

Updated: 08/26/2019

Town of Reading, MA

LCCA Plan

Reading's Current 2019

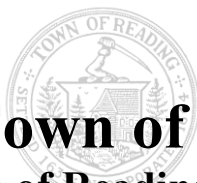
Lead Contamination Control Act Plan (LCCA)

Established in 2016

Lead in School Drinking Water Testing Program



2019



Town of Reading

Town of Reading Public Schools

Lead Contamination Control Act (LCCA) Plan

Town of Reading Public School & Building Identification

1.	Reading Memorial High School 62 Oakland Road, Reading MA 01867 781-944-8200	ESE Org Code:	02460505
2.	RISE Pre-School 62 Oakland Road, Reading MA 01867 781-942-9179	ESE Org Code:	02460001
3.	Coolidge Middle School 89 Birch Meadow Drive, Reading MA 01867 781-942-9158	ESE Org Code:	02460305
4.	Parker Middle School 45 Temple Street, Reading, MA 01867 781-944-1236	ESE Org Code:	02460310
5.	Barrows Elementary School 16 Edgemont Ave, Reading, MA 01867 781-942-9166	ESE Org Code:	02460002
6.	Birch Meadow Elementary School 27 Arthur B. Lord Drive, Reading, MA 01867 781-944-2335	ESE Org Code:	02460005
7.	Joshua Eaton Elementary School 365 Summer Ave, Reading, MA 01867 781-942-9161	ESE Org Code:	02460010
8.	Killam Elementary School 333 Charles Street, Reading, MA 01867 781-944-7831	ESE Org Code:	02460017
9.	Wood End Elementary 85 Sunset Rock Lane, Reading, MA 01867 781-942-5420	ESE Org Code:	02460020
10.	Reading Public Buildings Reading Facilities Department, Reading, MA 01867 781-942-5492	PWS Code:	3246000
11.	Reading Public Buildings Reading Water Department, Reading, MA 01867 781-942-9092	PWS Code:	3246000

LCCA Plan and Responsibility

Established February 2016, Updated Annually.

The Reading Public Schools and the Town of Reading take these LCCA testing results very seriously and move to immediately safeguard the health of Reading Students, Faculty and Staff if any issue is ever found from our ongoing annual LCCA testing program.

Reading's LCCA Action Plan is an active ongoing program that continues each year with annual school water Lead and Copper testing through Reading's Determined LCCA School Sampling Schedule that is thorough, effective and set forth within the plan itself. Additionally, if any School has any new plumbing work done within the school on any drinkable water source, that source is retested and confirmed to have no Lead or Copper Action Level Violation. If any testing result is found at any time within any water source that exceeds Reading's high Water Quality Action Level Standard, swift action taken to isolate, investigate, address, remediate, retest then move to fully resolve that concern.

We have great resources here in Reading with our many very proactive Departments each working together to assure that the safety and health concerns for our Students, Faculty and Staff are kept up to the highest level. The Town of Reading and the Reading School Department are proud to offer and confirm safe, clean, high quality tested drinking water in all of our Reading Schools, Buildings and Facilities today and in the future.

The Town of Reading Facilities Department is ultimately responsible for the Town of Reading Public Schools Lead Contamination Control Act (LCCA) Plan. The Town of Reading Water Department together with the Reading Facilities Department and the Reading School Department all work together as a Team for the creation, implementation and upkeep of the Town of Reading LCCA Plan, Data Management and Online Transparent Presentation.

Audit of All Water Coolers in Reading Public Schools

February 2016

A Water Cooler Audit was conducted by The Town of Reading Facilities Department in all of the Reading Public Schools. The Audit was to determine if any of the EPA Banned Water Coolers were located in any of Reading's public schools. Additionally, Reading also reviewed all other Town owned/operated Buildings. After auditing all schools and buildings, it was determined that no EPA Banned Water Cooler existed in any of the school buildings or public building. Each cooler was inventoried with notes on its brand, model, serial number, and year. Then, that list was checked to the EPA Banned Water Cooler List to identify any coolers that were not lead free. It was determined that all Water Coolers in Reading Public Schools, School Grounds and buildings are free of all Lead and/or contain no Lead solder.

