

# POST-FIXTURE REPLACEMENT SAMPLING RESULTS REPORT

Heartland Health Care Center



October 13, 2016

## INTRODUCTION

During the month of April, 2016 the Department of Licensing and Regulatory Affairs (DLARA) completed the replacement of drinking water fixtures at the Heartland Health Care Center. These fixture replacements were required because testing results indicated that the older fixtures at most schools were imparting lead to the drinking water. After the fixtures were replaced, a more thorough flushing of the plumbing lines was completed to remove any remaining material from the building's water supply system.

On Saturday, April 23rd, 2016 the Department of Environmental Quality and DLARA conducted a post-fixture sampling assessment of the plumbing system at the center.

## SAMPLING METHODS

### Fixture Sampling

There are 61 drinking water fixtures that were identified at the facility. After a minimum six-hour stagnation period, four samples were collected at each of the fixtures identified. Two initial samples were collected immediately after turning on the tap. The water was then flushed for 30 seconds and a third sample was collected. Finally, the water was flushed for another two minutes, and the fourth sample was collected. These samples were used to determine the impact of any lead sources in and around each specific fixture and its connecting plumbing.

### Deep Plumbing Sampling

A different sampling method is used to determine the impact of any lead sources located deep in the supply plumbing of the building. During this method, ten bottles are collected in a row (consecutively). These bottles are one liter in size, which is larger than those used for the fixture sampling method.

### Sampling Notes

- The standard 'Fixture Sampling Method' with a minimum six-hour stagnation period was not possible for this facility due to the residents' consistent water use needs. Sampling is representative of usual water use at the facility.

- Two hundred forty-four samples from 61 fixtures were collected and sent to the lab for analysis.
- One sample from the Medical Preparation Station "A" had quality control results outside of the allowed limits due to matrix interferences.
- All aerators were inspected and cleaned during the inspection. Most aerators were clear of debris, 25 fixtures had traces of pipe compound from the recent fixture replacement and one fixture had small particulate.
- Eleven fixtures were selected to test the deeper part of the plumbing system. For this method 110 samples were collected and sent to the lab for analysis.

## SAMPLING RESULTS

### Post-Fixture Replacement

April 23, 2016  
Of the 354 samples:

- Lead Range: Non-Detected (ND) to 15 parts per billion (ppb)
- Copper Range: ND to 1,410 ppb

\* Where the result is non-detected for lead it means that the amount of lead in the water was less than 1 ppb.

\* Where the result is non-detected for copper it means that the amount of copper in the water was less than 50 ppb.

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	01KC001 KITCHEN NORTH	P1	Copper	120
Lead	ND	01KC001 KITCHEN NORTH	P2	Copper	80
Lead	ND	01KC001 KITCHEN NORTH	F01	Copper	ND
Lead	ND	01KC001 KITCHEN NORTH	F02	Copper	ND
Lead	ND	01KC002 MAIN DINING/SINK/ICE	P1	Copper	70
Lead	ND	01KC002 MAIN DINING/SINK/ICE	P2	Copper	ND
Lead	ND	01KC002 MAIN DINING/SINK/ICE	F01	Copper	ND
Lead	ND	01KC002 MAIN DINING/SINK/ICE	F02	Copper	ND
Lead	ND	01KC003 KITCHEN SOUTHWEST	P1	Copper	240
Lead	ND	01KC003 KITCHEN SOUTHWEST	P2	Copper	310
Lead	ND	01KC003 KITCHEN SOUTHWEST	F01	Copper	ND
Lead	ND	01KC003 KITCHEN SOUTHWEST	F02	Copper	ND
Lead	ND	01WC004 MAIN ENTRANCE	P1	Copper	1410
Lead	ND	01WC004 MAIN ENTRANCE	P2	Copper	370
Lead	ND	01WC004 MAIN ENTRANCE	F01	Copper	70
Lead	ND	01WC004 MAIN ENTRANCE	F02	Copper	ND
Lead	ND	01NS005 NURSE STATION B	P1	Copper	90
Lead	2	01NS005 NURSE STATION B	P2	Copper	120
Lead	ND	01NS005 NURSE STATION B	F01	Copper	90
Lead	ND	01NS005 NURSE STATION B	F02	Copper	ND
Lead	ND	01BF006 ROOM 101-103	P1	Copper	ND
Lead	ND	01BF006 ROOM 101-103	P2	Copper	ND
Lead	ND	01BF006 ROOM 101-103	F01	Copper	ND
Lead	ND	01BF006 ROOM 101-103	F02	Copper	ND
Lead	2	01BF007 ROOM 105	P1	Copper	70
Lead	3	01BF007 ROOM 105	P2	Copper	90
Lead	ND	01BF007 ROOM 105	F01	Copper	ND
Lead	ND	01BF007 ROOM 105	F02	Copper	ND
Lead	2	01BF008 ROOM 104	P1	Copper	90
Lead	2	01BF008 ROOM 104	P2	Copper	80
Lead	2	01BF008 ROOM 104	F01	Copper	100
Lead	1	01BF008 ROOM 104	F02	Copper	80
Lead	ND	01BF009 ROOM 107	P1	Copper	80
Lead	1	01BF009 ROOM 107	P2	Copper	60
Lead	ND	01BF009 ROOM 107	F01	Copper	ND
Lead	ND	01BF009 ROOM 107	F02	Copper	ND
Lead	ND	01BF010 ROOM 106-108	P1	Copper	80
Lead	ND	01BF010 ROOM 106-108	P2	Copper	ND
Lead	ND	01BF010 ROOM 106-108	F01	Copper	ND
Lead	ND	01BF010 ROOM 106-108	F02	Copper	ND
Lead	ND	01BF011 ROOM 109	P1	Copper	100
Lead	1	01BF011 ROOM 109	P2	Copper	70
Lead	ND	01BF011 ROOM 109	F01	Copper	ND

