

ADAIR COUNTY R-II SCHOOL

"Educating, Empowering, and Preparing Students for Success"

205 West Dewey Street

Brashear, Missouri 63533

Telephone: (660) 323-5272 Fax: (660) 323-5250

JOSH BRUMMIT
Superintendent



CODY MOORE
K-12 Principal

Dear Patrons,

In order to be compliant with the Missouri law known as the "Get the Lead out of School Drinking Water Act", our School District conducted sampling and testing of all potential drinking water sources in the school on December 5th, 2023. The results of the water testing are included in this email.

The process for us to be in compliance began in the summer of 2023. The school hired the company, Get The Lead Out. Representatives from the company came and inspected our water supply lines and it was determined that we needed to preemptively replace a portion of those lines. Our High School Gym is the oldest portion of our building and was built in 1963, so we started there. We replaced the waterline that runs under the stage continuing under the Gym floor into the area under the bleachers. Under the bleachers, we replaced the water heater and ran all new lines to the locker room showers. From under the bleachers, we ran a new water line to the water fountain on the South end of the Gym.

The other major area of renovations occurred in the Kitchen. The Kitchen was fed from the high school hallway originating in the high school gym. The Kitchen was the last destination for water on the old line. To give ourselves the best possible outcome, we disconnected the Kitchen from the old line and connected it to our Elementary supply line which is our newest water source. We replaced all the lines in the Kitchen including two new water heaters and all new fixtures. We then ran a line from the Kitchen, over the Cafeteria, into the high school hallway to the water fountain so that it would be on a new waterline as well.

In all, we spent over \$41,000 on renovations to our water supply lines and outlets. Our goal for the work completed during the summer was to clear our food preparation areas and all of our drinking water fixtures. We were successful in meeting that goal. We have handwashing sinks and showers that are out of compliance. We will continue to test and remediate as necessary to meet the new standards.

If you have questions or concerns, please feel free to reach out to me.

Sincerely,
Josh Brummit
Superintendent



Lead Testing Initial Test Results

We received the results from the first round of lead testing. In accordance with statute, these results are being communicated to parents and staff.

Total test points sampled—67

- Total samples with lead detected—35 (52.2%)
- Total samples above the action level of 5 parts per billion (ppb)—29 (43.3%)
- See Lab sheet for individual results; ND is none detected.

Immediate actions:

In accordance with guidance from the EPA, the affected faucets or outlets should have signage placed to indicate it is non-potable, not for drinking, or washing dishes. This signage can be temporary since testing is still in progress to localize the source of lead contaminants.

Next steps:

Follow up flush samples will be collected per EPA and DHSS testing guidelines.

Health:

Adair County Health Department

adair.lphamo.org 1001 Jamison St, Kirksville, MO 63501 (660) 665-8491

Additional information and resources on the health effects of lead contamination are available here:

<https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water#health>



Basic Information about Lead in Drinking Water | US EPA

Questions and answers about lead in drinking water -- health effects, EPA regulations etc.

www.epa.gov

Lab report and flush sampling plan are available on the school website.

Testing criteria:



Each sample was tested for total lead content which includes dissolved and particulate. The elevated level is defined as a level of lead \geq 5ppb. Sampling was conducted per EPA test guidelines by initial draw after stagnation (periods of non-use that exceed eight hours). This manner of testing is the first step in localization and is paired with follow-up flush testing to further localize the source of any elevated levels.

Explanation of results:

-The initial sample test is used to determine if there is an appreciable amount of lead; more than 5ppb present in the outlet being tested.

-The lab report shows that 29 outlets (test points) have lead Above 5ppb, being leached into the water during the mandatory stagnation period.

-Follow-up flush samples will be conducted to determine the source of the contaminants. The flush test point plan lists the test point and the noun nomenclature for reference.

