

May 26, 2016

RECEIVED

JUN 01 2016

Old Tappan Board of Education
277 Old Tappan Rd.
Old Tappan, NJ 07675

Tabulated below are the analytical results for water samples collected from your locations and analyzed for lead content. If the results indicate that the drinking water drawn from your tap contains lead above **15 ppb**, you should let the water run from the tap before using it for drinking or cooking. This should be done any time the faucet has gone unused for more than six hours. Run the cold water faucet until the water gets noticeably colder, usually about 30-60 seconds. You can use this FLUSH water to wash the dishes or water plants. If your site has a lead service line to the water main or substantial lengths of plumbing to your tap, you may have to flush the water for a longer period of time before drinking.

RESULTS

Lead – Flush (ppb):	ND – Not Detected
Collected Date:	09-MAY-16
Collected By:	EF
Location:	Charles DeWolf School – 277 Old Tappan Rd. Workshop slop sink
Suez Lab No.:	420746
ALS Lab No.:	2143089001
Analysis Date:	16-MAY-16
Lead – Flush (ppb):	3.2
Collected Date:	09-MAY-16
Collected By:	EF
Location:	Charles DeWolf School – 277 Old Tappan Rd. Kitchen
Suez Lab No.:	420747
ALS Lab No.:	2143089002
Analysis Date:	16-MAY-16

RESULTS

Lead – Flush (ppb):	ND – Not Detected
Collected Date:	09-MAY-16
Collected By:	EF
Location:	Thomas Baldwin School – 1 School St. Kitchen
Suez Lab No.:	420748
ALS Lab No.:	2143089003
Analysis Date:	16-MAY-16

All results are expressed in parts per billion (ppb). Analyses are performed in accordance with US EPA Method: 200.8 for Lead conducted by ALS Environmental. If you have any questions, please contact the laboratory at (201) 599-6039.

Sincerely,



Sheng-Lu Soong, Ph.D.
Chief Chemist
SLS:rj

Enc.

Chain of Custody

Haworth, NJ 07641

Client: Suez-NJ
 Date of Collection: 5-9-16

Collected By (print): EF

Lab. No.	Sample ID	FIELD DATA					No. Bottles	Preserv.	Pres. Chk.	Analysis Required
		Time Coll.	Temp °C	pH	Chlorine Residual (F/T) mg/L	Time Cl ₂				
420746	Charles DeWolfe School 277 Old Tappan Rd Old Tappan	10:30	14.9	7.88	00/2.05	10:33	1	(F)	22	Flush Pb 2" SERVICE LINE that Feeds BOE OFFICE Slop sink in WORK SHOP
420747	Charles DeWolfe School	10:55	21.9	7.30	00/.05	10:58	1	(F)	22	Kitchen Pb (Flush) 6" SERVICE LINE About 200' to New Addition of School (Single lever)
420748	Thomas Baldwin Demarest School 1 School St Old Tappan	11:20	15.6	7.96	00/1.81	11:23	1	(F)	22	Pb (Flush) Kitchen (Single lever)
	Billy Oliver 201-427-0023									

Sample Relinquished (collector): EF (Initial), Date 5-9-16, Time 14:45
 Sample Received (Lab. Staff): GN (Initial), Date 5/9/16, Time 15:00
 Sample Relinquished (Lab. Staff): GV (Initial), Date 5/9/16, Time 15:00
 BacT Station: _____ Received _____ (Initial), Date _____, Time _____
 Gen. Chem. Station: _____ Received _____ (Initial), Date _____, Time _____
 Inorganics Station: _____ Received _____ (Initial), Date _____, Time _____
 Sub-contract: Received GV (Initial), Date 5/11/16, Time 11:00
 XW : _____ Received _____ (Initial), Date _____, Time _____

- Preservatives**
- a. None
 - b. 1+1 HCl (Hydrochloric Acid)
 - c. Ascorbic Acid
 - d. Sodium Thiosulfate
 - e. Sodium Sulfite
 - f. Nitric Acid (HNO₃)
 - g. Sulfuric Acid (H₂SO₄)
 - h. Ammonium Chloride (NH₄Cl)
 - i. 0.2N HCl (Hydrochloric Acid)
 - j. Ethylenediamine (EDA)
 - k. Phosphoric Acid (H₂PO₄)
 - n. Chlorac Buffer (Pickering)
 - m. Sodium Hydroxide (NaOH)
 - o. Sodium Persulfate
- Refer to the sample collection and preservation sheet for proper bottle and preservation method for each analyses.

Note: XW : UV254

pH meter check: Battery check: pH 7 buffer: 7.01, Temp: 21.2, In Range: , Initial: EF
 Ice Frozen Yes / No. Cooler Temperature °C 3
 Laboratory's Comments: _____



May 16, 2016

Ms. Sheng-Lu Soong
SUEZ Water New Jersey
400 Lake Shore Drive
Haworth, NJ 07641

Certificate of Analysis

Project Name:	NJ Routine Samples (BU100)	Workorder:	2143089
Purchase Order:	BU#100	Workorder ID:	NJ Routine Samples (BU100)

Dear Ms. Soong:

Enclosed are the analytical results for samples received by the laboratory on Wednesday, May 11, 2016.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Ms. Debra J. Musser (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

CC: Mr. Alan Lopez

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Debra J Musser
Ms. Debra J. Musser
Project Coordinator

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SAMPLE SUMMARY

Workorder: 2143089 NJ Routine Samples (BU100)

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2143089001	277 Old Tappan (420746)	Drinking Water	5/9/2016 10:30	5/11/2016 20:50	Collected by Client
2143089002	277 Old Tappan (420747)	Drinking Water	5/9/2016 10:30	5/11/2016 20:50	Collected by Client
2143089003	1 School St. (420748)	Drinking Water	5/9/2016 11:20	5/11/2016 20:50	Collected by Client

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cnr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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ANALYTICAL RESULTS

Workorder: 2143089 NJ Routine Samples (BU100)

Lab ID: **2143089001** Date Collected: 5/9/2016 10:30 Matrix: Drinking Water
 Sample ID: **277 Old Tappan (420746)** Date Received: 5/11/2016 20:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		mg/L	0.0020	0.00066	EPA 200.8	5/15/16 ZMC	5/16/16 06:11	ZMC	A1

Debra J Musser
 Ms. Debra J. Musser
 Project Coordinator

DeWolf

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ANALYTICAL RESULTS

Workorder: 2143089 NJ Routine Samples (BU100)

Lab ID: **2143089002** Date Collected: 5/9/2016 10:30 Matrix: Drinking Water
 Sample ID: **277 Old Tappan (420747)** Date Received: 5/11/2016 20:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0032		mg/L	0.0020	0.00066	EPA 200.8	5/15/16 ZMC	5/16/16 06:19	ZMC	A1

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 Ms. Debra J. Musser
 Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2143089 NJ Routine Samples (BU100)

Lab ID: **2143089003** Date Collected: 5/9/2016 11:20 Matrix: Drinking Water
 Sample ID: **1 School St. (420748)** Date Received: 5/11/2016 20:50

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		mg/L	0.0020	0.00066	EPA 200.8	5/15/16 ZMC	5/16/16 06:22	ZMC	A1

Debra J Musser
 Ms. Debra J. Musser
 Project Coordinator

Thos Baldwin E

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