



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: 170900163

TEST, Inc. received 28 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, flowing style.

Heather Bjork
Quality Assurance Officer



CASE NARRATIVE



2323 Fourth Street
P.O. Box 483
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CLIENT: Princeton Schools
DATE: September 19, 2017
ORDER NUMBER: 170900163

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.: 170900163
P.O. No.: G2966398
Date Received: 08/17/2017
Collected by: Client
Report Date: 09/19/2017

Laboratory Results

Sample No.: 170900163-001	Location: Lincoln DF East
Date Collected: 08/15/2017	Type: Grab
Time Collected: 05:30	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.: 170900163-002	Location: Lincoln DF East
Date Collected: 08/15/2017	Type: Grab
Time Collected: 05:31	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.: 170900163-003	Location: Lincoln Room 11 Bathroom Sink
Date Collected: 08/15/2017	Type: Grab
Time Collected: 05:39	Sample Matrix: Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	15.4	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.: 170900163-004	Location: Lincoln Room 11 Bathroom Sink
Date Collected: 08/15/2017	Type: Grab
Time Collected: 05:40	Sample Matrix: Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	7.30	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-005	Location:	Lincoln Room 12
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	05:43	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	601	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-006	Location:	Lincoln Room 12
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	05:44	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	1790	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-007	Location:	Lincoln Room 10
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	05:46	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	2.01	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-008	Location:	Lincoln Room 10
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	05:47	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	3.16	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-009	Location:	Lincoln Room 9
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	05:49	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	5.15	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-010	Location:	Lincoln Room 9
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	05:50	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	7.75	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-011	Location:	Lincoln Room 4
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	05:52	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	12.4	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-012	Location:	Lincoln Room 4
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	05:53	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	7.28	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-013	Location:	Lincoln Room 8
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	05:55	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.:	170900163-014	Location:	Lincoln Room 8
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	05:56	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.:	170900163-015	Location:	Lincoln Room 7
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	05:58	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	4.01	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-016	Location:	Lincoln Room 7
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	05:59	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	7.39	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-017	Location:	Lincoln Room 6
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:02	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	5.26	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-018	Location:	Lincoln Room 6
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:03	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	13.8	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-019	Location:	Lincoln Room 2
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:07	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	6.16	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-020	Location:	Lincoln Room 2
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:08	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	5.01	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-021	Location:	Lincoln Room 1
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	3.78	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-022	Location:	Lincoln Room 1
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	3.75	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-023	Location:	Lincoln Room 5
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	2.61	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-024	Location:	Lincoln Room 5
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	4.14	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-025	Location:	Lincoln Kitchen
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	8.90	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-026	Location:	Lincoln Kitchen
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:18	Sample Matrix:	Drinking Water

Laboratory Test	Tested Value	Test Units	Detection Limit	Qualifier	Test Method	Date of Analysis	Analyst
Lead, Total/ug	59.5	ug/L	2.0		EPA 200.8	9/15/17 15:20	LZ

Sample No.:	170900163-027	Location:	Lincoln DF West
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:19	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.:	170900163-028	Location:	Lincoln DF West
Date Collected:	08/15/2017	Type:	Grab
Time Collected:	06:21	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



CHAIN OF CUSTODY RECORD

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

Project # 170900163	Client (School/District) Name: PRINCETON ELE 115 (LINCOLN)	Specify Regulatory Program: <input type="checkbox"/> DPH Pb tests <input checked="" type="checkbox"/> *Fixture Types: DF - drinking fountain WF - water cooler S - sink KS - kitchen sink IM - ice machine O - other	Analysis Required								
Samples Signature: I acknowledge that samples were collected in accordance with the collection instructions provided. Mark Gray		Contact phone number: (815) 250-2795									
Print Name: MARK GRAY		email address:									
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
10-1	8/15/17	5:30	DF	1ST DRAW				DF EAST	8-14-17	3:30	
10-2	8/15/17	5:31	DF	2ND DRAW				DF EAST	8-14-17	3:30	
12-1	8/15/17	5:39	SINK	1ST DRAW				BATHROOM SINK	8-14-17	3:30	
12-2	8/15/17	5:40	SINK	2ND DRAW				ROOM 11 BATHROOM SINK	8-14-17	3:30	
7-1	8/15/17	5:43	SINK	1ST DRAW				ROOM 12	8-14-17	3:30	
7-2	8/15/17	5:44	SINK	2ND DRAW				ROOM 12	8-14-17	3:30	
8-1	8/15/17	5:46	SINK	1ST DRAW				ROOM 10	8-14-17	3:30	
8-2	8/15/17	5:47	SINK	2ND DRAW				ROOM 10	8-14-17	3:30	
1	1	:	:	:							
1	1	:	:	:							
Relinquished By: Mark Gray		Date: 8/17/17 Time: 10:00		Received By: [Signature]		Date: 8/17/17 Time: 12:00		Sampler Remarks:			
Relinquished By:		Date: 8/17/17 Time: 12:00		Received By: [Signature]		Date: 8/17/17 Time: 12:00		Address:			
Relinquished By:		Date: 8/17/17 Time: 12:00		Received By:		Date: 8/17/17 Time: 12:00		City/State/Zip			
Relinquished By:		Date: 8/17/17 Time: 12:00		Received By:		Date: 8/17/17 Time: 12:00		ISBE ID:			
Relinquished By:		Date: 8/17/17 Time: 12:00		Received By:		Date: 8/17/17 Time: 12:00		Building ID:			
Relinquished By:		Date: 8/17/17 Time: 12:00		Received By:		Date: 8/17/17 Time: 12:00		Building Description:			
Lab use only											
Samples received on ice ?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Temperature of samples: 22 °C		Sample containers intact ?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Date Forwarded:	
Samples in proper container / bottle ?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Sufficient sample volume ?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Signature:			
Samples received within holding time ?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		COC properly completed ?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Samples have proper preservative ?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>									



