

October 11, 2017

Ms. Lori Ade
Pana CUSD #8
14 East Main Street
Pana, Illinois 62557

SUBJECT: RESULTS OF LEAD WATER TESTING

LOCATION: Washington School; 200 South Sherman; Pana, IL
Courtice|Grason LLC Project Number 2456

Because Quality Costs Less

Offering:

- Facility Assessments
- Building and Structure Evaluations
- Site Characterizations
- Geotechnical Borings
- Contamination Borings
- Phase I Environmental Assessments
- Phase II Environmental Assessments
- Site Remediation and Restoration
- PCB Transformer Removal
- Demolition / Asbestos Services
- Sanity Sewer Monitoring and Flow Analysis
- Waste / Drum Management

Dear Ms. Ade:

Courtice|Grason, LLC (CG) is in receipt of the drinking water test results for the Washington Elementary School in Pana. In a Memorandum dated January 31, 2017 to the Illinois State Board of Education, the Illinois Department of Public Health (IDPH) has mandated that all Pre-K thru Grade 5 Schools test for *lead (pb)* in water in the following locations: all *drinking water fountains*, all *classroom sinks*, and all sources of water used for *cooking and food preparation*. In accordance with this directive, the Washington School was tested September 12, 2017. The tests results, received October 11, 2017, are presented in the attached Laboratory Report prepared by Prairie Analytical Systems, Inc.

Based on the Laboratory Report, *lead (pb)* above 5 parts per billion (ppb) was reported in 6 out of the 7 drinking water fountains in the school. With respect to classroom sinks, *lead (pb)* was detected above 5 ppm in 3 out of the 3 sinks. With respect to the kitchen, the **cold-faucet on the dishwasher** and the **hand-sink on the west wall** exceeded 5 ppb. The following action is recommended.

1. Within 7 business days of receipt of the Laboratory Report, email all test results to IDPH at DPH.LeadH2O@illinois.gov (the results have to be submitted in an Excel-Template Spread Sheet).
2. Notify parents in writing of the location and sources exceeding 5 ppb, and link to the USEPA website at <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>.
3. Restricting access at locations exceeding the 5 ppb until a Water Quality Program is implemented.

Very truly yours,

COURTICE|GRASON

C to Bowman no

Courtice F. Bowman, P.E.
Illinois Department of Public Health License No. 100-04103; Expires 05/30/18

attachments: Laboratory Report
Description and Location of Elevated Lead in Water

**DESCRIPTION OF
ELEVATED LEAD IN WATER SOURCES**

District:	Pana CUSD #8	Date of Testing:	09/12/2017
School:	Washington Elementary School	Date of Lab Report:	10/11/2017
Location:	200 South Sherman; Pana, IL 62557	Date Reported:	10/11/2017

<u>Sample Number</u>	<u>Fixture Location</u>	<u>Result (ppb)</u>	<u>Action</u>
WE-0101 (DW)	1st Floor: SE Drinking Fountain	48.0, 73.8 (A, B)	Shut Down
WE-0201 (CW)	1st Floor: Art Room Sink	29.7, 65.1 (A, B)	Shut Down
WE-0202 (HW)	1st Floor: Art Room Sink	56.4, 45.2 (A, B)	Shut Down
WE-0301 (CW)	1st Floor: Classroom #3 Prep Sink	227, 77.8 (A, B)	Shut Down
WE-0401 (DW)	1st Floor: NE Drinking Fountain	4.75, 14.4 (A, B)	Shut Down
WE-0501 (DW)	2nd Floor: NE Drinking Fountain	7.16, 7.59 (A, B)	Shut Down
WE-0601 (DW)	2nd Floor: SE Drinking Fountain	59.7, 65.9 (A, B)	Shut Down
WE-0701 (DW)	3rd Floor: SE Drinking Fountain	57.0, 67.7 (A, B)	Shut Down
WE-0801 (DW)	3rd Floor: NE Drinking Fountain	4.95, 6.08 (A, B)	Shut Down
WE-1101 (CW)	Kitchen: Hand Sink on West Wall	11.3, 3.81 (A, B)	Clean+Sign+HW
WE-1102 (HW)	Kitchen: Hand Sink on West Wall	22.4, 3.83 (A, B)	Clean+Sign+HW
WE-1201 (CW)	Kitchen: Dishwasher Hose	7.28, UD (A, B)	Clean+Sign+DW
WE-1202 (HW)	Kitchen: Dishwasher Hose	3.00, UD (A, B)	Clean+Sign+DW
WE-1301 (CW)	1st Floor: Multi-Use Room Sink	47.8, 109 (A, B)	Shut Down
WE-1302 (HW)	1st Floor: Multi-Use Room Sink	74.7, 69.1 (A, B)	Shut Down