Non-detected (ND) means; for lead the amount in water is less than 1 ppb and for copper the amount in water is less than 50 ppb.

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	01BF011 ROOM 109	F02	Copper	ND
Lead	ND	01BF012 ROOM 201	P1	Copper	70
Lead	ND	01BF012 ROOM 201	P2	Copper	ND
Lead	ND	01BF012 ROOM 201	F01	Copper	ND
Lead	ND	01BF012 ROOM 201	F02	Copper	ND
Lead	ND	01BF013 ROOM 203	P1	Copper	70
Lead	ND	01BF013 ROOM 203	P2	Copper	ND
Lead	ND	01BF013 ROOM 203	F01	Copper	ND
Lead	ND	01BF013 ROOM 203	F02	Copper	ND
Lead	2	01BF014 ROOM 202	P1	Copper	80
Lead	ND	01BF014 ROOM 202	P2	Copper	ND
Lead	ND	01BF014 ROOM 202	F01	Copper	ND
Lead	ND	01BF014 ROOM 202	F02	Copper	ND
Lead	ND	01BF015 ROOM 204-206	P1	Copper	70
Lead	ND	01BF015 ROOM 204-206	P2	Copper	70
Lead	ND	01BF015 ROOM 204-206	F01	Copper	ND
Lead	ND	01BF015 ROOM 204-206	F02	Copper	ND
Lead	1	01BF016 ROOM 205-207	P1	Copper	80
Lead	ND	01BF016 ROOM 205-207	P2	Copper	60
Lead	ND	01BF016 ROOM 205-207	F01	Copper	ND
Lead	ND	01BF016 ROOM 205-207	F02	Copper	ND
Lead	ND	01BF017 ROOM 208-210	P1	Copper	80
Lead	1	01BF017 ROOM 208-210	P2	Copper	50
Lead	ND	01BF017 ROOM 208-210	F01	Copper	ND
Lead	ND	01BF017 ROOM 208-210	F02	Copper	ND
Lead	ND	01BF018 ROOM 209-211	P1	Copper	ND
Lead	ND	01BF018 ROOM 209-211	P2	Copper	ND
Lead	ND	01BF018 ROOM 209-211	F01	Copper	ND
Lead	ND	01BF018 ROOM 209-211	F02	Copper	ND
Lead	2	01KC019 ACTIVITY ROOM	P1	Copper	100
Lead	ND	01KC019 ACTIVITY ROOM	P2	Copper	310
Lead	ND	01KC019 ACTIVITY ROOM	F01	Copper	150
Lead	ND	01KC019 ACTIVITY ROOM	F02	Copper	ND
Lead	ND	01NS020 MED PREP STA A	P1	Copper	100
Lead	1	01NS020 MED PREP STA A	P2	Copper	110
Lead	ND	01NS020 MED PREP STA A	F01	Copper	100*
Lead	ND	01NS020 MED PREP STA A	F02	Copper	ND
Lead	ND	01BF021 ROOM 301	P1	Copper	80
Lead	ND	01BF021 ROOM 301	P2	Copper	50
Lead	ND	01BF021 ROOM 301	F01	Copper	ND
Lead	ND	01BF021 ROOM 301	F02	Copper	ND
Lead	ND	01BF022 ROOM 303	P1	Copper	70

