



Massachusetts Department of Environmental Protection  
Drinking Water Program

LCR-SP-A

# LEAD AND COPPER SAMPLING PLAN

## Primary Sites

### I. PWS INFORMATION:

PWSID#	1085000	PWS Name:	East Longmeadow DPW Water Division	PWS Town:	East Longmeadow
Phone:	413-525-5400	Population:	16162	Samples Required:	30
				Standard Plan	<input type="checkbox"/>
				Reduced Plan	<input checked="" type="checkbox"/> X

### II. REPORTING:

Please type or print clearly using black ink, and attach a sample location site plan. Please include all primary, alternate, and school sheets as necessary with your submittal.

Sample Category			Sample	How will the samples be collected? Check one.					
	Tier <sup>1</sup>	Tier Class <sup>2</sup>	Primary <sup>1</sup> Sample Site Address	Location K <sup>3</sup>	B <sup>3</sup>	PWS	Homeowner or Resident	Lab	Other
1	1	B	2 Redstone Drive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
2	1	B	97 Tanglewood Drive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
3	1	B	391 Prospect Street	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
4	1	B	6 Maynard Street	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
5	1	B	2 Garland Avenue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
6	1	B	22 Kingman Avenue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
7	1	B	160 Tanglewood Drive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
8	1	B	30 Fraser Drive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
9	1	B	46 Waterman Avenue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
10	1	B	50 Waterman Avenue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
11	1	B	16 Cobblestone Lane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
12	1	B	55 Glynn Farms Drive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
13	1	B	10 South Meadow Road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
14	1	B	21 South Meadow Road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
15	1	B	105 Pease Road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>

Alternative Sampling Sites: Please add your alternate sampling sites on LCR-SP-B

Schools: 310 CMR 22.06B(7)(a)9 requires systems that serve schools or Early Education and Care Facilities (EECFs) to collect at least two samples from two schools or EECFs. For schools and EECFs please add your sites to form LCR-SP-C.

☒ I do not have any lead service lines (check if applicable). If any of the above sites are not Tier 1 sites in accordance with Massachusetts Drinking Water Regulations 310 CMR 22.06B, my signature below indicates that: (1) Tier 1 sites were not available. (2) I have provided MassDEP with a "materials survey". (3) I have complied with 310 CMR 22.06B(7), and (4) if there are higher Tier sites in my distribution system, I have submitted a LCR highest Tier Form (LCR-Samp-HTS).

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

PWS Authorized Signature: Felix Vachon  
Date: 4-13-2020 Title: Water and Sewer Administrator  
Phone: 413-525-5400

Classification Information for COM Systems Within each tier, use higher classification locations before lower classification locations (ex. Tier 1A before Tier 1B).

#### Tier 1 Class:

- A: Single Family Residence (SFR) with Lead Service lines (LSL) (partial or full) or lead-lined
- A2: Multifamily Residence (MFR) w/ LSL if ≥ 20% connections served by PWS are MFRs
- A3: SFR with lead goosenecks/pigtails
- B: SFR with lead pipes or copper pipes with lead/tin solder—Built in 1983, 1984, or 1985
- B2: SFR with verified Lead/Tin Solder built in 1986 or later

#### Tier 2 Class:

- C: MFR with LSL and/or lead goosenecks/pigtails
- D: MFR with lead pipes or copper pipes with lead/tin solder built 1983, 1984 or 1985
- E: Private building with LSL and/or with lead goosenecks/pigtails
- F: Private building with lead pipe or copper pipe with lead/tin solder installed in 1983, 1984, or 1985

#### Tier 3 Class:

- G: SFRs built prior to 1983
- H: Other/exceptional cases
- Note: (Please explain on LCR-SP-A2 Overflow sheet in the comments section)

#### Information for NTNC Systems

- Tier 1: Contain copper pipes with lead solder installed after 1982 or contain lead pipes; and/or are served by a lead service line (LSL)
- Tier 2: Copper pipes with lead solder installed before 1983
- Tier 3: Not applicable

<sup>1</sup> During any monitoring period no MassDEP approved sampling site shall be sampled more than once without prior written approval from MassDEP.