NOTATIONS: → CW = Cold Water Side of Faucet A = First Draw Sample
 HW = Hot Water Side of Faucet B = 30 Second Flush Sample
 DW = Drinking Water HW = Hand Wash Only
 UD = Undetected DW = Dish Wash Only

October 11, 2017

Ms. Lori Ade
Pana CUSD #8
14 East Main Street
Pana, Illinois 62557

SUBJECT: RESULTS OF LEAD WATER TESTING

LOCATION: Lincoln School; 614 East 2nd Street; Pana, IL
Courtice|Grason LLC Project Number 2456

Because Quality Costs Less

Offering:

- Facility Assessments
- Building and Structure Evaluations
- Site Characterizations
- Geotechnical Borings
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- Phase II Environmental Assessments
- Site Remediation and Restoration
- PCB Transformer Removal
- Demolition / Asbestos Services
- Sanity Sewer Monitoring and Flow Analysis
- Waste / Drum Management

Dear Ms. Ade:

Courtice|Grason, LLC (CG) is in receipt of the drinking water test results for the Lincoln Elementary School in Pana. In a Memorandum dated January 31, 2017 to the Illinois State Board of Education, the Illinois Department of Public Health (IDPH) has mandated that all Pre-K thru Grade 5 Schools test for *lead (pb)* in water in the following locations: all *drinking water fountains*, all *classroom sinks*, and all sources of water used for *cooking and food preparation*. In accordance with this directive, the Lincoln School was tested September 13, 2017. The tests results, received October 11, 2017, are presented in the attached Laboratory Report prepared by Prairie Analytical Systems, Inc.

Based on the Laboratory Report, *lead (pb)* above 5 parts per billion (ppb) was reported in 4 out of the 7 drinking water fountains in the school. With respect to classroom sinks, *none were present to sample*. With respect to the kitchen, the **hot-faucet on the dishwasher** exceeded 5 ppb. The following action is recommended.

1. Within 7 business days of receipt of the Laboratory Report, email all test results to IDPH at DPH.LeadH2O@illinois.gov (the results have to be submitted in an Excel-Template Spread Sheet).
2. Notify parents in writing of the location and sources exceeding 5 ppb, and link to the USEPA website at <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>.
3. Restricting access at locations exceeding the 5 ppb until a Water Quality Program is implemented.

Very truly yours,

COURTICE|GRASON

C F Bowman Pro

Courtice F. Bowman, P.E.
Illinois Department of Public Health License No. 100-04103; Expires 05/30/18

attachments: Laboratory Report
Description and Location of Elevated Lead in Water

**DESCRIPTION OF
ELEVATED LEAD IN WATER SOURCES**

District:	Pana CUSD #8	Date of Testing:	09/13/2017
School:	Lincoln Elementary School	Date of Lab Report:	10/11/2017
Location:	614 East 2nd Street; Pana, IL 62557	Date Reported:	10/11/2017

<u>Sample Number</u>	<u>Fixture Location</u>	<u>Result (ppb)</u>	<u>Action</u>
LE-0101 (DW)	1st Floor: SW Drinking Fountain	2.00, 7.94 (A, B)	Shut Down
LE-0201 (DW)	1st Floor: SE Drinking Fountain	30.8, 48.7 (A, B)	Shut Down
LE-0301 (DW)	2nd Floor: SE Drinking Fountain	33.7, 58.6 (A, B)	Shut Down
LE-0601 (DW)	3rd Floor: SE Drinking Fountain	50.1, 36.4 (A, B)	Shut Down
LE-1001 (CW)	Kitchen: Dishwasher Hose	UD, UD (A, B)	Clean+Sign+DW
LE-1002 (HW)	Kitchen: Dishwasher Hose	7.68, UD (A, B)	Clean+Sign+DW

NOTATIONS: → CW = Cold Water Side of Faucet A = First Draw Sample
HW = Hot Water Side of Faucet B = 30 Second Flush Sample
DW = Drinking Water
UD = Undetected
DW = Dish Wash Only

October 11, 2017

Ms. Lori Ade
Pana CUSD #8
14 East Main Street
Pana, Illinois 62557

SUBJECT: RESULTS OF LEAD WATER TESTING

LOCATION: Junior High School; 203 West 8th Street; Pana, IL
Courtice|Grason LLC Project Number 2456

Because Quality Costs Less

Offering:

- Facility Assessments
- Building and Structure Evaluations
- Site Characterizations
- Geotechnical Borings
- Contamination Borings
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- Phase II Environmental Assessments
- Site Remediation and Restoration
- PCB Transformer Removal
- Demolition / Asbestos Services
- Sanity Sewer Monitoring and Flow Analysis
- Waste / Drum Management

Dear Ms. Ade:

Courtice|Grason, LLC (CG) is in receipt of the drinking water test results for the Junior High School in Pana. In a Memorandum dated January 31, 2017 to the Illinois State Board of Education, the Illinois Department of Public Health (IDPH) has mandated that all Pre-K thru Grade 5 Schools test for *lead (pb)* in water in the following locations: all *drinking water fountains*, all *classroom sinks*, and all sources of water used for *cooking and food preparation*. In accordance with this directive, the Junior High School was tested September 14, 2017. The tests results, received October 11, 2017, are presented in the attached Laboratory Report prepared by Prairie Analytical Systems, Inc.

