



2323 Fourth Street
P.O. Box 483
Peru, Illinois 61354
815-224-1650
800-659-4659
FAX 815-224-1688
www.testinc.com

ANALYTICAL REPORT

September 19, 2017

Princeton Grade School
Attn: Mark Gray
506 East Dover Road
Princeton, IL 61356

Order Number: 170900167

TEST, Inc. received 26 samples on August 17, 2017 at 12:00 for the analyses presented in the following report.

There were no problems with the analyses and all the data for the associated QC met EPA or laboratory specifications. Exceptions would be described in the Case Narrative, if applicable.

This final Analytical Report consists of this cover letter, case narrative, laboratory results and any accompanying documentation including, but not limited to, chain of custody records.

This report may not be reproduced, except in full, without prior written approval from TEST, Inc.

If you have any questions regarding these test results, please do not hesitate to contact me at (815) 224-1650 or (800) 659-4659.

Sincerely,

Total Environmental Service Technologies, Inc.

A handwritten signature in black ink that reads "Heather Bjork". The signature is written in a cursive style.

Heather Bjork
Quality Assurance Officer



A handwritten signature in black ink that reads "Jeff".

CASE NARRATIVE



CLIENT: Princeton Schools
DATE: September 19, 2017
ORDER NUMBER: 170900167

2323 Fourth Street
P.O. Box 483
Peru, Illinois 61354
815-224-1650
800-659-4659
FAX 815-224-1688
www.testinc.com

GENERAL COMMENTS:

All results reported in wet weight unless otherwise indicated (mg/kg = Dry Weight)

Sample results relate only to the analytes of interest and to sample as received by the laboratory.

Environmental compliance sample results meet the requirements of Part 186 unless otherwise indicated.

Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated. For more information about the laboratories' scope of accreditation in regards to Alkalinity/SM2320B; TDS/SM2540C; Fluoride/SM4500F-C; pH/SM4500H-B; Nitrite/SM4500NO2-B; Nitrate/EPA 353.2R2.0; Lead/EPA 200.8R5.4, please contact TEST, Inc. or the Agency

LIMIT: Method Detection Limit. The minimum concentration of an analyte that can be measured and reported with a 99% confidence that analyte is greater than zero.

Outside laboratories references under analyst on the Final Report include:

- SB: Suburban Laboratories BE: Bain Environmental ESI: EnviroScience, Inc.
EML: Environmental Midwest Laboratory UL: Underwriters Laboratories SET: Summit Environmental Technologies, Inc.
TEK: Teklab, Inc. STA: STAT Analysis Corp. MWH: Eaton Analytical UAS: United Analytical Services

DATA QUALIFIERS:

B: Analyte detected in the associated Method Blank

J: The analyte was positively identified; the associated numerical value is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value

TNTC: Too Numerous to Count

H: Analysis run past method hold time

I: Invalid

T: Sample received outside thermal preservation acceptance criteria

S: Sample sent to subcontracted NELAP Laboratory

Q: Results accepted outside of quality control limits

METHOD REFERENCES:

EPA: USEPA Methods for the Determination of Inorganic Substances in Environmental Samples; Methods for Chemical Analysis of Water and Wastes; Methods for Organic Chemical Analyses of Municipal and Industrial Wastewater; 40CFR136 App A; Methods for Determination of Metals in Environmental Samples; Methods for the Determination of Organic Compounds in Drinking Water

SW: USEPA, Test Methods for Evaluating Solid Waste, SW-846, 3rd Ed, includes Updates I-III

SM: Standard Methods for the Examination of Water and Wastewater, 20th Ed.

