



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: 170900161

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.

Heather Bjork
Quality Assurance Officer



CASE NARRATIVE



CLIENT: Princeton Schools

DATE: September 19, 2017

ORDER NUMBER: 170900161

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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.: 170900161
P.O. No.: G2966398
Date Received: 08/17/2017
Collected by: Client
Report Date: 09/19/2017

Laboratory Results

Sample No.:	170900161-001	Location:	JR. High Logan West 49 Restroom
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:10	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	7.74	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-002	Location:	JR. High Logan West 49 Restroom
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:11	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	5.20	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-003	Location:	JR. High Logan West 49 Restroom
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:12	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	6.27	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-004	Location:	JR. High Logan West 49 Restroom
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:13	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	16.4	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-005	Location:	JR. High Logan West 47 Sink
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:14	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	9.74	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-006	Location:	JR. High Logan West 47 Sink
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:15	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	6.62	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-007	Location:	JR. High Logan West Drink Fount
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:15	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	<2	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-008	Location:	JR. High Logan West Drink Fount
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:16	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	<2	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-009	Location:	JR. High Logan West 40 Sink
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:17	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	18.7	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.: 170900161-015 **Location:** JR. High Logan West 32 Sink
Date Collected: 08/15/2017 **Type:** Grab
Time Collected: 06:25 **Sample Matrix:** Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	20.1	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.: 170900161-016 **Location:** JR. High Logan West 32 Sink
Date Collected: 08/15/2017 **Type:** Grab
Time Collected: 06:26 **Sample Matrix:** Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	26.2	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.: 170900161-017 **Location:** JR. High Logan West Drink Fount
Date Collected: 08/15/2017 **Type:** Grab
Time Collected: 06:28 **Sample Matrix:** Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	10.8	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.: 170900161-018 **Location:** JR. High Logan West Drink Fount
Date Collected: 08/15/2017 **Type:** Grab
Time Collected: 06:29 **Sample Matrix:** Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	12.2	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.: 170900161-019 **Location:** JR. High Logan West 31 Sink
Date Collected: 08/15/2017 **Type:** Grab
Time Collected: 06:31 **Sample Matrix:** Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	34.5	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-020	Location:	JR. High Logan West 31 Sink
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:32	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	9/13/17 15:55	LZ

Sample No.:	170900161-021	Location:	JR. High Logan West 33 Sink
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:35	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	6.25	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-022	Location:	JR. High Logan West 33 Sink
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:36	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	3.70	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-023	Location:	JR. High Logan West 37 Sink
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:38	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	2.81	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-024	Location:	JR. High Logan West 37 Sink
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:39	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	4.21	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-025	Location:	JR. High Logan West 39 Sink
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:41	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	9.57	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ

Sample No.:	170900161-026	Location:	JR. High Logan West 39 Sink
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:41	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	17.6	ug/L	2.0		EPA 200.8	9/13/17 15:55	LZ



CHAIN OF CUSTODY RECORD

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

Project # 170900161		Client (School/District) Name: JR. HIGH PRINCETON ELE. 115 LOGAN WEST		Specify Regulatory Program: <input checked="" type="checkbox"/> 11/PH Ph tests							
Samples Signature: I acknowledge that samples were collected in accordance with the collection instructions provided. <i>Mark Gray</i>		Contact phone number: (815) 250-2795		Analysis Required							
Print Name: MARK GRAY		email address:		*Fixture Types: 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	Lead	Date of Last Use	Time of Last Use
1-1	8/15/17	6:10	SINK	1ST. DRAW				49 SINK		8-14-17	3:30 PM
1-2	8/15/17	6:11	SINK	2ND. DRAW				49 RESTROOM SINK		8-14-17	3:30 PM
2-1	8/15/17	6:12	SINK	1ST. DRAW				49 SINK		8-14-17	3:30 PM
2-2	8/15/17	6:13	SINK	2ND. DRAW				49 RESTROOM SINK		8-14-17	3:30 PM
3-1	8/15/17	6:14	SINK	1ST. DRAW				47 SINK		8-14-17	3:30 PM
3-2	8/15/17	6:15	SINK	2ND. DRAW				47 SINK		8-14-17	3:30 PM
4-1	8/15/17	6:15	FOUNTAIN	1ST. DRAW				DRINK FOUNTAIN		8-14-17	3:30 PM
4-2	8/15/17	6:16	FOUNTAIN	2ND. DRAW				DRINK FOUNTAIN		8-14-17	3:30 PM
5-1	8/15/17	6:17	SINK	1ST. DRAW				40 SINK		8-14-17	3:30 PM
5-2	8/15/17	6:18	SINK	2ND. DRAW				40 SINK		8-14-17	3:30 PM
Relinquished By: <i>Mark Gray</i>		Date:	8/17/17	Time:	10:00	Received By:		<i>[Signature]</i>	Sampler Remarks:		
Reinquisitioned By:		Date:	8/17/17	Time:	12:00	Received By:		<i>[Signature]</i>	Address: City/State/Zip: ISBE ID: Building ID: Building Description:		
Reinquisitioned By:		Date:		Time:		Received By:			Lab Remarks: HNO3 added		
Reinquisitioned By:		Date:		Time:		Received By:			Date Forwarded: Signature:		