\* Copper quality control results were outside allowed limits due to matrix interferences

Non-detected (ND) means; for lead the amount in water is less than  
1 ppb and for copper the amount in water is less than 50 ppb.

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	01BF022 ROOM 303	P2	Copper	ND
Lead	ND	01BF022 ROOM 303	F01	Copper	ND
Lead	ND	01BF022 ROOM 303	F02	Copper	ND
Lead	ND	01BF023 ROOM 302	P1	Copper	110
Lead	1	01BF023 ROOM 302	P2	Copper	60
Lead	ND	01BF023 ROOM 302	F01	Copper	60
Lead	ND	01BF023 ROOM 302	F02	Copper	ND
Lead	ND	01BF024 ROOM 304-306	P1	Copper	70
Lead	ND	01BF024 ROOM 304-306	P2	Copper	ND
Lead	ND	01BF024 ROOM 304-306	F01	Copper	ND
Lead	ND	01BF024 ROOM 304-306	F02	Copper	ND
Lead	ND	01BF025 ROOM 305-307	P1	Copper	80
Lead	ND	01BF025 ROOM 305-307	P2	Copper	ND
Lead	ND	01BF025 ROOM 305-307	F01	Copper	ND
Lead	ND	01BF025 ROOM 305-307	F02	Copper	ND
Lead	ND	01BF026 ROOM 308-310	P1	Copper	70
Lead	ND	01BF026 ROOM 308-310	P2	Copper	60
Lead	ND	01BF026 ROOM 308-310	F01	Copper	ND
Lead	ND	01BF026 ROOM 308-310	F02	Copper	ND
Lead	1	01BF027 ROOM 309-311	P1	Copper	100
Lead	ND	01BF027 ROOM 309-311	P2	Copper	ND
Lead	ND	01BF027 ROOM 309-311	F01	Copper	ND
Lead	ND	01BF027 ROOM 309-311	F02	Copper	ND
Lead	ND	01BF028 ROOM 401-403	P1	Copper	70
Lead	ND	01BF028 ROOM 401-403	P2	Copper	ND
Lead	ND	01BF028 ROOM 401-403	F01	Copper	ND
Lead	ND	01BF028 ROOM 401-403	F02	Copper	ND
Lead	ND	01BF029 ROOM 405	P1	Copper	50
Lead	ND	01BF029 ROOM 405	P2	Copper	ND
Lead	ND	01BF029 ROOM 405	F01	Copper	ND
Lead	ND	01BF029 ROOM 405	F02	Copper	ND
Lead	ND	01BF030 ROOM 407	P1	Copper	80
Lead	ND	01BF030 ROOM 407	P2	Copper	ND
Lead	ND	01BF030 ROOM 407	F01	Copper	ND
Lead	ND	01BF030 ROOM 407	F02	Copper	ND
Lead	ND	01BF031 ROOM 408	P1	Copper	ND
Lead	ND	01BF031 ROOM 408	P2	Copper	ND
Lead	ND	01BF031 ROOM 408	F01	Copper	ND
Lead	ND	01BF031 ROOM 408	F02	Copper	ND
Lead	ND	01BF032 ROOM 409	P1	Copper	80
Lead	ND	01BF032 ROOM 409	P2	Copper	ND
Lead	ND	01BF032 ROOM 409	F01	Copper	ND
Lead	ND	01BF032 ROOM 409	F02	Copper	ND

Non-detected (ND) means; for lead the amount in water is less than 1 ppb and for copper the amount in water is less than 50 ppb.