Lead Contamination Control Act (LCCA) Monitoring/Plan for Each School

August 2019

LCCA Plan and Data Tracking

The Town of Reading LCCA Plan, Maps, Results and Data for all nine (9) Town of Reading Public Schools, all Reading Public Buildings and all Reading Public Fountains will be held and managed mutually by the Town of Reading Water Department and the Town of Reading Facilities Department. Individual LCCA school plans and results for each school are available on site at each School per request made prior to the Reading Facilities Department. Reading's LCCA Plan includes a written plan of action, school, building and facility water source maps of designated sampling locations, a schedule of determined annual sampling, spreadsheets showing testing data and an established LCCA subset website page on the Town's Website under the Water Dept Webpage showing all testing data and results for the below locations:

- LCCA_01_Reading Memorial High School
- LCCA_02_RISE Pre-School

- LCCA_03_Coolidge Middle School
- LCCA_04_Parker Middle School
- LCCA_05_Barrow's Elementary School
- LCCA_06_Birch Meadow Elementary School
- LCCA_07_Joshua Eaton Elementary School
- LCCA_08_Killam Elementary School
- LCCA_09_Wood End Elementary School
- LCCA_10_Reading Public Buildings
- LCCA_11_Reading Public Fountains

All LCCA School Water Source Plans, Data and Testing Results can be downloaded from our Town of Reading Website off the Water Dept. Water Quality/Supply Page:

<https://www.readingma.gov/water-division/pages/water-qualitysupply>

By 2019 the Town completed 100% Full Mapping and Testing of all of Reading's Schools, Buildings & Facilities with the final two last schools wrapped up, Reading Memorial High School (RMHS) and Parker Middle School (Parker), as part of Reading's Pre-Determined LCCA Schedule listed in the Plan. From 2019 forward, Reading commenced a Determined LCCA Annual Sampling Schedule listed below:

Determined LCCA Sample Schedule Determined LCCA Sample Schedule:

LCCA Sampling Location	Partial Mapping	Partial Sampling	Full Mapping	Full Sampling	Re-Sampling Scheduled	Re-Sampling Scheduled	Re-Sampling Scheduled
LCCA_01_Reading Memorial High School	2016	2016	2019	2019			2022
LCCA_02_RISE Pre-School	2016	2016	2017	2017		2021	
LCCA_03_Coolidge Middle School	2016	2016	2016	2016	2020		
LCCA_04_Parker Middle School	2016	2016	2019	2019			2022
LCCA_05_Barrow's Elementary School	2016	2016	2018	2018			2022
LCCA_06_Birch Meadow Elementary School	2016	2016	2016	2016	2020		
LCCA_07_Joshua Eaton Elementary School	2016	2016	2017	2017		2021	
LCCA_08_Killam Elementary School	2016	2016	2016	2016	2020		
LCCA_09_Wood End Elementary School	2016	2016	2018	2018		2021	
LCCA_10_Reading Public Buildings	2016	2016	2016	2016	2020		
LCCA_11_Reading Public Fountains	2016	2016	2016	2016	2019		

Determine Sample Site Locations

In Reading's Lead Contamination Control Act (LCCA) Plan, all Town Public drinking water sources in all Town schools, buildings and parks have been identified, mapped, cataloged then tested for both lead and copper in their water offered. All possible Town or School drinking water sources were identified including all water fountains (both bubbler and water cooler style), kitchen sinks & kettles, classroom combination sinks & fountains, home economics room sinks, teachers'

lounge sinks, employee cafe sinks, nurse's office sinks, sinks in special education classrooms, and any other fixtures known or thought to be used for water consumption.

Although not required by MassDEP or EPA, the Town of Reading has located, tested and includes all consumable drinking water sources within all Town of Reading Public Buildings as well as all Town, School and Park Public Water Fountains as part of the Town's LCCA Plan.