Remediation:

These are efforts to mitigate and correct the levels of lead to which children and staff are exposed: The remediation plan will be posted when follow-up flush testing results are received and fiduciary constraints as well as maintenance availability have been considered.

Follow-up Flush Plan for Adair County

Initial	Flush	Remedial	Location
13.2			KITCHEN HAND SINK
39.1			SCIENCE RIGHT TO LEFT 1ST SET HAND SINK ON LEFT
30.5			SCIENCE RIGHT TO LEFT 1ST SET HAND SINK ON RIGHT
31.2			SCIENCE RIGHT TO LEFT 2ND SET HAND SINK ON LEFT
21.9			SCIENCE RIGHT TO LEFT 2ND SET HAND SINK ON RIGHT
31.6			SCIENCE RIGHT TO LEFT 3RD SET HAND SINK ON LEFT
30.1			SCIENCE RIGHT TO LEFT 3RD SET HAND SINK ON RIGHT
41.2			SCIENCE RIGHT TO LEFT 4TH SET HAND SINK ON LEFT
44.1			SCIENCE RIGHT TO LEFT 4TH SET HAND SINK ON RIGHT
41.2			SCIENCE RIGHT TO LEFT 5TH SET HAND SINK ON LEFT
45.6			SCIENCE RIGHT TO LEFT 5TH SET HAND SINK ON RIGHT
12.8			303 LANGUAGE ARTS FOOD PREP SINK
15.4			304 GIRLS RR SINK ON RIGHT
10.4			304 GIRLS RR SINK ON LEFT
9.18			300 BOYS RR SINK ON LEFT
10.8			300 BOYS RR SINK ON RIGHT
32.9			425 LOCKER SHOWER ON RIGHT



**GET THE
LEAD OUT**

36.2			425 LOCKER SHOWER IN MIDDLE
42.6			425 LOCKER SHOWER ON LEFT
33.2			426 LOCKER SHOWER ON RIGHT
49.7			426 LOCKER SHOWER IN MIDDLE
38.3			426 LOCKER SHOWER ON LEFT
51.6			419 LOCKER SHOWER ON RIGHT
52.2			419 LOCKER SHOWER IN MIDDLE
41.8			419 LOCKER SHOWER ON LEFT
32.5			418 LOCKER SHOWER ON RIGHT
15			418 LOCKER SHOWER IN MIDDLE
19.5			418 LOCKER SHOWER ON LEFT
11			412 ART HAND SINK ON LEFT



120 East Davis Street
Fayette, MO 65248-1405
(660) 248-1911
www.inovatia.com

Date: 1/23/2024

RE: Drinking Water Lead Analysis
Facility: Adair Co R-II

Date Received: 12/06/24
Time Received: N/A
Relinquished by: Angie Moore
Sampler: Angie Moore

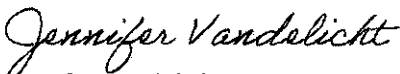
Chain of Custody Number: Pb-0157

Enclosed please find results for the sample(s) received as described above. The values reported are in conformance with internal and method quality control guidelines.

If you have questions or need more information, please contact us.

Thank you for your interest in working with Inovatia Laboratories.

Sincerely,


Jennifer Vandelicht
Quality Assurance

Note: Testing Performed by NELAC Facility E87688

Enclosures:
Chain of Custody Record(s)