CHAIN OF CUSTODY RECORD

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Project # 170900163		Client (School/District) Name: PRINCETON ELE. 115 (LINCOLN)		Specify Regulatory Program: <input checked="" type="checkbox"/> DPH Ph test							
Samples Signature: I acknowledge that samples were collected in accordance with the collection instructions provided. Mark Gray		Contact phone number: (815) 250-2795		• Fixture Types: DF - drinking fountain WF - water cooler S - sink KS - kitchen sink IM - ice machine O - other							
Print Name: MARK GRAY		email address:		Analysis Required							
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
9-1	8/15/17	5:49	SINK	1ST DRAW				ROOM 9		8-14-17	3:30
9-2	8/15/17	5:50	SINK	2ND DRAW				ROOM 9		8-14-17	3:30
4-1	8/15/17	5:52	SINK	1ST DRAW				ROOM 4		8-14-17	3:30
4-2	8/15/17	5:53	SINK	2ND DRAW				ROOM 4		8-14-17	3:30
5-1	8/15/17	5:55	SINK	1ST DRAW				ROOM 8		8-14-17	3:30
5-2	8/15/17	5:56	SINK	2ND DRAW				ROOM 8		8-14-17	3:30
6-1	8/15/17	5:58	SINK	1ST DRAW				ROOM 7		8-14-17	3:30
6-2	8/15/17	5:59	SINK	2ND DRAW				ROOM 7		8-14-17	3:30
3-1	8/15/17	6:02	SINK	1ST DRAW				ROOM 6		8-14-17	3:30
3-2	8/15/17	6:03	SINK	2ND DRAW				ROOM 6		8-14-17	3:30
Relinquished By: Mark Gray		Date:	8/17/17	Time:	10:00	Received By:		[Signature]		Sampler Remarks:	
Relinquished By:		Date:	8/17/17	Time:	12:00	Received By:		[Signature]		Address:	
Relinquished By:		Date:		Time:		Received By:				City/State/Zip:	
Relinquished By:		Date:		Time:		Received By:				ISBE ID:	
Relinquished By:		Date:		Time:		Received By:				Building ID:	
Relinquished By:		Date:		Time:		Received By:				Building Description:	
Samples received on ice ?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Temperature of samples:	22	°C		Lab Remarks:		H N63 added	
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"/>		Date Forwarded:		Signature:	
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"/>					



CHAIN OF CUSTODY RECORD

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Project # 170900163		Client (School/District) Name: PRINCETON ELE. 115 (LINCLN)		Analysis Required		Specialty Regulatory Program: <input checked="" type="checkbox"/> IDPH Ph 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. <i>Mark Gray</i>		Contact phone number: (815) 280-2795		Lead					
Print Name: MARK GRAY		e-mail address:		Date of Last Use		Time of Last Use			
Samp #	Collection Date	Time	Fixture Type*	Sample Type (Flush Draw or Flush)	pH	Matrix	QTY	Sampling Location	
2-1	8/15/17	6:07	SINK	1ST DRAW				ROOM 2	
2-2	8/15/17	6:08	SINK	2ND DRAW				ROOM 2	
12-1	8/15/17	6:11	SINK	1ST DRAW				ROOM 1	
12-2	8/15/17	6:12	SINK	2ND DRAW				ROOM 1	
11-1	8/15/17	6:14	SINK	1ST DRAW				ROOM 5	
11-2	8/15/17	6:15	SINK	2ND DRAW				ROOM 5	
13-1	8/15/17	6:17	SINK	1ST DRAW				KITCHEN	
13-2	8/15/17	6:18	SINK	2ND DRAW				KITCHEN	
16-1	8/15/17	6:19	DF	1ST DRAW				D.F. (WEST)	
16-2	8/15/17	6:21	DF	2ND DRAW				D.F. (WEST)	
Relinquished By: <i>Mark Gray</i>		Date: 8/17/17		Time: 10:08		Received By: <i>[Signature]</i>		Date: 8/17/17	
Relinquished By:		Date: 8/17/17		Time: 12:00		Received By: <i>[Signature]</i>		Date: 8/17/17	
Relinquished By:		Date:		Time:		Received By:		Date:	
Relinquished By:		Date:		Time:		Received By:		Date:	
Address:		City/State/Zip:		ISBE ID:		Building ID:		Building Description:	
Lab Remarks:		Date Forwarded:		Signature:		Sampler Remarks:			

Lab use only

Samples received on ice? Yes No Temperature of samples: **20** °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