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"/>

Project # 170900161		Client (School/District) Name: TR. HIGH PRINCETON ELE. 115 LOGAN WEST		Specify Regulatory Program: <input checked="" type="checkbox"/> ITPH Ph test							
Samples Signature: I acknowledge that samples were collected in accordance with the collection instructions provided. <i>Mark Gray</i>		Contact phone number: (815) 250.2795		Analysis Required							
Print Name: MARK GRAY		email address:		* Fixture Types: 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	Lead	Date of Last Use	Time of Last Use
6-1	8/15/17	6:20	SINK	FIRST DRAW				38 SINK		8-14-17	3:30 PM
6-2	8/15/17	6:21	SINK	SECOND DRAW				38 SINK		8-14-17	3:30 PM
7-1	8/15/17	6:22	SINK	FIRST DRAW				34 SINK		8-14-17	3:30 PM
7-2	8/15/17	6:23	SINK	SECOND DRAW				34 SINK		8-14-17	3:30 PM
8-1	8/15/17	6:25	SINK	FIRST DRAW				32 SINK		8-14-17	3:30 PM
8-2	8/15/17	6:26	SINK	SECOND DRAW				32 SINK		8-14-17	3:30 PM
9-1	8/15/17	6:28	DF	FIRST DRAW				DRINK FOUNTAIN(E)		8-14-17	3:30 PM
9-2	8/15/17	6:29	DF	SECOND DRAW				DRINK FOUNTAIN(E)		8-14-17	3:30 PM
10-1	8/15/17	6:31	SINK	FIRST DRAW				31 SINK		8-14-17	3:30 PM
10-2	8/15/17	6:32	SINK	SECOND DRAW				31 SINK		8-14-17	3:30 PM

Relinquished By: *Mark Gray* Date: 8/17/17 Time: 10:00
 Received By: *Stephan Z...* Date: 8/17/17 Time: 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: _____

CHAIN OF CUSTODY RECORD

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



Project # 170900161		Client (School/District) Name: PRINCETON ELEMENTARY (JR, HIGH)		Analysis Required		Specific Regulatory Program: DDPH Pb test			
Samples Signature: I acknowledge that samples were collected in accordance with the collection instructions provided. Mark Gray		Contact phone/number: (815) 250-2793		Date of Last Use		Fixture Types: DF - drinking fountain WF - water cooler S - sink KS - kitchen sink IM - ice machine O - other			
Print Name: MARK GRAY		email address:		Time of Last Use					
Samp #	Collection Date	Time	Fixture Type*	Sample Type (First Draw or Flush)	pH	Matrix	Qty	Sampling Location	Lead
11-1	8/15/17	6:35	SINK	FIRST DRAW				33 SINK	8-14-17 3:30 PM
11-2	8/15/17	6:36	SINK	SECOND DRAW				33 SINK	8-14-17 3:30 PM
12-1	8/15/17	6:38	SINK	FIRST DRAW				37 SINK	8-14-17 3:30 PM
12-2	8/15/17	6:39	SINK	SECOND DRAW				37 SINK	8-14-17 3:30 PM
13-1	8/15/17	6:41	SINK	FIRST DRAW				39 SINK	8-14-17 3:30 PM
13-2	8/15/17	6:41	SINK	SECOND DRAW				39 SINK	8-14-17 3:30 PM
Relinquished By: Mark Gray		Date: 8/17/17	Time: 10:00	Received By:		Date: 8/17/17	Time: 11:00	Sampler Remarks:	
Relinquished By:		Date: 8/17/17	Time: 11:00	Received By: Jason Zure		Date: 8/17/17	Time: 12:00	Address:	
Relinquished By:		Date: / /	Time: / /	Received By:		Date: / /	Time: / /	City/State/Zip:	
Relinquished By:		Date: / /	Time: / /	Received By:		Date: / /	Time: / /	ISBE ID:	
Relinquished By:		Date: / /	Time: / /	Received By:		Date: / /	Time: / /	Building ID:	
Relinquished By:		Date: / /	Time: / /	Received By:		Date: / /	Time: / /	Building Description:	
Samples received on ice ?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Temperature of samples:		22		Lab Remarks: HNO3 added	
Samples in proper container / bottle ?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Sample containers intact ?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Date Forwarded:	
Samples received within holding time ?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Sufficient sample volume ?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Signature:	
Samples have proper preservative ?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	COC properly completed ?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		