D: ASTM, Annual Book of Standards

Reported To:
 Mark Gray
 Princeton Schools
 506 East Dover Road
 Princeton, IL 61356

Order No.: 170900167
P.O. No.: G2966398
Date Received: 08/17/2017
Collected by: Client
Report Date: 09/19/2017

Laboratory Results

Sample No.: 170900167-001 **Location:** Jefferson Room 6
Date Collected: 08/15/2017 **Type:** Grab
Time Collected: 07:00 **Sample Matrix:** Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	5.77	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.: 170900167-002 **Location:** Jefferson Room 6
Date Collected: 08/15/2017 **Type:** Grab
Time Collected: 07:01 **Sample Matrix:** Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	2.03	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.: 170900167-003 **Location:** Jefferson Room 5
Date Collected: 08/15/2017 **Type:** Grab
Time Collected: 07:03 **Sample Matrix:** Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	21.7	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.: 170900167-004 **Location:** Jefferson Room 5
Date Collected: 08/15/2017 **Type:** Grab
Time Collected: 07:04 **Sample Matrix:** Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	15.1	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-005	Location:	Jefferson Room 4
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:06	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	44.5	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-006	Location:	Jefferson Room 4
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:07	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	10.3	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-007	Location:	Jefferson Room 3
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:09	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	81.3	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-008	Location:	Jefferson Room 3
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:10	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	21.9	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-009	Location:	Jefferson Room 2
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:12	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	50.8	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-010	Location:	Jefferson Room 2
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:13	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	15.3	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-011	Location:	Jefferson Room 1
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:15	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	11.0	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-012	Location:	Jefferson Room 1
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:16	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	5.65	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-013	Location:	Jefferson Southwest FTN
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:18	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	<2.00	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-014	Location:	Jefferson Southwest FTN
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:19	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	<2.00	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-015	Location:	Jefferson West Center
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:20	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	2.80	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-016	Location:	Jefferson West Center
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:21	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	2.15	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-017	Location:	Jefferson Northwest FTN
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:22	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	<2.00	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-018	Location:	Jefferson Northwest FTN
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:23	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	<2.00	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-019	Location:	Jefferson Cafe Sink
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:24	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	14.9	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-020	Location:	Jefferson Cafe Sink
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:25	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	3.37	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-021	Location:	Jefferson Northeast FTN
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:27	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	3.05	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-022	Location:	Jefferson Northeast FTN
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:28	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	3.08	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-023	Location:	Jefferson East Center
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:29	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	4.64	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-024	Location:	Jefferson East Center
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:30	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	4.67	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-025	Location:	Jefferson Room 14
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:32	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	21.7	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900167-026	Location:	Jefferson Room 14
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	07:33	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	13.0	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ



CHAIN OF CUSTODY RECORD

TEST, INC. • 2323 FOURTH STREET • P.O. BOX 483 • PERU, IL 61354 • (815) 224-1650

Project #		Client (School/District) Name:		Analysis Required		Specify Regulation Program					
170900167		PRINCETON ELEM. 115 JEFFERSON				(2) H ₂ O pH test					
Samples Signature: I acknowledge that samples were collected in accordance with the collection instructions provided.				Contact phone number:		* Fixture Types:					
Print Name: <u>Mark Gray</u> MARK GRAY email address:				(815) 250-2795		DF - drinking fountain WF - water cooler S - sink KS - kitchen sink IM - ice machine O - other					
Samp #	Collection Date	Time	Fixture Type*	Sample Type (First Draw or Flush)	pH	Matrix	Qty	Sampling Location	Date of Last Use	Time of Last Use	Lead
1-1	8/15/17	7:00	SINK	FIRST DRAW				ROOM 6	8-14-17	3:30 PM	
1-2	8/15/17	7:01	SINK	SECOND DRAW				ROOM 6	8-14-17	3:30 PM	
2-1	8/15/17	7:03	SINK	FIRST DRAW				ROOM 5	8-14-17	3:30 PM	
2-2	8/15/17	7:04	SINK	SECOND DRAW				ROOM 5	8-14-17	3:30 PM	
3-1	8/15/17	7:06	SINK	FIRST DRAW				ROOM 4	8-14-17	3:30 PM	
3-2	8/15/17	7:07	SINK	SECOND DRAW				ROOM 4	8-14-17	3:30 PM	
4-1	8/15/17	7:08	SINK	FIRST DRAW				ROOM 3	8-14-17	3:30 PM	
4-2	8/15/17	7:10	SINK	SECOND DRAW				ROOM 3	8-14-17	3:30 PM	
5-1	8/15/17	7:12	SINK	FIRST DRAW				ROOM 2	8-14-17	3:30 PM	
5-2	8/15/17	7:13	SINK	SECOND DRAW				ROOM 2	8-14-17	3:30 PM	
Relinquished By: <u>Mark Gray</u>		Date: 8/17/17		Time: 10:00		Received By: <u>[Signature]</u>		Date: 8/17/17		Time: 12:00	
Relinquished By: <u>[Signature]</u>		Date: 8/17/17		Time: 12:00		Received By: <u>[Signature]</u>		Date: 8/17/17		Time: 12:00	
Relinquished By: <u>[Signature]</u>		Date: 8/17/17		Time: 12:00		Received By: <u>[Signature]</u>		Date: 8/17/17		Time: 12:00	
Relinquished By: <u>[Signature]</u>		Date: 8/17/17		Time: 12:00		Received By: <u>[Signature]</u>		Date: 8/17/17		Time: 12:00	
Address: _____ City/State/Zip: _____ ISBE ID: _____ Building ID: _____ Building Description: _____ Lab Remarks: HNO₃ added Date Forwarded: _____ Signature: _____											

Lab use only

Samples received on ice? Yes No Temperature of samples: 22 °C

Samples in proper container / bottle? Yes No Sample containers intact? Yes No

Samples received within holding time? Yes No Sufficient sample volume? Yes No

Samples have proper preservative? Yes No COC properly completed? Yes No

CHAIN OF CUSTODY RECORD

TEST, INC. • 2323 FOURTH STREET • P.O. BOX 483 • PERU, IL 61354 • (815) 224-1650



Project #		Client (School/District) Name:										Analysis Required					Specify Regulatory Program:				
170900167		PRINCETON ELE. 115 JEFFERSON															<input type="checkbox"/> IDPH Pb tests * Fixture Types: DF - drinking fountain WF - water cooler S - sink KS - kitchen sink IM - ice machine O - other				
Samples Signature: I acknowledge that samples were collected in accordance with the collection instructions provided.		Contact phone number:																			
Mark Gray		(815) 250 2795																			
Print Name:		email address:																			
MARK GRAY																					
Samp #	Collection Date	Time	Fixture Type*	Sample Type (First Draw or Flush)	pH	Matrix	Qty	Sampling Location	Lead	Date of Last Use	Time of Last Use	Analysis Required	Specify Regulatory Program								
6-1	8/15/17	7:15	SINK	FIRST DRAW				ROOM 1		8-14-17	3:30 PM										
6-2	8/15/17	7:16	SINK	SECOND DRAW				ROOM 1		8-14-17	3:30 PM										
7-1	8/15/17	7:18	DF	FIRST DRAW				SOUTHWEST FTN		8-14-17	3:30 PM										
7-2	8/15/17	7:19	DF	SECOND DRAW				SOUTHWEST FTN		8-14-17	3:30 PM										
8-1	8/15/17	7:20	DF	FIRST DRAW				WEST CENTER		8-14-17	3:30 PM										
8-2	8/15/17	7:21	DF	SECOND DRAW				WEST CENTER		8-14-17	3:30 PM										
9-1	8/15/17	7:22	DF	FIRST DRAW				NORTHWEST FTN		8-14-17	3:30 PM										
9-2	8/15/17	7:23	DF	SECOND DRAW				NORTHWEST FTN		8-14-17	3:30 PM										
10-1	8/15/17	7:24	SINK	FIRST DRAW				CAFE SINK		8-14-17	3:30 PM										
10-2	8/15/17	7:25	SINK	SECOND DRAW				CAFE SINK		8-14-17	3:30 PM										
Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sampler Remarks:									
Mark Gray		8/17/17		10:00		Layne Johnson		8/17/17		12:00											
Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Address:									
												City/State/Zip:									
												ISBE ID:									
												Building ID:									
												Building Description:									
												Lab Remarks: HNO3 added									
												Date Forwarded:									
												Signature:									