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	1	01KC033 INTERNET CAFE	P1	Copper	200
Lead	ND	01KC033 INTERNET CAFE	P2	Copper	260
Lead	ND	01KC033 INTERNET CAFE	F01	Copper	ND
Lead	ND	01KC033 INTERNET CAFE	F02	Copper	ND
Lead	ND	01KC034 REHAB DINING ROOM	P1	Copper	130
Lead	ND	01KC034 REHAD DINING ROOM	P2	Copper	250
Lead	ND	01KC034 REHAB DINING ROOM	F01	Copper	ND
Lead	ND	01KC034 REHAB DINING ROOM	F02	Copper	ND
Lead	ND	01KC035 REHAB ROOM	P1	Copper	140
Lead	ND	01KC035 REHAB ROOM	P2	Copper	140
Lead	ND	01KC035 REHAB ROOM	F01	Copper	110
Lead	ND	01KC035 REHAB ROOM	F02	Copper	70
Lead	ND	01KC036 REHAB ROOM	P1	Copper	220
Lead	ND	01KC036 REHAB ROOM	P2	Copper	230
Lead	ND	01KC036 REHAB ROOM	F01	Copper	270
Lead	ND	01KC036 REHAB ROOM	F02	Copper	ND
Lead	ND	01BF037 ROOM 501	P1	Copper	110
Lead	ND	01BF037 ROOM 501	P2	Copper	190
Lead	ND	01BF037 ROOM 501	F01	Copper	110
Lead	ND	01BF037 ROOM 501	F02	Copper	ND
Lead	ND	01BF038 ROOM 502	P1	Copper	140
Lead	ND	01BF038 ROOM 502	P2	Copper	120
Lead	ND	01BF038 ROOM 502	F01	Copper	ND
Lead	ND	01BF038 ROOM 502	F02	Copper	ND
Lead	3	01BF039 ROOM 504	P1	Copper	130
Lead	1	01BF039 ROOM 504	P2	Copper	100
Lead	ND	01BF039 ROOM 504	F01	Copper	ND
Lead	ND	01BF039 ROOM 504	F02	Copper	ND
Lead	ND	01BF040 ROOM 503	P1	Copper	180
Lead	ND	01BF040 ROOM 503	P2	Copper	160
Lead	ND	01BF040 ROOM 503	F01	Copper	60
Lead	ND	01BF040 ROOM 503	F02	Copper	ND
Lead	ND	01BF041 ROOM 505	P1	Copper	130
Lead	ND	01BF041 ROOM 505	P2	Copper	100
Lead	ND	01BF041 ROOM 505	F01	Copper	ND
Lead	ND	01BF041 ROOM 505	F02	Copper	ND
Lead	ND	01BF042 ROOM 506	P1	Copper	120
Lead	15	01BF042 ROOM 506	P2	Copper	190
Lead	ND	01BF042 ROOM 506	F01	Copper	ND
Lead	ND	01BF042 ROOM 506	F02	Copper	ND
Lead	ND	01BF043 ROOM 508	P1	Copper	180
Lead	ND	01BF043 ROOM 508	P2	Copper	160
Lead	ND	01BF043 ROOM 508	F01	Copper	60

Non-detected (ND) means; for lead the amount in water is less than 1 ppb and for copper the amount in water is less than 50 ppb.