Analysis Report

Total Lead by ICP-MS

Chain of Custody: Pb-0157
Facility: Adair Co R-II

Sample Matrix: Water
Method of Analysis: EPA 200.8

Laboratory Number	Customer Sample Number	Date Collected	Sample Type	Result ug/L (ppb)	Reporting Limit
Pb-0157-001	ADCO-103B-JAN-CLST-MS-MTP-PS-001	12/5/2023	Draw	ND	1.0
Pb-0157-002	ADCO-103HALL-LTR-HS1-PS-002	12/5/2023	Draw	ND	1.0
Pb-0157-003	ADCO-103HALL-LTR-HS2-PS-003	12/5/2023	Draw	ND	1.0
Pb-0157-004	ADCO-103HALL-LTR-HS3-PS-004	12/5/2023	Draw	ND	1.0
Pb-0157-005	ADCO-103HALL-LTR-HS4-PS-005	12/5/2023	Draw	ND	1.0
Pb-0157-006	ADCO-103HALL-DF PS-006	12/5/2023	Draw	ND	1.0
Pb-0157-007	ADCO-103HALL-DW PS-007	12/5/2023	Draw	ND	1.0
Pb-0157-008	ADCO-111B-SHOP-HS PS-008	12/5/2023	Draw	ND	1.0
Pb-0157-009	ADCO-203HALL-DF PS-009	12/5/2023	Draw	ND	1.0
Pb-0157-010	ADCO-203HALL-DW PS-010	12/5/2023	Draw	ND	1.0
Pb-0157-011	ADCO-206-HS PS-011	12/5/2023	Draw	ND	1.0
Pb-0157-012	ADCO-207-NRS-RRF PS-012	12/5/2023	Draw	ND	1.0
Pb-0157-013	ADCO-209-OFF-HS PS-013	12/5/2023	Draw	ND	1.0
Pb-0157-014	ADCO-209-OFF-RRF PS-014	12/5/2023	Draw	ND	1.0
Pb-0157-015	ADCO-KITCH-IM-DW PS-015	12/5/2023	Draw	ND	1.0
Pb-0157-016	ADCO-KITCH-SC PS-016	12/5/2023	Draw	ND	1.0
Pb-0157-017	ADCO-KITCH-DSH PS-017	12/5/2023	Draw	ND	1.0
Pb-0157-018	ADCO-KITCH-HS PS-018	12/5/2023	Draw	13.2	1.0
Pb-0157-019	ADCO-315HALL-RRFGL PS-019	12/5/2023	Draw	ND	1.0
Pb-0157-020	ADCO-315HALL-RRFGR PS-020	12/5/2023	Draw	ND	1.0
Pb-0157-021	ADCO-315HALL-RRFBR PS-021	12/5/2023	Draw	ND	1.0
Pb-0157-022	ADCO-315HALL-RRFBL PS-022	12/5/2023	Draw	ND	1.0
Pb-0157-023	ADCO-315HALL-DF PS-023	12/5/2023	Draw	ND	1.0
Pb-0157-024	ADCO-315HALL-DW PS-024	12/5/2023	Draw	ND	1.0
Pb-0157-025	ADCO-313-JAN-CLST-MS-MTP PS-025	12/5/2023	Draw	ND	1.0
Pb-0157-026	ADCO-SCI-RTL-1ST-HSL PS-026	12/5/2023	Draw	39.1	1.0
Pb-0157-027	ADCO-SCI-RTL-1ST-HSR PS-027	12/5/2023	Draw	30.5	1.0
Pb-0157-028	ADCO-SCI-RTL-2ND-HSL PS-028	12/5/2023	Draw	31.2	1.0
Pb-0157-029	ADCO-SCI-RTL-2ND-HSR PS-029	12/5/2023	Draw	21.9	1.0
Pb-0157-030	ADCO-SCI-RTL-3RD-HSL PS-030	12/5/2023	Draw	31.6	1.0
Pb-0157-031	ADCO-SCI-RTL-3RD-HSR PS-031	12/5/2023	Draw	30.1	1.0
Pb-0157-032	ADCO-SCI-RTL-4TH-HSL PS-032	12/5/2023	Draw	41.2	1.0
Pb-0157-033	ADCO-SCI-RTL-4TH-HSR PS-033	12/5/2023	Draw	44.1	1.0
Pb-0157-034	ADCO-SCI-RTL-5TH-HSL PS-034	12/5/2023	Draw	41.2	1.0
Pb-0157-035	ADCO-SCI-RTL-5TH-HSR PS-035	12/5/2023	Draw	45.6	1.0
Pb-0157-036	ADCO-309B-LIB-FP PS-036	12/5/2023	Draw	1.36	1.0

This report has been produced for the exclusive and confidential use of our clients. Reference to the analyses, the results, or the company is prohibited without obtaining prior written consent.



