sample J Analyte detected be (+ Result may be biased hi	contamination limit e specifications ancee limits outside acceptance limits elow quantitation limit gh / - Result may be biase	R A Z M I(ed low)	Duplication o Sample cont Analysis is n I(+/-)Matrix spike +/-) IS/Surrogate	outside acc ained air b ot state-ce recovery o outside ac	eptance limits ubble or headspac rtified utside acceptance cceptance limits	e limits	H Ho B Ar G In P Sa	old time exceeded halyte detected in blank correct bottle received ample preserved at lab
Legend: < Less Than, > Gre	ater Than	m	ng/L=PPM, ug/L=F	PPB	If no collec	tion tin	ne was given,	00:00 is reported
MCL = Maximum Contamina National Primary/Sec	nt Level referenced from N condary Drinking Water Sta	New York andards.	State Subpart 5-	l of the Pu	blic Drinking Water	Stand	lards and/or	

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						(518) 949-2020	
I	Needham Risk Mana	igemen	t Resourc	e Grou∣	Printed On	4/14	/2025	Page 1 of 1
	I955 Ferndale Road STE 102 Castleton-on-Hudson ,N	Y 12033			Sample ID:BG03340Date Received:04/09/2025Time Received:10:50Date Finalized:4/14/2025PO Number:Your Ref:			
Customer: Needhar Owner: Whitehal Sample Loc: Whitehal Sample Pt: WHS-1-V Water Source: Purch Chlorinated: No	n Risk Management Resc I CSD I High School NC-11 ased PWS <i>Field Residual Chlorine:</i>	ource Gro	up		Collec Collect Collect Receip Potable Grab/C	t Date: Time: ed by: t Temp: e: omp:	04/09/202 05:27 CHASE W 15 C Se Yes Grab	25 OJTOWECZ e Note 1
	L	abor	atory	Repo	rt			
Test	Result	MCL	Qualifiers	Units	Method	Used	Analyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	SM 22 3	3113B	MN	4/11/2025
Qualifiers Key: X Exceeds ma T Temperature C(+/-) CCV outside S(+/-) Lab control s J Analyte dete (+ Result may be b	eximum contamination limit e outside specifications e acceptancee limits sample outside acceptance limit ected below quantitation limit ased high / - Result may be bia	R A Z S N I(ased low)	Duplicatior Sample co Analysis is 1(+/-)Matrix spik +/-) IS/Surroga	n outside acc ntained air b not state-ce e recovery o te outside ac	eptance limits ubble or headspartified utside acceptanc cceptance limits	ace e limits	H H B A G II P S	old time exceeded nalyte detected in blank correct bottle received ample preserved at lab
Legend: < Less Than,	> Greater Than	n	ng/L=PPM, ug/L	=PPB	If no colle	ection tir	me was given	, 00:00 is reported
MCL = Maximum Co National Prim	ntaminant Level referenced from ary/Secondary Drinking Water S	n New York Standards.	State Subpart 5	5-1 of the Pu	blic Drinking Wat	er Stand	dards and/or	