Assign Identification (ID) to the Sample Taps

Each consumable drinking water source within the schools was assigned a unique alpha numeric ID code that identified the location, number and type of drinking water tap. Each school had a layout diagram map of the school which became part of its LCCA Plan, all water sources were noted on these maps. The drinking water source ID was placed on the diagram map as well as made into a labels then posting onto the actual drinking water source tap or fixture. All parties (PWS staff, facility staff, contractors, etc.) that take samples or perform remediation on these fixtures will use this alpha numeric ID when reporting results or remediation efforts on the fixture or water source.

LCCA Mapping & Diagrams

A LCCA map was prepared for each school that diagrams every water tap or fixture that is used for drinking, cooking, or other human consumption purpose. The Following are the LCCA School Water Source Maps contained within this LCCA Plan.

- LCCA_01_Reading Memorial High School
- LCCA_02_RISE Pre-School
- LCCA_03_Coolidge Middle School
- LCCA_04_Parker Middle School
- LCCA_05_Barrows Elementary School
- LCCA_06_Birch Meadow Elementary School
- LCCA_07_Joshua Eaton Elementary School
- LCCA_08_Killam Elementary School
- LCCA_09_Wood End Elementary School

All LCCA School Water Source Maps are available online and can be downloaded from our Town of Reading Website from the Water Dept. Water Quality/Supply Page; Reading's LCCA Lead Contamination Control Act Plan; Reading's LCCA Maps.

<https://www.readingma.gov/public-works/water-division/pages/lcca-maps-0>

LCCA History & Results

Reading's LCCA Action Plan is an active ongoing program that continues each year with annual school water Lead and Copper testing through Reading's Determined LCCA School Sampling Schedule that is thorough, effective and set forth within the plan itself. Additionally, if any School has any new plumbing work done within the school on any drinkable water source, that source is retested and confirmed to have no Lead or Copper Action Level Violation.

We have great resources here in Reading with our many very proactive Departments each working together to assure that the safety and health concerns for our Students, Faculty and Staff are kept up to the highest level. The Town of Reading and the Reading School Department are proud to offer and confirm safe, clean, high quality tested drinking water in all of our Reading Schools, Buildings and Facilities today and in the future.

All LCCA School Water Testing Results are available online and can be downloaded from our Town of Reading Website from the Water Dept. Water Quality/Supply Page; Reading's LCCA Lead Contamination Control Act Plan; Reading's LCCA Results.

<https://www.readingma.gov/public-works/water-division/pages/lcca-results>

Below is an ongoing History Log of Reading's LCCA Testing, Results and Remediation Actions Taken

2016

The created LCCA catalog of all drinking water sources from each school was accessed as a whole body of consumable water sources within each school specifically. Each School's LCCA Sampling Plan water sources were divided into three segmented parts. Each one third (1/3) part represents an equal one third (1/3) portion of the sum of all the consumable water source types within that specific schools water sources. One of those one third (1/3) parts of the water sources in each school was sampled and tested in May of 2016.

Three Schools, Killam, Coolidge and Birch Meadow, had Lead levels higher than the action level. When we found that those three schools seemed to have issues, the Town Departments involved met, and then set forth a path of best action. It was determined that those three schools with high lead levels, Killam, Birch Meadow and Coolidge, were then fully tested in 2016 for all of their water sources. All other Reading Public Schools had no Lead levels above the Action Limit for their 1/3 tested portion, so they were scheduled to be fully mapped and tested vat later years to come.

Furthermore; it was in mutual agreement Reading wanted to lower the Action Level (AL) of lead in school drinking water here in the Town of Reading below the MassDEP AL of 15 ug/L (Microgram per Liter) or ppb (Parts Per Billion). MassDEP and EPA Regulations set the Action Level (AL) of lead in water acceptable in water to be 15 ug/L; Reading lowered the AL threshold on lead in water in school water sources from the 15 ppb to 12 ppb or even close to that 12 ppb. This was seen as an additional precaution in concern of Reading Students, Teachers and Staff that consume the water.