Analysis Report

Total Lead by ICP-MS

Chain of Custody: Pb-0157

Facility: Adair Co R-II

Sample Matrix: Water

Method of Analysis: EPA 200.8

Laboratory Number	Customer Sample Number	Date Collected	Sample Type	Result ug/L (ppb)	Reporting Limit
Pb-0157-037	ADCO-303-LANG-FP PS-037	12/5/2023	Draw	12.8	1.0
Pb-0157-038	ADCO-304-RRFGR PS-038	12/5/2023	Draw	15.4	1.0
Pb-0157-039	ADCO-304-RRFGL PS-039	12/5/2023	Draw	10.4	1.0
Pb-0157-040	ADCO-304HALL-DF PS-040	12/5/2023	Draw	ND	1.0
Pb-0157-041	ADCO-304HALL-DW PS-041	12/5/2023	Draw	ND	1.0
Pb-0157-042	ADCO-300-RRFBL PS-042	12/5/2023	Draw	9.18	1.0
Pb-0157-043	ADCO-300-RRFBR PS-043	12/5/2023	Draw	10.8	1.0
Pb-0157-044	ADCO-425-LKR-SHR PS-044	12/5/2023	Draw	32.9	1.0
Pb-0157-045	ADCO-425-LKR-SHR-MTP PS-045	12/5/2023	Draw	2.13	1.0
Pb-0157-046	ADCO-425-LKR-SHM PS-046	12/5/2023	Draw	36.2	1.0
Pb-0157-047	ADCO-425-LKR-SHL PS-047	12/5/2023	Draw	42.6	1.0
Pb-0157-048	ADCO-425-LKR-RRF PS-048	12/5/2023	Draw	1.09	1.0
Pb-0157-049	ADCO-426-LKR-RRF PS-049	12/5/2023	Draw	ND	1.0
Pb-0157-050	ADCO-426-LKR-SHR PS-050	12/5/2023	Draw	33.2	1.0
Pb-0157-051	ADCO-426-LKR-SHM PS-051	12/5/2023	Draw	49.7	1.0
Pb-0157-052	ADCO-426-LKR-SHL PS-052	12/5/2023	Draw	38.3	1.0
Pb-0157-053	ADCO-GYM-RRFGR PS-053	12/5/2023	Draw	ND	1.0
Pb-0157-054	ADCO-GYM-RRFGL PS-054	12/5/2023	Draw	ND	1.0
Pb-0157-055	ADCO-GYM-RRFBR PS-055	12/5/2023	Draw	ND	1.0
Pb-0157-056	ADCO-GYM-RRFBL PS-056	12/5/2023	Draw	ND	1.0
Pb-0157-057	ADCO-GYM-DF PS-057	12/5/2023	Draw	ND	1.0
Pb-0157-058	ADCO-419-LKR-RRF PS-058	12/5/2023	Draw	1.82	1.0
Pb-0157-059	ADCO-419-LKR-SHR PS-059	12/5/2023	Draw	51.6	1.0
Pb-0157-060	ADCO-419-LKR-SHM PS-060	12/5/2023	Draw	52.2	1.0
Pb-0157-061	ADCO-419-LKR-SHL PS-061	12/5/2023	Draw	41.8	1.0
Pb-0157-062	ADCO-418-LKR-RRF PS-062	12/5/2023	Draw	1.43	1.0
Pb-0157-063	ADCO-418-LKR-SHR PS-063	12/5/2023	Draw	32.5	1.0
Pb-0157-064	ADCO-418-LKR-SHM PS-064	12/5/2023	Draw	15.0	1.0
Pb-0157-065	ADCO-418-LKR-SHL PS-065	12/5/2023	Draw	19.5	1.0
Pb-0157-066	ADCO-412-ART-HSR PS-066	12/5/2023	Draw	1.86	1.0
Pb-0157-067	ADCO-412-ART-HSL PS-067	12/5/2023	Draw	11.0	1.0