<sup>2</sup> Kitchen

<sup>3</sup> Bathroom

For MassDEP use: Approved ☒ Deficient/Disapproved ☐ Comment ☐

MassDEP staff name: W. Vachon Date: 4-16-20

This form is available at the MassDEP website at <https://www.mass.gov/doc/lcr-sp-a-lead-and-copper-sampling-plan>

If you have more primary sites please use the LCR-SP-A continuation sheet.





## LEAD AND COPPER SAMPLING PLAN

**I. PWS INFORMATION:**

**PWS Town:** East Longmeadow

**Samples Required:** 30

**Standard Plan** ☐

### Reduced Plan X

**Please type or print clearly using black ink, and attach a sample location site plan.**

**Other/Exceptional Cases Comments:**

**Please make additional LCR-SP-A continuation sheets as necessary.**

This form is available at the MassDEP website at <https://www.mass.gov/doc/lcr-sp-a-lead-and-copper-sampling-plan>

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Massachusetts Department of Environmental Protection  
Drinking Water Program

LEAD AND COPPER SAMPLING PLAN

LCR-SP-B

Alternative Sites

I. PWS INFORMATION:

PWSID#: 1085000 PWS Name: East Longmeadow DPW Water Division PWS Town: East Longmeadow  
Phone: 413-525-5400 Population: 16162 Samples Required: 30 Standard Plan ☐ Reduced Plan ☒

II. REPORTING:

Please type or print clearly using black ink, and include on attached a sample location site plan.

After approval of the overall sampling plan (LCR-SP-A/ LCR-SP-B) by MassDEP, alternative LCR sites may be used without additional prior approval if:

- (1) the primary site result was not greater than the LCR action level during the previous sampling round (if previously sampled) and
- (2) the alternate site is at the same or higher tier than the primary site.

If these two criteria cannot be met then prior written approval from MassDEP is required prior to using the alternate site.

	Sample Category		Sample Alternative <sup>1</sup> Sample Site Address	Location		How will the samples be collected? Check one			
	Tier <sup>†</sup>	Tier Class <sup>‡</sup>		K <sup>2</sup>	B <sup>3</sup>	PWS	Homeowner or Resident	Lab	Other
1	1	B	72 Cooley Avenue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
2	1	B	15 Glynn Farms Drive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
3	1	B	222 Kibbe Road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
4	1	B	145 Brookhaven Drive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
5	1	B	203 Tanglewood Drive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
6	1	B	33 Avery Street	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
7	1	B	15 Saugus Avenue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
8				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
9				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
10				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
11				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If you have more alternative sites please use the LCR-B continuation sheet.

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Massachusetts Department of Environmental Protection  
Drinking Water Program

**LEAD AND COPPER SAMPLING PLAN**

LCR-SP-C

**Schools and Early Education and Care Facilities**

**I. PWS INFORMATION:**

PWSID#:

1085000

PWS  
Name:

East Longmeadow DPW Water Division

PWS Town:

East Longmeadow

**II. REPORTING:**

Please type or print clearly using black ink.

- 310 CMR 22.068 (7)(a)9 requires the collection of lead and copper samples from at least two schools.
- Systems that serve any schools or EECFs must rotate through their list of schools/EECFs and collect at least two samples (kitchen and bubbler/fountain) from two schools/EECFs during each sampling round until all facilities are sampled before starting over.
- When selecting an EECF, the PWS should focus on School Age Child Care programs.
- List all schools/EECFs served by the distribution system in the order that they will be sampled.
- If you have more schools /early education and care facilities use LCR-C school and EECF continuation sheets as necessary.