Reading Memorial High School (1/3 Tested on 5/19/16, No issues found)

- Full Mapping and Testing scheduled for 2019

RISE Pre-School (1/3 Tested on 5/19/16, No issues found)

- Full Mapping and Testing scheduled for 2017

Coolidge (Tested on 5/19/16, 6/1/16, 6/20/16, 8/8/16, and 8/23/16; Repairs completed on 8/7/16)

- Number of sources above lead limit based on 8/8 results-3 (Kitchen Cooking Kettle 1 and 2; Kitchen staff washroom sink)
- Actions taken this summer
 - All high Lead AL (Action Level) issues have been mitigated
 - All Shower fixtures were closed except one Handicap fixture in each Locker room
 - Showers not used in middle school
 - One shower stall in each Locker room will suffice
 - The remaining shower stall fixture in each tests well below AL limit
- All fixtures that were 12 ppb lead were replaced by 08/07/16
 - 7 Fixtures total were replaced
 - Extensive Flushing was done to all fixtures and the school
 - All replaced fixtures were tested
- 2 Kitchen Kettle Fixtures were above AL Limit
 - The Kettles were fine on both of their 30 second flush samples
 - Cafeteria Workers will be instructed to flush fixture for 30 seconds before use
 - Further fixture components were replaced in both Kettles
 - Further samples were drawn on 08/22/16
 - All drinking water sources were clear, kitchen faucet 30 second samples were below the AL

- The Kettles were fine on both of their 30 second flush samples
- Cafeteria Workers will be instructed to flush fixture for 30 seconds before use
- 1 kitchen worker's bathroom sink faucet tested above AL level
 - Sign was posted "Hand Wash Only Sink"
 - Further samples were drawn on 08/22/16
 - Cafeteria Workers will be instructed to flush fixture for 30 seconds before use
- Issue may be in the components and solder used in the wall piping but close to that fixture

Parker Middle School (1/3 Tested on 5/19/16, No issues found)

- Full Mapping and Testing scheduled for 2018

Birch Meadow (Tested on 5/19/16, 6/10/16, 8/9/16, 8/23/16; Repairs completed on 08/07/16)

- Number of sources above lead limit based on 8/7 results-5(Room 13, Room 21, Cafeteria Water fountains, Teacher's Room Kitchenette)
- Actions taken this summer
- All high Lead AL (Action Level) issues have been mitigated
- All fixtures that were 12 ppb lead were replaced by 08/07/16
- 9 Fixtures total were replaced
- All problem Classroom Faucet/fountain combo fixtures were replaced with faucet only no water fountain components
- Extensive Flushing was done to all fixtures and the school
- All replaced fixtures were tested
- 1 Double Water Fountain in the Cafeteria were above AL Limit
- Further fixture components will be replaced
- Further samples were drawn on 08/22/16 ; all results were below Action Level
- Issue may be in the components and solder used in the wall piping but close to that fixture
- Water Fountain in cafeteria will be replaced with a Poland Springs Water Fountain until all issues are resolved
- 3 Faucets tested over the lead AL limit
- Classroom 13 sink faucet tested above AL level
- Sign was posted "Hand Wash Only Sink"
- Further samples were drawn on 08/22/16 ; 30 Second Flushes were under AL; Issue may be in the components and solder used in the wall piping but close to that fixture
- Classroom 21 sink faucet tested above AL level
- Further samples were drawn on 08/22/16 all results were below AL
- Issue may be in the components and solder used in the wall piping but close to that fixture
- Teachers kitchenette sink faucet tested above AL level
- Sign was posted "Hand Wash Only Sink"
- Further samples were drawn on 08/22/16 ; 30 Second Flushes were under AL; Issue may be in the components and solder used in the wall piping but close to that fixture
- Issue may be in the components and solder used in the wall piping but close to that fixture

Barrows Elementary School (1/3 Tested on 5/19/16, No issues found)

- Full Mapping and Testing scheduled for 2018

Joshua Eaton Elementary School (1/3 Tested on 5/19/16, No issues found)