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120 East Davis Street
 Fayette, MO 65248-1405
 (660) 248-1911
 www.inovatia.com

Contact Name: Bob Franklin
 Company Name: Get the Lead Out LLC
 Address: P.O. Box 118
 City, State, zip: Sturgeon, MO 65284
 Phone Number: 417-294-6112
 E-Mail: bobfranklin@gettheleadoutmo.us

Matrix: Water
 Grab/Composite: Grab
 Number of Containers:
 Preservation: HNO3
 Chain of Custody: Pb-0157

67

Facility: Adair Co. R-II
 Facility Address: 205 W Dewey Brashear, MO 63533-2429
 Facility Contact: Mr. Joshua R Brummit

Lab Number	Customer Sample Number	Date Collected
1 Pb-0157-001	ADCO-103B-JAN-CLST-MS-MTP-PS-001	12/5/2023
2 Pb-0157-002	ADCO-103HALL-LTR-HS1-PS-002	12/5/2023
3 Pb-0157-003	ADCO-103HALL-LTR-HS2-PS-003	12/5/2023
4 Pb-0157-004	ADCO-103HALL-LTR-HS3-PS-004	12/5/2023
5 Pb-0157-005	ADCO-103HALL-LTR-HS4-PS-005	12/5/2023
6 Pb-0157-006	ADCO-103HALL-DF PS-006	12/5/2023
7 Pb-0157-007	ADCO-103HALL-DW PS-007	12/5/2023
8 Pb-0157-008	ADCO-111B-SHOP-HS PS-008	12/5/2023
9 Pb-0157-009	ADCO-203HALL-DF PS-009	12/5/2023
10 Pb-0157-010	ADCO-203HALL-DW PS-010	12/5/2023
11 Pb-0157-011	ADCO-206-HS PS-011	12/5/2023
12 Pb-0157-012	ADCO-207-NRS-RRF PS-012	12/5/2023
13 Pb-0157-013	ADCO-209-OFF-HS PS-013	12/5/2023
14 Pb-0157-014	ADCO-209-OFF-RRF PS-014	12/5/2023
15 Pb-0157-015	ADCO-KITCH-IM-DW PS-015	12/5/2023
16 Pb-0157-016	ADCO-KITCH-SC PS-016	12/5/2023
17 Pb-0157-017	ADCO-KITCH-DSH PS-017	12/5/2023
18 Pb-0157-018	ADCO-KITCH-HS PS-018	12/5/2023
19 Pb-0157-019	ADCO-315HALL-RRFGL PS-019	12/5/2023
20 Pb-0157-020	ADCO-315HALL-RRFGR PS-020	12/5/2023
21 Pb-0157-021	ADCO-315HALL-RRFBR PS-021	12/5/2023
22 Pb-0157-022	ADCO-315HALL-RRFBL PS-022	12/5/2023
23 Pb-0157-023	ADCO-315HALL-DF PS-023	12/5/2023
24 Pb-0157-024	ADCO-315HALL-DW PS-024	12/5/2023

