

TINA-AVALON R-II PUBLIC SCHOOL

**11896 Highway 65
Tina, MO 64682
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May 30, 2023

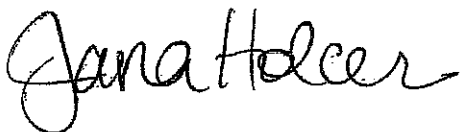
Dear Parent/Guardian and Staff:

Due to recent legislation, school districts are required to test their water for lead. Our school is required to notify parents and staff of the testing results. The lead levels for school need to be below 5ppb. On a good note: all of the drinking fountains tested as non-detected (ND).

In accordance with guidance from the EPA, the affected faucets have signage placed on them to indicate non-potable, not for drinking or washing dishes. The school will do another flush test in June to mitigate and correct any issues.

If you have any questions, do not hesitate to call me at 660-622-4211.

Sincerely,



Jana Holcer
Superintendent



Lead Testing Initial Test Results

On May 24, 2023, we received the results from the first round of lead testing. In accordance with statute, these results are being communicated to parents and staff via written notification within seven business days.

Immediate actions:

In accordance with guidance from the EPA, the affected faucets or outlets should either be shut off or 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.

Explanation of results:

Total test points sampled—37

Total samples with lead detected: 9 (24.3%)

Total samples with lead levels above the action level of 5ppb: 4 (10.81%)

The most common cause of outlets testing for elevated levels of lead (pb) is due to corrosion within the fixture itself, which is caused by low pH, low alkalinity, high temperatures, and high corrosivity. Other causes are corroded iron and galvanized pipes or copper pipes that were installed before the lead and copper rule (40 CFR 141)

Remediation:

These are efforts to mitigate and correct the levels of lead to which children and staff are exposed: Recommendations are currently pending results of flush sample testing.

Next steps:

Follow up flush samples will be collected per EPA and DHSS testing guidelines and are scheduled for June

Testing criteria:

Each sample was tested for total lead content which includes dissolved and particulate. An elevated level is defined as a level of lead ≥ 5 ppb. 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.

Health:



Health information and assistance is available from Carroll County Health Department


carrollcohealth.com

5 N Ely St, Carrollton, MO 64633

(660) 542-3247

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>

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY</p>	<p><u>Basic Information about Lead in Drinking Water US EPA</u> Questions and answers about lead in drinking water – health effects, EPA regulations etc. www.epa.gov</p>
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Lab reports and flush sampling plan are available on the school website.



Analysis Report

Total Lead by ICP-MS

Chain of Custody: 23-0425

Facility: Tina-Avalon R-II

Sample Matrix: Water

Method of Analysis: EPA 200.8

Laboratory Number	Customer Sample Number	Date Collected	Time Collected	Sample Type	Result (ppb)	Reporting Limit
232079	TA-KITCH-SC-PS-001	5/10/2023	4:15	Draw	1.11	1.0
232080	TA-KITCH-FP1-PS-002	5/10/2023	4:15	Draw	7.1	1.0
232081	TA-KITCH-FP2-PS-003	5/10/2023	4:15	Draw	4.28	1.0
232082	TA-KITCH-HS-PS-004	5/10/2023	4:18	Draw	1.23	1.0
232083	TA-LBRR-RRF-PS-005	5/10/2023	4:20	Draw	ND	1.0
232084	TA-BOYS-RRF1-PS-006	5/10/2023	4:23	Draw	ND	1.0
232085	TA-BOYS-RRF2-PS-007	5/10/2023	4:23	Draw	ND	1.0
232086	TTA-SCI-HS10-PS-008	5/10/2023	4:26	Draw	ND	1.0
232087	TA-CUST-DW-PS-009	5/10/2023	4:26	Draw	ND	1.0
232088	TA-CUST-DF-PS-010	5/10/2023	4:27	Draw	ND	1.0
232089	TA-FIRST-HS PS-011	5/10/2023	4:30	Draw	ND	1.0
232090	TA-SECD-HS PS-012	5/10/2023	4:31	Draw	1.0	1.0
232091	TA-GIRLS-RRF1 PS-013	5/10/2023	4:34	Draw	ND	1.0
232092	TA-GIRLS-RRF2 PS-014	5/10/2023	4:34	Draw	ND	1.0
232093	TA-GIRLS-RRF3 PS-015	5/10/2023	4:34	Draw	ND	1.0
232094	TA-CNLR-RRF PS-016	5/10/2023	4:36	Draw	ND	1.0
232095	TA-LGRR-RRF PS-017	5/10/2023	4:36	Draw	ND	1.0
232096	TA-SCI-HS10-SPR PS-018	5/10/2023	4:38	Draw	11.00	1.0
232097	TA-STEM-DF PS-019	5/10/2023	4:39	Draw	ND	1.0
232098	TA-STEM-DW PS-020	5/10/2023	4:39	Draw	ND	1.0
232099	TA-SPED-HS1 PS-021	5/10/2023	4:41	Draw	6.95	1.0
232100	TA-SPED-HS2 PS-022	5/10/2023	4:41	Draw	2.60	1.0
232101	TA-TCHR-WR-HS PS-023	5/10/2023	4:45	Draw	ND	1.0
232102	TA-TCHR-WR-IM PS-024	5/10/2023	4:45	Draw	ND	1.0
232103	TA-GYM-DF PS-025	5/10/2023	4:46	Draw	ND	1.0
232104	TA-SCI-HS7 PS-026	5/10/2023	4:50	Draw	ND	1.0
232105	TA-SCI-HS4 PS-027	5/10/2023	4:50	Draw	ND	1.0
232106	TA-SCI-HS5 PS-028	5/10/2023	4:50	Draw	ND	1.0
232107	TA-SCI-HS6 PS-029	5/10/2023	4:50	Draw	ND	1.0
232108	TA-SCI-HS8 PS-030	5/10/2023	4:50	Draw	ND	1.0
232109	TA-SCI-HS9 PS-031	5/10/2023	4:50	Draw	ND	1.0
232110	TA-ART-HS1 PS-032	5/10/2023	5:07	Draw	ND	1.0
232111	TA-ART-HS2 PS-033	5/10/2023	5:07	Draw	9.89	1.0
232112	TA-AGG-DF PS-034	5/10/2023	5:09	Draw	ND	1.0
232113	TA-AGG-DW PS-035	5/10/2023	5:09	Draw	ND	1.0
232114	TA-SHOP-RRF PS-036	5/10/2023	5:10	Draw	ND	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 the written consent of INOVATIA.