Based on the Laboratory Report, **4** out of the **4** drinking water fountains sampled in the school had *lead (pb)* below 5 parts per billion (ppb). With respect to classroom sinks, *lead (pb)* was detected above 5 ppm in **19** out of the **21** sinks. With respect to the kitchen, the **cold-faucet on the dishwasher** and the **hand-sink on the east wall** exceeded 5 ppb. The following action is recommended.

1. Within 7 business days of receipt of the Laboratory Report, email all test results to IDPH at DPH.LeadH2O@illinois.gov (the results have to be submitted in an Excel-Template Spread Sheet).
2. Notify parents in writing of the location and sources exceeding 5 ppb, and link to the USEPA website at <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>.
3. Restricting access at locations exceeding the 5 ppb until a Water Quality Program is implemented.

Very truly yours,

COURTICE|GRASON

C to Bowman no

Courtice F. Bowman, P.E.
Illinois Department of Public Health License No. 100-04103; Expires 05/30/18

attachments: Laboratory Report
Description and Location of Elevated Lead in Water

**DESCRIPTION OF
ELEVATED LEAD IN WATER SOURCES**

District:	Pana CUSD #8	Date of Testing:	09/14/2017
School:	Junior High School	Date of Lab Report:	10/11/2017
Location:	203 West 8th Street; Pana, IL 62557	Date Reported:	10/11/2017

<u>Sample Number</u>	<u>Fixture Location</u>	<u>Result (ppb)</u>	<u>Course of Action</u>
JH-0501 (CW)	Room 19 (Art): Southeast Sink	9.24, UD (A, B)	Replace+Sign+HW Shut Down
JH-0502 (HW)	Room 19 (Art): Southeast Sink	10.0, 3.83 (A, B)	
JH-0601 (CW)	Room 19 (Art): Northeast Sink	5.63, UD (A, B)	Shut Down
JH-0602 (HW)	Room 19 (Art): Northeast Sink	18.5, 2.24 (A, B)	Shut Down
JH-0701 (CW)	Room 19: (Art) Northwest Sink	23.5, 8.74 (A, B)	Shut Down
JH-0702 (HW)	Room 19: (Art) Northwest Sink	61.1, 6.01 (A, B)	Shut Down
JH-0801 (CW)	Room 11: East Sink	13.4, 3.99 (A, B)	Replace+Sign+HW Replace+Sign+HW
JH-0802 (HW)	Room 11: East Sink	90.4, 33.0 (A, B)	
JH-0901 (CW)	Room 11: North Sink	389, 33.2 (A, B)	Shut Down
JH-0902 (HW)	Room 11: North Sink	157, 88.5 (A, B)	Shut Down
JH-1101 (CW)	Library: East Sink	6.29, UD (A, B)	Clean+Sign+HW
JH-1102 (HW)	Library: East Sink	4.06, 2.23 (A, B)	Clean+Sign+HW
JH-1201 (CW)	Kitchen: Dishwasher Sink	14.5, 2.46 (A, B)	Shut Down
JH-1202 (HW)	Kitchen: Dishwasher Sink	2.63, UD (A, B)	Shut Down
JH-1401 (CW)	Kitchen: Hand Sink East Wall	15.6, 2.34 (A, B)	Shut Down
JH-1402 (HW)	Kitchen: Hand Sink East Wall	UD, UD (A, B)	Shut Down
JH-1601 (CW)	Room 11: Student Sink #1 (SE)	58.4, 23.4 (A, B)	Shut Down
JH-1701 (CW)	Room 11: Student Sink #2 (SW)	186, 21.8 (A, B)	Shut Down
JH-1801 (CW)	Room 11: Student Sink #3 (ME)	125, 2.24 (A, B)	Shut Down
JH-1901 (CW)	Room 11: Student Sink #4 (M)	86.6, 7.67 (A, B)	Shut Down
JH-2001 (CW)	Room 11: Student Sink #5 (MW)	69.4, 3.04 (A, B)	Shut Down
JH-2101 (CW)	Room 11: Student Sink #6 (NE)	59.3, 3.02 (A, B)	Shut Down