25	Pb-0157-025	ADCO-313-JAN-CLST-MS-MTP PS-025	12/5/2023
26	Pb-0157-026	ADCO-SCI-RTL-1ST-HSL PS-026	12/5/2023
27	Pb-0157-027	ADCO-SCI-RTL-1ST-HSR PS-027	12/5/2023
28	Pb-0157-028	ADCO-SCI-RTL-2ND-HSL PS-028	12/5/2023
29	Pb-0157-029	ADCO-SCI-RTL-2ND-HSR PS-029	12/5/2023
30	Pb-0157-030	ADCO-SCI-RTL-3RD-HSL PS-030	12/5/2023
31	Pb-0157-031	ADCO-SCI-RTL-3RD-HSR PS-031	12/5/2023
32	Pb-0157-032	ADCO-SCI-RTL-4TH-HSL PS-032	12/5/2023
33	Pb-0157-033	ADCO-SCI-RTL-4TH-HSR PS-033	12/5/2023
34	Pb-0157-034	ADCO-SCI-RTL-5TH-HSL PS-034	12/5/2023
35	Pb-0157-035	ADCO-SCI-RTL-5TH-HSR PS-035	12/5/2023
36	Pb-0157-036	ADCO-309B-LIB-FP PS-036	12/5/2023
37	Pb-0157-037	ADCO-303-LANG-FP PS-037	12/5/2023
38	Pb-0157-038	ADCO-304-RRFGR PS-038	12/5/2023
39	Pb-0157-039	ADCO-304-RRFGL PS-039	12/5/2023
40	Pb-0157-040	ADCO-304HALL-DF PS-040	12/5/2023
41	Pb-0157-041	ADCO-304HALL-DW PS-041	12/5/2023
42	Pb-0157-042	ADCO-300-RRFBL PS-042	12/5/2023
43	Pb-0157-043	ADCO-300-RRFBR PS-043	12/5/2023
44	Pb-0157-044	ADCO-425-LKR-SHR PS-044	12/5/2023
45	Pb-0157-045	ADCO-425-LKR-SHR-MTP PS-045	12/5/2023
46	Pb-0157-046	ADCO-425-LKR-SHM PS-046	12/5/2023
47	Pb-0157-047	ADCO-425-LKR-SHL PS-047	12/5/2023
48	Pb-0157-048	ADCO-425-LKR-RRF PS-048	12/5/2023
49	Pb-0157-049	ADCO-426-LKR-RRF PS-049	12/5/2023
50	Pb-0157-050	ADCO-426-LKR-SHR PS-050	12/5/2023
51	Pb-0157-051	ADCO-426-LKR-SHM PS-051	12/5/2023
52	Pb-0157-052	ADCO-426-LKR-SHL PS-052	12/5/2023
53	Pb-0157-053	ADCO-GYM-RRFGR PS-053	12/5/2023
54	Pb-0157-054	ADCO-GYM-RRFGL PS-054	12/5/2023
55	Pb-0157-055	ADCO-GYM-RRFBR PS-055	12/5/2023
56	Pb-0157-056	ADCO-GYM-RRFBL PS-056	12/5/2023
57	Pb-0157-057	ADCO-GYM-DF PS-057	12/5/2023
58	Pb-0157-058	ADCO-419-LKR-RRF PS-058	12/5/2023
59	Pb-0157-059	ADCO-419-LKR-SHR PS-059	12/5/2023
60	Pb-0157-060	ADCO-419-LKR-SHM PS-060	12/5/2023

61	Pb-0157-061	ADCO-419-LKR-SHL PS-061	12/5/2023
62	Pb-0157-062	ADCO-418-LKR-RRF PS-062	12/5/2023
63	Pb-0157-063	ADCO-418-LKR-SHR PS-063	12/5/2023
64	Pb-0157-064	ADCO-418-LKR-SHM PS-064	12/5/2023
65	Pb-0157-065	ADCO-418-LKR-SHL PS-065	12/5/2023
66	Pb-0157-066	ADCO-412-ART-HSR PS-066	12/5/2023
67	Pb-0157-067	ADCO-412-ART-HSL PS-067	12/5/2023

Delivery Method: HAND

Coolant: _____

Arrival Temperature: _____

Sampler Signature: *Angie Moore* Date/Time: 12/5/2023

Relinquished By: ANGIE MOORE Date/Time: 12/6/2023