Analysis Report
Total Lead by ICP-MS

Chain of Custody: 23-0425

Facility: Tina-Avalon R-II

Sample Matrix: Water

Method of Analysis: EPA 200.8

Laboratory Number	Customer Sample Number	Date Collected	Time Collected	Sample Type	Result (µg/l (ppb))	Reporting Unit
232115	TA-CONC-DS PS-037	No Sample		Draw		
232116	TA-CONC-HS PS-038	No Sample		Draw		
232559	TA-KITCH-FP1-MTP PS-039	5/10/2023	4:15	Draw	ND	1.0
232560	TA-CONC-RRFG PS-040	No Sample		Draw		
232561	TA-CONC-RRFB PS-041	No Sample		Draw		



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

Contact Name: Bob Franklin
 Company Name: Get the Lead Out LLC
 Address: PO 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: 4137
 Preservation: H203

Facility: Tina Avalon R-41
 Facility Address: 11896 HWY 55 Tina, MO 64682-9746
 Facility Contact: Jana Holzer

COE# 230425

Lab Number	Customer Sample Number	Date Collected	Time Collected	
1	232079	TA-KITCH-SC-PS-001	5/10/2023	0415
2	232080	TA-KITCH-PP1-PS-002	5/10/2023	↓
3	232081	TA-KITCH-PP2-PS-003	5/10/2023	↓
4	232082	TA-KITCH-HS-PS-004	5/10/2023	0418
5	232083	TA-LBRR-RRF-PS-005	5/10/2023	0420
6	232084	TA-BOYS-RRF1-PS-006	5/10/2023	0423
7	232085	TA-BOYS-RRF2-PS-007	5/10/2023	0423
8	232086	TA-SCI-HS10-PS-008	5/10/2023	0426
9	232087	TA-CUST-DW-PS-009	5/10/2023	0426
10	232088	TA-CUST-DF-PS-010	5/10/2023	0427
11	232089	TA-FIRST-HS PS-011	5/10/2023	0430
12	232090	TA-SECD-HS PS-012	5/10/2023	0431
13	232091	TA-GIRLS-RRF1 PS-013	5/10/2023	0434
14	232092	TA-GIRLS-RRF2 PS-014	5/10/2023	↓
15	232093	TA-GIRLS-RRF3 PS-015	5/10/2023	↓
16	232094	TA-CNLR-RRF PS-016	5/10/2023	0436
17	232095	TA-LBRR-RRF PS-017	5/10/2023	0436
18	232096	TA-SCI-HS10-SPR PS-018	5/10/2023	0438
19	232097	TA-STEM-DF PS-019	5/10/2023	0439
20	232098	TA-STEM-DW PS-020	5/10/2023	0439
21	232099	TA-SRED-HS1 PS-021	5/10/2023	0441
22	232100	TA-SPED-HS2 PS-022	5/10/2023	0441
23	232101	TA-TCHR-WR-HS PS-023	5/10/2023	0445
24	232102	TA-TCHR-WR-IM PS-024	5/10/2023	0445
25	232103	TA-GYM-DF PS-025	5/10/2023	0446
26	232104	TA-SCI-HS7 PS-026	5/10/2023	0450
27	232105	TA-SCI-HS4 PS-027	5/10/2023	↓
28	232106	TA-SCI-HS5 PS-028	5/10/2023	↓
29	232107	TA-SCI-HS5 PS-029	5/10/2023	↓
30	232108	TA-SCI-HS8 PS-030	5/10/2023	↓
31	232109	TA-SCI-HS9 PS-031	5/10/2023	↓
32	232110	TA-AGCR-HS1 PS-032	5/10/2023	0507
33	232111	TA-ART-HS2 PS-033	5/10/2023	0507
34	232112	TA-AGG-DF PS-034	5/10/2023	0509
35	232113	TA-AGG-DW PS-035	5/10/2023	0509
36	232114	TA-SHOP-RRF PS-036	5/10/2023	0510
37	232115	TA-CONC-DS PS-037		NO SAMPLE

38	232116	TA-CONC-HS PS-038	NO SAMPLE	
39	232559	TA-KITCH-FRL-MTP PS-039	5/10/2023	0415
40	23251A	TA-CONC-RRFB PS-040	NO SAMPLE	
41	23251A	TA-CONC-RRFB PS-041	NO SAMPLE	

Delivery Method: Hand
 Coolant: N/A
 Arrival Temperature: N/A
 Sampler Signature: [Signature]
 Relinquished By: Bob Franklin

Date/Time: 5/11/2023 0859

Date/Time: 5/11/2023 1500

Franklin 2023-05-11 1500