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	01BF043 ROOM 508	F02	Copper	ND
Lead	ND	01BF044 ROOM 507	P1	Copper	200
Lead	ND	01BF044 ROOM 507	P2	Copper	250
Lead	ND	01BF044 ROOM 507	F01	Copper	ND
Lead	ND	01BF044 ROOM 507	F02	Copper	ND
Lead	ND	01BF045 ROOM 509	P1	Copper	110
Lead	ND	01BF045 ROOM 509	P2	Copper	80
Lead	ND	01BF045 ROOM 509	F01	Copper	ND
Lead	ND	01BF045 ROOM 509	F02	Copper	ND
Lead	ND	01BF046 ROOM 510	P1	Copper	200
Lead	ND	01BF046 ROOM 510	P2	Copper	200
Lead	ND	01BF046 ROOM 510	F01	Copper	ND
Lead	ND	01BF046 ROOM 510	F02	Copper	ND
Lead	ND	01BF047 ROOM 512	P1	Copper	230
Lead	ND	01BF047 ROOM 512	P2	Copper	320
Lead	ND	01BF047 ROOM 512	F01	Copper	60
Lead	ND	01BF047 ROOM 512	F02	Copper	ND
Lead	ND	01BF048 ROOM 514	P1	Copper	130
Lead	ND	01BF048 ROOM 514	P2	Copper	190
Lead	ND	01BF048 ROOM 514	F01	Copper	120
Lead	ND	01BF048 ROOM 514	F02	Copper	ND
Lead	6	01BF049 ROOM 516	P1	Copper	300
Lead	2	01BF049 ROOM 516	P2	Copper	130
Lead	ND	01BF049 ROOM 516	F01	Copper	ND
Lead	ND	01BF049 ROOM 516	F02	Copper	ND
Lead	ND	01KC050 NOURISHMENT ROOM	P1	Copper	140
Lead	ND	01KC050 NOURISHMENT ROOM	P2	Copper	140
Lead	ND	01KC050 NOURISHMENT ROOM	F01	Copper	ND
Lead	ND	01KC050 NOURISHMENT ROOM	F02	Copper	ND
Lead	ND	01BF051 ROOM 518	P1	Copper	160
Lead	1	01BF051 ROOM 518	P2	Copper	160
Lead	ND	01BF051 ROOM 518	F01	Copper	60
Lead	ND	01BF051 ROOM 518	F02	Copper	ND
Lead	ND	01BF052 ROOM 520	P1	Copper	170
Lead	ND	01BF052 ROOM 520	P2	Copper	200
Lead	ND	01BF052 ROOM 520	F01	Copper	ND
Lead	ND	01BF052 ROOM 520	F02	Copper	ND
Lead	ND	01BF053 ROOM 522	P1	Copper	200
Lead	1	01BF053 ROOM 522	P2	Copper	160
Lead	ND	01BF053 ROOM 522	F01	Copper	ND
Lead	ND	01BF053 ROOM 522	F02	Copper	ND
Lead	3	01BF054 ROOM 511	P1	Copper	300
Lead	ND	01BF054 ROOM 511	P2	Copper	150

Non-detected (ND) means; for lead the amount in water is less than 1 ppb and for copper the amount in water is less than 50 ppb.

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	01BF054 ROOM 511	F01	Copper	ND
Lead	ND	01BF054 ROOM 511	F02	Copper	ND
Lead	ND	01NS055 NURSE STATION C	P1	Copper	160
Lead	ND	01NS055 NURSE STATION C	P2	Copper	280
Lead	ND	01NS055 NURSE STATION C	F01	Copper	70
Lead	ND	01NS055 NURSE STATION C	F02	Copper	ND
Lead	ND	01BF056 ROOM 602	P1	Copper	140
Lead	ND	01BF056 ROOM 602	P2	Copper	100
Lead	ND	01BF056 ROOM 602	F01	Copper	60
Lead	ND	01BF056 ROOM 602	F02	Copper	ND
Lead	ND	01BF057 ROOM 601	P1	Copper	150
Lead	ND	01BF057 ROOM 601	P2	Copper	250
Lead	ND	01BF057 ROOM 601	F01	Copper	ND
Lead	ND	01BF057 ROOM 601	F02	Copper	ND
Lead	ND	01BF058 ROOM 604	P1	Copper	290
Lead	ND	01BF058 ROOM 604	P2	Copper	280
Lead	ND	01BF058 ROOM 604	F01	Copper	70
Lead	ND	01BF058 ROOM 604	F02	Copper	ND
Lead	2	01BF059 ROOM 603	P1	Copper	670
Lead	2	01BF059 ROOM 603	P2	Copper	490
Lead	ND	01BF059 ROOM 603	F01	Copper	80
Lead	ND	01BF059 ROOM 603	F02	Copper	ND
Lead	1	01BF060 ROOM 606	P1	Copper	440
Lead	ND	01BF060 ROOM 606	P2	Copper	270
Lead	ND	01BF060 ROOM 606	F01	Copper	120
Lead	ND	01BF060 ROOM 606	F02	Copper	ND
Lead	ND	01BF061 ROOM 605	P1	Copper	550
Lead	ND	01BF061 ROOM 605	P2	Copper	360
Lead	ND	01BF061 ROOM 605	F01	Copper	60
Lead	ND	01BF061 ROOM 605	F02	Copper	ND
Lead	2	01KC002 MAIN DINING/SINK/ICE	CA1	Copper	ND
Lead	ND	01KC002 MAIN DINING/SINK/ICE	CA2	Copper	ND
Lead	ND	01KC002 MAIN DINING/SINK/ICE	CA3	Copper	ND
Lead	ND	01KC002 MAIN DINING/SINK/ICE	CA4	Copper	ND
Lead	ND	01KC002 MAIN DINING/SINK/ICE	CA5	Copper	ND
Lead	ND	01KC002 MAIN DINING/SINK/ICE	CA6	Copper	ND
Lead	ND	01KC002 MAIN DINING/SINK/ICE	CA7	Copper	ND
Lead	ND	01KC002 MAIN DINING/SINK/ICE	CA8	Copper	ND
Lead	ND	01KC002 MAIN DINING/SINK/ICE	CA9	Copper	ND
Lead	ND	01KC002 MAIN DINING/SINK/ICE	CA10	Copper	ND
Lead	ND	01NS005 NURSE STATION B	CB1	Copper	90
Lead	ND	01NS005 NURSE STATION B	CB2	Copper	ND
Lead	ND	01NS005 NURSE STATION B	CB3	Copper	ND