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							(518) 949-202	0
	Needham Ri	sk Manag	gemer	t Resourc	e Grou	Printed C)n 4/14	/2025	Page 1 of 1
	1955 Ferndale STE 102 Castleton-on-F	Road Iudson ,NY	′ 12033			Sample ID:BG03341Date Received:04/09/2025Time Received:10:50Date Finalized:4/14/2025PO Number:Your Ref:			
Customer: Needha Owner: Whiteh Sample Loc: Whiteh Sample Pt: WHS-1 Water Source: Purc Chlorinated: No	am Risk Manage all CSD all High School -WC-12 chased PWS <i>Field Residual C</i>	ment Resou	urce Gro	pup	Barra	Co Col Col Red Pot Gra	llect Date: lect Time: lected by: ceipt Temp: able: ab/Comp:	04/09/20 05:28 CHASE V 15 C S Yes Grab)25 NOJTOWECZ ee Note 1
Toot			abor	atory	Repo	rt		Angha	
Lead (schools)		<1.0	15	Quaimers	ug/L	SM	22 3113B	Analy: MN	4/11/2025
Qualifiers Key: X Exceeds r T Temperatu C(+/-) CCV outsi S(+/-) Lab contro J Analyte d (+ Result may be	naximum contaminat ire outside specificat de acceptancee limit ol sample outside acc etected below quantit biased high / - Resu	ion limit ons s eptance limits ation limit ılt may be bias	F Z N I sed low)	R Duplication Sample cc Analysis is /(+/-)Matrix spik +/-) IS/Surroga	n outside acc ontained air b ot state-ce e recovery o te outside ac	ceptance limit oubble or hea ortified utside accept cceptance lim	s dspace tance limits its	H B G P	Hold time exceeded Analyte detected in blank Incorrect bottle received Sample preserved at lab
Legend: < Less That	n, > Greater Than		r	ng/L=PPM, ug/L	=PPB	lf no	collection ti	me was give	n, 00:00 is reported
MCL = Maximum C National Pr	Contaminant Level rel imary/Secondary Drii	erenced from thing Water St	New York tandards.	State Subpart &	5-1 of the Pu	blic Drinking	Water Stan	dards and/o	r

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						(51	18) 949-2	2020	
I	Needham Risk Manage	ment	Resourc	e Grou∣	Printe	d On 4/	14/2025		Page 1 of 1
	955 Ferndale Road STE 102 Castleton-on-Hudson ,NY 1	2033			Sample ID:BG033Date Received:04/09/2Time Received:10:50Date Finalized:4/14/20PO Number:Your Ref:		G03342 4/09/2029 0:50 14/2025	5	
Customer: Needhan Owner: Whitehal Sample Loc: Whitehal Sample Pt: WHS-1-H Water Source: Purch Chlorinated: No	n Risk Management Resourc I CSD I High School KF-13 ased PWS <i>Field Residual Chlorine:</i> L a b	e Grou	ip atory	Repo	r t	Collect Dat Collect Time Collected by Receipt Tem Potable: Grab/Comp:	e: 04/09 : 05:29 : CHAS : 15 0 Yes Grab	9/2025 9 SE WO 2 See	j DJTOWECZ Note 1
Test	Result	MCL	Qualifiers	Units	M	lethod Use	d An	alyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	Ş	SM 22 3113	В	MN	4/11/2025
Qualifiers Key: X Exceeds ma T Temperature C(+/-) CCV outside S(+/-) Lab control s J Analyte dete (+ Result may be bill	ximum contamination limit outside specifications acceptancee limits sample outside acceptance limits cted below quantitation limit ased high / - Result may be biased	R A Z M(I(+ Iow)	Duplication Sample co Analysis is +/-)Matrix spike /-) IS/Surrogat	outside acc ntained air b not state-ce e recovery of te outside ac	ceptance ubble or rtified utside ac cceptance	limits headspace ceptance limi e limits	H B G its F	Hol Ana Inc Sar	d time exceeded alyte detected in blank orrect bottle received nple preserved at lab
Legend: < Less Than,	> Greater Than	mę	g/L=PPM, ug/L:	=PPB	lf	no collection	i time was	gıven, C	00:00 is reported
MCL = Maximum Con National Prim	ntaminant Level referenced from New ary/Secondary Drinking Water Stand	w York S dards.	State Subpart 5	-1 of the Pu	blic Drink	ing Water St	andards ar	ıd/or	