- Full Mapping and Testing scheduled for 2017

Killam 1/3 Tested on 5/19/16, issues found then 100% testing on all following dates:

6/3/16, 8/12/16, and 8/12/16; Repairs completed on 8/7/16

- Number of sources above lead limit based on 8/7 results-34 (Rooms 1,5,6,7,8,9,10,12,13,15,16,17, 19,20,22,24,Water Fountain near door 17,Boys bathroom near door 17, Girls bathroom near library, Gymnasium sink, Gymnasium Hall

bathroom, Library Water Fountain, Student Work Area Sinks, Teacher's Room Sink, Kitchen hand wash sink, Kitchen spray sink, Principal's bathroom, speech room

- All high Lead AL (Action Level) issues have been mitigated
- All fixtures that were 12 ppb lead were replaced by 08/07/16
 - 47 Fixtures total were replaced
- All problem Classroom Faucet/fountain combo fixtures were replaced with faucet only no water fountain components in classrooms
- No longer in the school do classroom water fountains exist
- Extensive Flushing was done to all fixtures and the school
- All replaced fixtures were tested
- All Kitchen food prep sinks/faucets tested well below the Lead AL Limit
- 2 Water Fountains in the library were above AL Limit
- Further fixture components will be replaced
- Further samples were drawn on 08/22/16 but results won't be back prior to school
- Issue may be in the components and solder used in the wall piping but close to that fixture
- Issues may be resolved by opening up the walls above the fountains and replacing all older brass pipe components
- ALL building Water Fountains will be replaced with a 5 Gallon Bottled Spring Water Fountains until all Lead Content issues are resolved
- Many building Faucets tested over the lead AL limit
- All school Classroom and bathroom faucets labeled hand washing only
 - Signs were posted "Hand Wash Only Sink" on each sink
- Issue may be in the components and solder used in the wall piping but close to that fixture
- Further replacement parts/pipes/components need to be replaced
- Further testing will need to be done
- Most likely the problem is too extensive to resolve fully
- Best case scenario for Killam is to run the school with Poland Springs Water Fountains until all water fountains in the school are fixed and show a history of below Lead AL Limit, then drinking water only from remedied fountains and Hand washing only sinks will remain for the school.

Wood End Elementary School (1/3 Tested on 5/19/16, No issues found)

- Full Mapping and Testing scheduled for 2018

All Town Public Buildings including the DPW Garage, Cemetery Garage, Reading Main St. Fire Station, Reading Woburn St. Fire Station, Reading Police Station, Reading Senior Center and Reading Town Hall

- 2016 LCCA 100% Mapping and Testing of each Town Building Facility
- One High AL result found in the Reading Woburn St. Fire Station
 - Faucet was older, it was removed and then replaced with a new faucet
- After replacement of faucet, sink was retested and results were well below AL Limit
- No Sources in any Reading Public Building are above the AL
- All Final Results are Posted on the Town website

All Reading Public/Park Water Fountains

- 2016 LCCA 100% Mapping and Testing
- No high AL sources in any Reading Public/Park Water Fountains
- All Final Results are Posted on the Town website

2017

RISE Preschool

- 2017 LCCA 100% Mapping and Testing
- No high AL sources in RISE
- All Final Results are Posted on the Town website

Joshua Eaton Elementary School

- 2017 LCCA 100% Mapping and Testing
- All Final Results are Posted on the Town website
- Four high or close to AL sources found in Joshua Eaton
- All high AL sources in Joshua Eaton were replaced or mitigated
- Sources with new faucets were retested
- All Final Results are within compliance and well below the MassDEP Action Level

Killam Elementary School

- All Drinking Water Sources in Killam are still from Bottled Water
- Bottled Water Stations at Killam are functionally working well and serving their purpose
- All Bottled Drinking Water Sources in Killam are scheduled to be cleaned and will be ready to serve safe fresh water
- At School Start Killam Teachers will review with Students Killam's Bottled Drinking Water Protocol