Non-detected (ND) means; for lead the amount in water is less than 1 ppb and for copper the amount in water is less than 50 ppb.

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	01NS005 NURSE STATION B	CB4	Copper	ND
Lead	ND	01NS005 NURSE STATION B	CB5	Copper	ND
Lead	ND	01NS005 NURSE STATION B	CB6	Copper	ND
Lead	ND	01NS005 NURSE STATION B	CB7	Copper	ND
Lead	ND	01NS005 NURSE STATION B	CB8	Copper	ND
Lead	ND	01NS005 NURSE STATION B	CB9	Copper	ND
Lead	ND	01NS005 NURSE STATION B	CB10	Copper	ND
Lead	1	01BF011 ROOM 109	CC1	Copper	60
Lead	ND	01BF011 ROOM 109	CC2	Copper	ND
Lead	ND	01BF011 ROOM 109	CC3	Copper	ND
Lead	ND	01BF011 ROOM 109	CC4	Copper	ND
Lead	ND	01BF011 ROOM 109	CC5	Copper	ND
Lead	ND	01BF011 ROOM 109	CC6	Copper	ND
Lead	ND	01BF011 ROOM 109	CC7	Copper	ND
Lead	ND	01BF011 ROOM 109	CC8	Copper	ND
Lead	ND	01BF011 ROOM 109	CC9	Copper	ND
Lead	ND	01BF011 ROOM 109	CC10	Copper	ND
Lead	ND	01BF018 ROOM 209-211	CD1	Copper	ND
Lead	ND	01BF018 ROOM 209-211	CD2	Copper	ND
Lead	ND	01BF018 ROOM 209-211	CD3	Copper	ND
Lead	ND	01BF018 ROOM 209-211	CD4	Copper	ND
Lead	ND	01BF018 ROOM 209-211	CD5	Copper	ND
Lead	ND	01BF018 ROOM 209-211	CD6	Copper	ND
Lead	ND	01BF018 ROOM 209-211	CD7	Copper	ND
Lead	ND	01BF018 ROOM 209-211	CD8	Copper	ND
Lead	ND	01BF018 ROOM 209-211	CD9	Copper	ND
Lead	ND	01BF018 ROOM 209-211	CD10	Copper	ND
Lead	ND	01BF026 ROOM 308-310	CE1	Copper	ND
Lead	ND	01BF026 ROOM 308-310	CE2	Copper	ND
Lead	ND	01BF026 ROOM 308-310	CE3	Copper	ND
Lead	ND	01BF026 ROOM 308-310	CE4	Copper	ND
Lead	ND	01BF026 ROOM 308-310	CE5	Copper	ND
Lead	ND	01BF026 ROOM 308-310	CE6	Copper	ND
Lead	ND	01BF026 ROOM 308-310	CE7	Copper	ND
Lead	ND	01BF026 ROOM 308-310	CE8	Copper	ND
Lead	ND	01BF026 ROOM 308-310	CE9	Copper	ND
Lead	ND	01BF026 ROOM 308-310	CE10	Copper	ND
Lead	1	01BF031 ROOM 408	CF1	Copper	ND
Lead	ND	01BF031 ROOM 408	CF2	Copper	ND
Lead	ND	01BF031 ROOM 408	CF3	Copper	ND
Lead	ND	01BF031 ROOM 408	CF4	Copper	ND
Lead	ND	01BF031 ROOM 408	CF5	Copper	ND
Lead	ND	01BF031 ROOM 408	CF6	Copper	ND

Non-detected (ND) means; for lead the amount in water is less than 1 ppb and for copper the amount in water is less than 50 ppb.