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						(518)	949-2020	
Ne	edham Risk Manage	ement	t Resource	e Grou∣	Printed On	4/14	/2025	Page 1 of 1
195 ST Ca	55 Ferndale Road E 102 stleton-on-Hudson ,NY	12033			Sample ID:BG03343Date Received:04/09/2025Time Received:10:50Date Finalized:4/14/2025PO Number:Your Ref:			
Customer: Needham F Owner: Whitehall C Sample Loc: Whitehall H Sample Pt: WHS-1-WC Water Source: Purchase Chlorinated: No	Risk Management Resourd SD ligh School C-14 ed PWS Field Residual Chlorine: La	ce Gro	up atory	Repo	Collect Collect Collecte Receipt Potable: Grab/Co r t	Date: ïme: d by: Temp: mp:	04/09/2023 05:32 CHASE WC 15 C See Yes Grab	5 DJTOWECZ 9 Note 1
Test	Result	MCL	Qualifiers	Units	Method L	Jsed	Analyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	SM 22 3	113B	MN	4/11/2025
Qualifiers Key: X Exceeds maxin T Temperature ou C(+/-) CCV outside ac S(+/-) Lab control sam J Analyte detected (+ Result may be biase	num contamination limit itside specifications cceptancee limits nple outside acceptance limits ad below quantitation limit ed high / - Result may be biased	R A Z M I(- d low)	Duplication Sample cor Analysis is (+/-)Matrix spike (+/-) IS/Surrogat	outside acc ntained air b not state-ce e recovery ou e outside ac	eptance limits ubble or headspac rtified utside acceptance cceptance limits	ce limits	H Ho B An G Ind P Sa	ld time exceeded alyte detected in blank correct bottle received mple preserved at lab
Legend: < Less Than, >	Greater Than	m	g/L=PPM, ug/L=	=PPB	If no collec	ction tin	ne was given,	00:00 is reported
MCL = Maximum Conta National Primary	minant Level referenced from Ne /Secondary Drinking Water Star	ew York S ndards.	State Subpart 5	-1 of the Pul	blic Drinking Wate	r Stanc	lards and/or	

Comments:

Test procedures for all analyses meet NELAC requirements unless noted.

This P. Colli

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

New York State DOH E.L.A.P. # 10350

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

MassDEP Cert. # M-NY934

						(518) 949-2020	
١	Needham Risk Manage	ment	Resourc	e Grou∣	Printed On	4/14	/2025	Page 1 of 1
1 S C	955 Ferndale Road STE 102 Castleton-on-Hudson ,NY 1	2033			Sample ID:BG03344Date Received:04/09/2025Time Received:10:50Date Finalized:4/14/2025PO Number:Your Ref:)3344 19/2025 50 1/2025	
Customer: Needham Owner: Whitehall Sample Loc: Whitehall Sample Pt: WHS-1-V Water Source: Purcha Chlorinated: No	n Risk Management Resourc CSD High School VC-16 ased PWS <i>Field Residual Chlorine:</i> Lab	e Grou	ip atory	Repo	Collec Collec Collec Receip Potabl Grab/C	et Date: t Time: ted by: tt Temp: e: Comp:	04/09/202 05:35 CHASE W0 15 C See Yes Grab	5 DJTOWECZ e Note 1
Test	Result	MCL	Qualifiers	Units	Method	Used	Analyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	SM 22	3113B	MN	4/11/2025
Qualifiers Key: X Exceeds ma T Temperature C(+/-) CCV outside S(+/-) Lab control s J Analyte dete (+ Result may be bin	ximum contamination limit outside specifications acceptancee limits ample outside acceptance limits cted below quantitation limit ased high / - Result may be biased	R A Z M(I(+ Iow)	Duplication Sample co Analysis is +/-)Matrix spike /-) IS/Surrogat	outside acc ntained air b not state-ce e recovery of e outside ac	eptance limits ubble or headsp rtified utside acceptanc cceptance limits	ace ce limits	H Hc B An G In P Sa	old time exceeded alyte detected in blank correct bottle received mple preserved at lab
Legend: < Less Than,	> Greater Than	mg	J/L=PPM, ug/L:	=PPB	If no coll	ection tir	ne was given,	00:00 is reported
MCL = Maximum Cor National Prima	ntaminant Level referenced from Ne ary/Secondary Drinking Water Stand	w York S dards.	tate Subpart 5	-1 of the Pu	blic Drinking Wa	ter Stand	dards and/or	

Comments:

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						(518)) 949-2020	
Nee	dham Risk Manag	emen	t Resource	e Grou	Printed On	4/14	/2025	Page 1 of 1
1955 STE Cast	Ferndale Road 102 leton-on-Hudson ,NY	12033			Sample ID:BG03345Date Received:04/09/2025Time Received:10:50Date Finalized:4/14/2025PO Number:Your Ref:			
Customer: Needham Ris Owner: Whitehall CS Sample Loc: Whitehall Hig Sample Pt: WHS-1-IM-1 Water Source: Purchased Chlorinated: No Fie	sk Management Resour D Jh School 8 1 PWS eld Residual Chlorine: L a	ce Gro b o r	up atory	Repo	Collect Collect Collecte Receipt Potable: Grab/Co	Date: Time: d by: Temp: mp:	04/09/2025 05:36 CHASE WC 15 C See Yes Grab	5 DJTOWECZ Note 1
Test	Result	MCL	Qualifiers	Units	Method I	Jsed	Analyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	SM 22 3	113B	MN	4/11/2025
Qualifiers Key: X Exceeds maximu T Temperature outs C(+/-) CCV outside acco S(+/-) Lab control samp J Analyte detected (+ Result may be biased	m contamination limit ide specifications eptancee limits le outside acceptance limits below quantitation limit high / - Result may be biase	R A Z M I(d low)	Duplication Sample cor Analysis is I(+/-)Matrix spike +/-) IS/Surrogat	outside acc ntained air b not state-ce recovery of e outside ac	eptance limits ubble or headspar rtified utside acceptance cceptance limits	ce limits	H Ho B An: G Inc P Sat	ld time exceeded alyte detected in blank correct bottle received mple preserved at lab
Legend : < Less Than, > 0	Greater Than	m	ıg/L=PPM, ug/L⊧	=PPB	If no colled	ction tir	ne was given, (00:00 is reported
MCL = Maximum Contam National Primary/S	nant Level referenced from N econdary Drinking Water Sta	ew York ndards.	State Subpart 5	-1 of the Pu	blic Drinking Wate	r Stand	lards and/or	

Comments:

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New York State DOH E.L.A.P. # 10350

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· · ·		<u> </u>				(518) 949-2020		
Needham Ris	oup	Printed On :	4/18	/2025	Page 1 of 1				
1955 Ferndale R STE 102		Sample ID: I Date Received: (3665 7/2025					
Castleton-on-Hu			Time Received: Date Finalized: PO Number: Your Ref:		5 /2025				
Customer: Needham Risk Manageme Owner: Whitehall CSD Sample Loc: Whitehall Elementary	ent Resource	e Group			Collect D Collect Til Collected	Date: me: bv:	04/17/2025 09:30 CHASE WO		
Sample Pt: WES-1-KF-1-P					Receipt To	emp:	20 C See	e Note 1	
Water Source: Purchased PWS Chlorinated: No Field Residual Ch	lorine:	abor	atory	Repo	Potable: Grab/Con r t	np:	Yes Grab		
Test	Result	MCL	Qualifiers	Units	Method U	sed	Analyst	Analysis Date	
Lead (schools)	3.6	15		ug/L	SM 22 3	113B	MN	4/18/2025	
Qualifiers Key: X Exceeds maximum contamination li T Temperature outside specifications C(+/-) CCV outside acceptancee limits S(+/-) Lab control sample outside accepta J Analyte detected below quantitation (+ Result may be biased high / - Result may	mit nce limits ı limit ay be biased lo	w)	R Duplication A Sample cor Z Analysis is i M(+/-) Matrix spike I(+/-) IS/Surrogate	outside accept ntained air bubb not state-certifi recovery outsi e outside accep	ance limits ole or headspace ed de acceptance limits tance limits		H Ho B Ar G Ino P Sa	old time exceeded halyte detected in blank correct bottle received ample preserved at lab	
Legend: < Less Than, > Greater Than			mg/L=PPM, ug/L=I	If no collecti	If no collection time was given, 00:00 is reported				
MCL = Maximum Contaminant Level refere	nced from New	York State	Subpart 5-1 of the	e Public Drinkin	ig Water Standards a	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:

Test procedures for all analyses meet NELAC requirements unless noted.

Brie P. Colli-

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

New York State DOH E.L.A.P. # 10350

Reviewed by Mitchell Niemeyer These results relate to samples as received.