All Reading Public Schools

- All Reading School Kitchens, for precautionary measures only, will continue flushing 30 seconds first prior to drawing any water used to cook with
- All Reading Schools have safe drinking water
- All Reading Schools are in full Compliance with all MassDEP LCCA protocols, procedures, regulations and recommendations

2018

Reading's Lead Contamination Control Act (LCCA) Plan is regarded as a state model plan and Reading was actually awarded the MassDEP STAR L Award in 2018. This award is given to select Public Water Systems (PWS) and School Departments who take action to reduce lead in school drinking water and do so with extremely encouraging results. The Award is given to both the PWS and the School District as they both diligently work together in tandem testing, addressing and maintaining their ongoing efforts. Below is the link for Reading's LCCA Award:

<https://www.mass.gov/news/massdep-announces-winners-of-2018-public-water-system-awards>

Wood End 2018 LCCA 100% Mapping and Testing

- There was one high Lead Level above AL in a Hand Wash Sink
- The high AL Hand Wash Sink was labelled "Hand Washing Only"
- There was one high Copper Level above AL(Action Level) in a Classroom Sink
 - Sample was seen as an anomaly and uncharacteristic of the school
 - Flushing of that and surrounding classrooms commenced
 - Retesting was done; no Copper result was even close to AL
- All Final Results are Posted on the Town website
- All Wood End Drinking Water Source Faucets & Sinks are in full Compliance with
- all MassDEP LCCA protocols, procedures, regulations and recommendations

Barrows 2018 LCCA 100% Mapping and Testing

- There was one high Lead Level above AL in a Hand Wash Sink
- The high AL Faucet was replaced and flushed
- Retesting of the Faucet was done, and the result came back again above the AL
- The high AL Hand Wash Sink was labelled "Hand Washing Only"
- All Final Results are Posted on the Town website

- All Wood End Drinking Water Source Faucets & Sinks are in full Compliance with all MassDEP LCCA protocols, procedures, regulations and recommendations

Killam Elementary School

- All Drinking Water Sources in Killam are still from Bottled Water
- Bottled Water Stations at Killam are functionally working well and serving their purpose
- All Bottled Drinking Water Sources in Killam are scheduled to be cleaned and will be ready to serve safe fresh water
- At School Start Killam Teachers will review with Students Killam's Bottled Drinking Water Protocol

All Reading Public Schools

- All Reading School Kitchens, for precautionary measures only, will continue flushing 30 seconds first prior to drawing any water used to cook with
- All Reading Schools have safe drinking water
- All Reading Schools are in full Compliance with all MassDEP LCCA protocols, procedures, regulations and recommendations

2019

Reading Memorial High School 2019 LCCA 100% Mapping and Testing

- There were two high Lead Level above or near the AL of 12 ug/L Set by Reading
 - School Kitchen Ice Machine RHS_KTCH_IM1_001 21.9 ug/L
 - School Kitchen Sink RHS_KTCH_SK2_006 10.8 ug/L
- RHS_KTCH_IM1_001 Kitchen Ice Machine: A "T" fitting was installed by the Facilities Dept. Master Plumber to allow for a drain valve which would enable them to easily flush the line. The line was flushed it thoroughly and two samples were taken. A "first draw" and a post "30 second" flush. Those samples were given to the DPW and will be sent out for testing again.
- RHS_KTCH_SK2_006 Kitchen Sink: This faucet serves the 3 bay sink in the kitchen which is not a food prep sink but a wash sink for pots, pans etc. The faucet was replaced and then the same samples were taken as above and sent out for testing. All Results are posted on the Town website
- Re-Sampling was done on 07/24/2019 all samples were below the AL except:
- One remaining High Lead Level sink remained, RHS_KTCH_SK2_006. This faucet is a hand washing sink in the kitchen, not for food prep and not used for drinking water. The faucet is now clearly labeled "Hand Washing Only" and no longer pose any issues with offered drinking water to our Students, Faculty or Staff.