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	01BF031 ROOM 408	CF7	Copper	ND
Lead	ND	01BF031 ROOM 408	CF8	Copper	ND
Lead	ND	01BF031 ROOM 408	CF9	Copper	ND
Lead	ND	01BF031 ROOM 408	CF10	Copper	ND
Lead	ND	01KC035 REHAB ROOM	CG1	Copper	150
Lead	ND	01KC035 REHAB ROOM	CG2	Copper	100
Lead	ND	01KC035 REHAB ROOM	CG3	Copper	60
Lead	ND	01KC035 REHAB ROOM	CG4	Copper	ND
Lead	ND	01KC035 REHAB ROOM	CG5	Copper	ND
Lead	ND	01KC035 REHAB ROOM	CG6	Copper	ND
Lead	ND	01KC035 REHAB ROOM	CG7	Copper	ND
Lead	ND	01KC035 REHAB ROOM	CG8	Copper	ND
Lead	ND	01KC035 REHAB ROOM	CG9	Copper	ND
Lead	ND	01KC035 REHAB ROOM	CG10	Copper	ND
Lead	ND	01BF047 ROOM 512	CH1	Copper	150
Lead	ND	01BF047 ROOM 512	CH2	Copper	ND
Lead	ND	01BF047 ROOM 512	CH3	Copper	ND
Lead	ND	01BF047 ROOM 512	CH4	Copper	ND
Lead	ND	01BF047 ROOM 512	CH5	Copper	ND
Lead	ND	01BF047 ROOM 512	CH6	Copper	ND
Lead	ND	01BF047 ROOM 512	CH7	Copper	ND
Lead	ND	01BF047 ROOM 512	CH8	Copper	ND
Lead	ND	01BF047 ROOM 512	CH9	Copper	ND
Lead	ND	01BF047 ROOM 512	CH10	Copper	ND
Lead	ND	01BF053 ROOM 522	CI1	Copper	130
Lead	ND	01BF053 ROOM 522	CI2	Copper	70
Lead	ND	01BF053 ROOM 522	CI3	Copper	ND
Lead	ND	01BF053 ROOM 522	CI4	Copper	ND
Lead	ND	01BF053 ROOM 522	CI5	Copper	ND
Lead	ND	01BF053 ROOM 522	CI6	Copper	ND
Lead	ND	01BF053 ROOM 522	CI7	Copper	ND
Lead	ND	01BF053 ROOM 522	CI8	Copper	ND
Lead	ND	01BF053 ROOM 522	CI9	Copper	ND
Lead	ND	01BF053 ROOM 522	CI10	Copper	ND
Lead	ND	01NS055 NURSE STATION C	CJ1	Copper	130
Lead	ND	01NS055 NURSE STATION C	CJ2	Copper	110
Lead	ND	01NS055 NURSE STATION C	CJ3	Copper	60
Lead	ND	01NS055 NURSE STATION C	CJ4	Copper	ND
Lead	ND	01NS055 NURSE STATION C	CJ5	Copper	ND
Lead	ND	01NS055 NURSE STATION C	CJ6	Copper	ND
Lead	ND	01NS055 NURSE STATION C	CJ7	Copper	ND
Lead	ND	01NS055 NURSE STATION C	CJ8	Copper	ND
Lead	ND	01NS055 NURSE STATION C	CJ9	Copper	ND

Non-detected (ND) means; for lead the amount in water is less than 1 ppb and for copper the amount in water is less than 50 ppb.

Heartland Health Care Center

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	01NS055 NURSE STATION C	CJ10	Copper	ND
Lead	ND	01BF061 ROOM 605	CK1	Copper	200
Lead	ND	01BF061 ROOM 605	CK2	Copper	ND
Lead	ND	01BF061 ROOM 605	CK3	Copper	ND
Lead	ND	01BF061 ROOM 605	CK4	Copper	ND
Lead	ND	01BF061 ROOM 605	CK5	Copper	ND
Lead	ND	01BF061 ROOM 605	CK6	Copper	ND
Lead	ND	01BF061 ROOM 605	CK7	Copper	ND
Lead	ND	01BF061 ROOM 605	CK8	Copper	ND
Lead	ND	01BF061 ROOM 605	CK9	Copper	ND
Lead	ND	01BF061 ROOM 605	CK10	Copper	ND