Lab use only

Samples received on ice ? Yes No Temperature of samples: 22 °C

Samples in proper container / bottle ? Yes No Sample containers intact ? Yes No

Samples received within holding time ? Yes No Sufficient sample volume ? Yes No

Samples have proper preservative ? Yes No COC properly completed ? Yes No

CHAIN OF CUSTODY RECORD

TEST, INC. • 2323 FOURTH STREET • P.O. BOX 483 • PERU, IL 61354 • (815) 224-1650



Project # 170900167	Client (School/District) Name: PRINCETON ELE. 115 JEFFERSON	Specify Regulatory Program:	Analysis Required							
Samples Signature: I acknowledge that samples were collected in accordance with the collection instructions provided. <i>Mark Gray</i> (Signature)		<input checked="" type="checkbox"/> IDPH Pb Test *Fixture Types: DF - drinking fountain WF - water cooler S - sink KS - kitchen sink IM - ice machine O - other								
Contact phone number: (815) 250-2795 email address:										
Print Name: MARK GRAY										
Samp #	Collection Date	Time	Fixture Type #	Sample Type (First Draw or Flush)	pH	Matrix	Qty	Sampling Location	Date of Last Use	Time of Last Use
11-1	8/15/17	7:27	DF	FIRST DRAW				NORTHEAST FTN	8-14-17	3:30 PM
11-2	8/15/17	7:28	DF	SECOND DRAW				NORTHEAST FTN	8-14-17	3:30 PM
12-1	8/15/17	7:29	DF	FIRST DRAW				EAST CENTER	8-14-17	3:30 PM
12-2	8/15/17	7:30	DF	SECOND DRAW				EAST CENTER	8-14-17	3:30 PM
13-1	8/15/17	7:32	SINK	FIRST DRAW				ROOM 14	8-14-17	3:30 PM
13-2	8/15/17	7:35	SINK	SECOND DRAW				ROOM 14	8-14-17	3:30 PM
Relinquished By: <i>Mark Gray</i> (Signature) Date: 8/17/17 Time: 10:00										
Received By: <i>Jessica J</i> (Signature) Date: 8/17/17 Time: 12:00										
Relinquished By: _____ Date: _____ Time: _____										
Received By: _____ Date: _____ Time: _____										
Relinquished By: _____ Date: _____ Time: _____										
Received By: _____ Date: _____ Time: _____										
Relinquished By: _____ Date: _____ Time: _____										
Received By: _____ Date: _____ Time: _____										
Relinquished By: _____ Date: _____ Time: _____										
Received By: _____ Date: _____ Time: _____										
Relinquished By: _____ Date: _____ Time: _____										
Received By: _____ Date: _____ Time: _____										
Relinquished By: _____ Date: _____ Time: _____										
Received By: _____ Date: _____ Time: _____										
Relinquished By: _____ Date: _____ Time: _____										
Received By: _____ Date: _____ Time: _____										
Relinquished By: _____ Date: _____ Time: _____										
Received By: _____ Date: _____ Time: _____										

Lab use only

Samples received on ice ?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Temperature of samples:	22	°C
Samples in proper container / bottle ?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Sample containers intact ?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Samples received within holding time ?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Sufficient sample volume ?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Samples have proper preservative ?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	COC properly completed ?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Sampler Remarks:

Address: _____
City/State/Zip: _____
ISBE ID: _____
Building ID: _____
Building Description: _____

Lab Remarks: HNO3 added

Date Forwarded: _____
Signature: _____