Parker Middle School LCCA 100% Mapping and Testing

- There were three high Lead Level above or near the AL of 12 ug/L Set by Reading
 - Nurse's Office Sink PMS_NRSE_SK1_018 48.4 ug/L
 - School Kitchen Kettle PMS_KTCH_KT1_007 19.3 ug/L
 - School Kitchen Sink PMS_KTCH_SK2_011 13.3 ug/L
- PMS_NRSE_SK1_018: This is a work sink in the Nurses Office. The faucet was replaced and samples were taken and sent out for testing.
- PMS_KTCH_KT1_007: Kettle faucet was replaced by Facilities Plumber and "First Draw" and post "30 second" flush samples were taken and sent for testing.
- PMS_KTCH_SK2_011: This is a hand wash sink only and not for food prep. The faucet was replaced and same samples were taken as others and sent out for testing.
- Re-Sampling was done on 07/24/2019 all samples were below the AL except:
- One remaining High Lead Level sink remained, PMS_NRSE_SK1_018. This faucet is a hand washing Nurses sink, not for food prep and not predominantly used for drinking water. The faucet is now clearly labeled "Hand Washing Only" and no longer pose any issues with offered drinking water to our Students, Faculty or Staff.

All Reading Public/Park Water Fountains

- 2019 LCCA 100% Annual Schedule Testing of all Sources
- No high AL sources in any Reading Public/Park Water Fountains
- All Final Results are Posted on the Town website

Killam Elementary School

- All Drinking Water Sources in Killam are still from Bottled Water
- Bottled Water Stations at Killam are functionally working well and serving their purpose
- All Bottled Drinking Water Sources in Killam are scheduled to be cleaned and will be ready to serve safe fresh water
- At School Start Killam Teachers will review with Students Killam's Bottled Drinking Water Protocol

Since 2016 and to present, the Killam Elementary School has been the only Reading School, Building or Facility that has needed a more extensive mitigation protocol instituted in order to address the results found in the drinking water. As communicated previously by The Town of Reading in 2016, at Killam, as a precautionary measure after all remediation efforts and from the final LCCA results, Reading removed from service all drinking fountains within the classrooms and corridors. All the faucets within the entire school were clearly labeled "Hand Washing Only". The students and staff can safely use these sinks for hand washing purposes, but not for drinking water or food cooking purposes. The Killam School is outfitted with many safe clean bottled drinking water stations located throughout the building. At the beginning of the School start and throughout the year, Killam Teachers review with Students and Staff Killam's drinking water and sink hand washing only water school policy that Reading has put in place through MassDEP recommendations. These actions have made a very effective safe mitigation solution for the Killam Elementary School.

All Reading Public Schools

- All Reading School Kitchens, for precautionary measures only, will continue flushing 30 seconds first prior to drawing any water used to cook with
- All Reading Schools have safe drinking water
- All Reading Schools are in full Compliance with all MassDEP LCCA protocols, procedures, regulations and recommendations

Throughout the entire Reading Schools system, we have found that a 30 second flush of almost any water source has brought the detectable lead or copper testing result to its very minimum result or more commonly the 30 Second Flush result was seen as Not Detectable. For this reason, and again for further precautionary measures, the Reading School Department has instituted and put into practice safety protocols for all Cafeteria Staff to flush all kitchen water faucets for 30 seconds prior to drawing any water used for cooking purposes.

2020-2022

LCCA Plan will be reviewed and appropriate actions will be taken. Sampling of the LCCA Schools and Locations will continue as stated above in the "**Determined LCCA Sample Schedule**"

Sampling Results and Tracking

All Sampling Results will be kept, tracked and logged. Swift actions will be taken should any sample be of EPA or MassDEP Lead (Pb) or Copper (Cu) Action Level (AL) violation. All plans, testing and results will be made available and transparent to all Reading Residents via posting on the Town of Reading's Water Quality & Supply Website Page.

<https://www.readingma.gov/public-works/water-division/pages/lcca-lead-contamination-control-act-plan>

Along with our Town's previously scheduled Triennial 2017 MassDEP Water Quality Parameter (WQP) Lead & Copper Rule (LCR) Monitoring Sampling Plan; Reading will continue with its proactive LCCA Plan as stated above.