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		<u> </u>				(518) 949-2020	
Needham Ri	up	Printed On: 4/1		/2025	Page 1 of 1			
1955 Ferndale STE 102 Castleton-on-ŀ		Sample ID: Date Received: Time Received: Date Finalized: PO Number: Your Ref:	BG0 04/1 11:4: 4/18)3666 17/2025 ŀ5 3/2025				
Customer: Needham Risk Management Resource Gro Owner: Whitehall CSD Sample Loc: Whitehall Elementary Sample Pt: WES-1-KF-1-P-F Water Source: Purchased PWS Chlorinated: No Field Residual Chlorine: L a b			tory	Repo	Collect I Collect T Collected Receipt 1 Potable: Grab/Cor r t	Date: ime: I by: Femp: np:	04/17/2025 09:32 CHASE WOJ 20 C See Yes Grab	TOWECZ Note 1
Test	Result	MCL	Qualifiers	Units	Method L	Jsed	Analyst	Analysis Date
Lead (schools)	<1.0	15		ug/L	SM 22 3	113B	MN	4/18/2025
Qualifiers Key: X Exceeds maximum contaminatio T Temperature outside specificatio C(+/-) CCV outside acceptancee limits S(+/-) Lab control sample outside accept J Analyte detected below quantitat (+ Result may be biased high / - Result Legend: < Less Than, > Greater Than MCL = Maximum Contaminant Level reference	n limit ns otance limits cion limit may be biased lo	R A Z M(+ I(+/ w)	Duplication o Sample cont Analysis is no -/-)Matrix spike n -) IS/Surrogate (/L=PPM, ug/L=P	utside accep ained air bubl ot state-certifi ecovery outsi outside accep PB	tance limits ole or headspace ed de acceptance limits tance limits If no collect	s tion time	H Hold B Ana G Inco P San e was given, 00:00	d time exceeded lyte detected in blank rrect bottle received uple preserved at lab

Comments:

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3Ts Flushing Best Practices

Flushing is a tool schools can use as a general best practice to improve overall water quality and during flush sampling (i.e., samples targeting the plumbing inside of the wall).

LEAD IN DRINKING WATER IN SCHOOLS

The potential for lead to leach into water can increase the longer the water remains in contact with lead in plumbing. As a result, facilities with intermittent water use patterns, such as schools, may have elevated lead concentrations.

Testing helps evaluate plumbing systems and materials so that targeted remediation efforts can be taken. It is a key step in understanding the problem, if there is one, and designing an appropriate response.

EPA developed the *3Ts for Reducing Lead in Drinking Water* to assist schools and child care facilities with their drinking water testing program. The 3Ts applies a Training, Testing, and Taking Action approach.

WHAT IS FLUSHING?

"Flushing" involves opening taps and letting the water run to remove water that has been standing in the interior pipes and/or the outlets. The flushing time can vary by the type of outlet being cleared. The degree to which flushing helps reduce lead levels can also vary depending upon the age and condition of the plumbing and the corrosiveness of the water.

Flushing is a tool, but only when used appropriately. This fact sheet helps you understand when flushing should be used, when it shouldn't, the pros and cons, and how to conduct flushing in your facility.

FLUSHING TO IMPROVE WATER QUALITY

In schools and child care facilities, establishing an ongoing flushing program is one of the quickest and easiest solution to ensure the water quality is preserved by decreasing water age.

In addition, flushing does not require installation or maintenance of water treatment equipment or complex instructions. Flushing can be used as a regular practice to ensure the water is regularly moving.

OFFICE OF GROUND WATER AND DRINKING WATER



Office of Water EPA 815-F-18-027 October 2018

FLUSHING AND SAMPLING FOR LEAD

When sampling for lead, it is important that the sample represents what is being consumed. For this reason, EPA typically encourages schools not to collect samples in the morning after vacations, weekends, or holidays because the water will have remained stagnant for too long and would not represent the water used for drinking during typical school days. It is recommended to flush after these breaks to maintain water quality.

EPA does not recommend flushing for the sole purpose of sampling but rather as a regular practice to ensure the water is regularly moving. Flushing right before sampling may cause results showing lower than representative lead levels in the water. Flushing is only appropriate during sampling when conducting follow-up flush sampling or sequential sampling to identify potential lead concerns in the interior plumbing.

"Flushing can be used as a regular practice to ensure the water is regularly moving."

FLUSHING AND REMEDIATION FOR LEAD

Flushing can be a quick and easy solution to high lead levels, especially when contamination is localized in a small area or in a small building. It can be used as a short-term solution as more permanent solutions are being implemented.

Automatically flushing individual problem outlets or all outlets may also represent an albeit ongoing, solution. This would involve the use of time-operated solenoid valves that can be installed and set to automatically flush the main pipes (headers) of the system. It is important to note that solenoid valves are not practical for flushing water coolers.



An important consideration when utilizing flushing for remediation is how often flushing should occur throughout the week and possibly throughout the day, and whether it is feasible for your facility. Depending upon the age and condition of the plumbing and the corrosiveness of the water elevated lead levels can return relatively quickly following flushing.

Unless you can ensure lead levels remain low throughout the day, it is not recommended to flush only once a day or once a week as a solution to high lead levels. Flushing immediately prior to use may be a short-term solution, in conjunction with signage and schedules.

Make sure to conduct samples after implementing flushing for remediation so you can ensure the water being provided does not contain elevated lead levels.

THE DOS AND DON'TS OF FLUSHING

The Dos

- Utilize flushing as a routine practice to improve overall water quality;
- Flush when it is included in a sample instruction (i.e., taking a follow-up flush sample);
- Flush after remediation. In addition to replacing or removing lead containing plumbing or fixtures. Flushing can help clear out debris or lead particulates that may be released when remediation occurs.



The Don'ts

- Flush right before sampling. Flushing prior to sampling may cause samples to not be representative of daily consumption.
- Flush to reduce lead levels in coolers. Flushing is not recommended as a practical remedy for water coolers.
- Flush as a sole effort after finding unacceptable lead levels in your school, without ensuring lead levels will remain low throughout the day.
- Flushing as a long-term remediation effort alone. Flushing can be a measure that could be paired with permanent remediation like replacement and/or removal.

TIPS FOR DEVELOPING A FLUSHING PLAN

When using flushing as a regular practice or as a short-term remediation effort:

 Determine how water enters and flows through your facility by developing a plumbing profile;

- Locate all water outlets that are used for consumption;
- Utilize signage to indicate when and for how long flushing needs to occur at each outlet;
- Identify options for collection and nonpotable re-use of flushed water (e.g., plant watering); and
- Develop a system for accountability, including identifying one person who is in charge and record keeping.

ADDITIONAL RESOURCES

- 3Ts for Reducing Lead in Drinking Water (PDF) (2018). Link: <u>https://www.epa.gov/dwreginfo/3ts-</u> reducing-lead-drinking-water-schools-andchild-care-facilities
- 3Ts Full Toolkit (Website) (2018). Link: https://nepis.epa.gov/safewater/3Ts

Exhibit 1: 3Ts Flushing Instructions

Remember that each drinking water outlet should be flushed individually; flushing a toilet will not flush your water fountains. All flushing should be recorded in a log submitted daily to the office, or person, in charge of this program.

- Locate the faucet furthest away from the service line on each wing and floor of the building, open the faucets wide, and let the water run for 10 minutes. For best results, calculate the volume of the plumbing and the flow rate at the tap and adjust the flushing time accordingly. This 10-minute time frame is considered adequate for most buildings.
- Open valves at all drinking water fountains without refrigeration units and let the water run for roughly 30 seconds to one minute, or until cold.
- Let the water run on all refrigerated water fountains for 15 minutes. Because of the long time period required, routinely flushing refrigerated fountains may not be feasible. It may therefore be necessary, and more economical, to replace these outlets with lead-free, NSF-approved devices.
- Open all kitchen faucets (and other faucets where water will be used for drinking and/or cooking) and let the water run for 30 seconds to one minute, or until cold.



For more information, visit: epa.gov/safewater/3Ts