	List all School/EECFs Name (and School Org code if known)	Check type		Was facility previously sampled by the PWS?	Date of next sample?
		School	EECF		
1	High school 180 Maple Street	X	<input type="checkbox"/>	Yes X No <input type="checkbox"/>	6/2020
2	Birchland Park School 50 Hanward Hill	X	<input type="checkbox"/>	Yes X No <input type="checkbox"/>	6/2020
3	Mapleshade School 175 Mapleshade Avenue	X	<input type="checkbox"/>	Yes X No <input type="checkbox"/>	
4	Meadowbrook School 697 Parker Street	X	<input type="checkbox"/>	Yes X No <input type="checkbox"/>	
5	Mountainview School 77 Hampden Road	X	<input type="checkbox"/>	Yes X No <input type="checkbox"/>	
6	The Kids Place Preschool 78 Shaker Road	<input type="checkbox"/>	X	Yes X No <input type="checkbox"/>	
7	Arbor Kids LLC 126 Industrial Drive	<input type="checkbox"/>	X	Yes <input type="checkbox"/> No X	
8	Pryme Tyme Nursery School 20 Baldwin Street	<input type="checkbox"/>	X	Yes X No <input type="checkbox"/>	
9	First Step Nursery School 310 Maple Street	<input type="checkbox"/>	X	Yes X No <input type="checkbox"/>	
10	Just Like Home 165 Shaker Road	<input type="checkbox"/>	X	Yes X No <input type="checkbox"/>	
11		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
12		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
13		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
14		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
15		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
16		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
17		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
18		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
19		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
20		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
21		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
22		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
23		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
24		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
25		<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	

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# Lead and Copper Sampling Plan

## Change in Sampling Site

LCR – Site Change

Please fill out and submit one form for up to 5 sample site locations that you are changing.

**I. PWS INFORMATION:**

PWS ID:	1085000	PWS Class:	COM <input checked="" type="checkbox"/> NTNC <input type="checkbox"/> TNC <input type="checkbox"/>
PWS Name:	East Longmeadow DPW Water Division	Population:	16162
PWS Address:	60 Center Square	Samples required:	30
City/Town:	East Longmeadow	Phone:	413-525-5400 ext-1204

**II: Change Request Summary – See Tier classification information below in Section E**

Original Sample Site Tier and class (e.g., Tier 1 A)	Primary or Alternative sample site (P or A?)	Original site address	New Sample Site Tier and class (e.g., Tier 1 A)	New site address
1B	P	31 Tracey Lane	1B	72 Cooley Avenue

Reason for change (attach additional pages if necessary): Homeowner changed their mind and does not want to participate.

**III. For Community Systems ONLY – To determine compliance with 310 CMR 22.06 B (7)**

- Are all of your sampling sites Tier 1 or the highest Tier sites possible for your entire distribution system as specified in 310 CMR 22.06 B (7)? No ☐ Yes ☒  
If "Yes", go to Section IV.
- If "No" to question 1, is there other Tier 1 or higher Tier sites in your entire distribution system? Yes ☐ No ☐ If "No", go to Section IV.
- If "Yes" to question 2, please describe your plan to solicit additional Tier 1 or highest Tier sites:

**IV. Certification**

My signature below indicates that the selected sampling sites have been subject to a materials evaluation and I have complied with 310 CMR 22:06B (7). I certify under penalty of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best of my knowledge and belief.

Signature of authorized party:

Date: 6/17/2020

Print name:

Felix S. Vachon

Title:

Water &amp; Sewer Administrator

Email:

felix.vachon@eastlongmeadowma.gov

Cell:

413-246-4245

**V. Classification Information****Classification Information for COM Systems****Tier 1 Classifications:**

- A: Single Family Residence (SFR) with Lead Service lines (LSL)  
A2: Multifamily Residence (MFR) w/ LSL if  $\geq 20\%$  connections served by PWS are MFRs  
A3: SFR with lead goosenecks/pigtails  
B: SFR with lead pipes or copper pipes with lead/tin solder–Built in 1983, 1984, or 1985  
B2: SFR with verified Lead/Tin Solder built in 1986 or later

**Tier 2 Classifications:**

- C: MFR with LSL and/or lead goosenecks/pigtails  
D: MFR with lead pipes or copper pipes with lead/tin solder built 1983, 1984 or 1985  
E: Private building with LSL and/or with lead goosenecks/pigtails  
F: Private building with lead pipe or copper pipe with lead/tin solder installed in 1983, 1984, or 1985

**Tier 3 Classifications:**

- G: SFRs with lead/tin solder built prior to 1983  
H: Other/exceptional cases

**Note:** Per 310 CMR 22.06B (7) a.8. Any water system whose distribution system contains lead service lines shall draw 50% of the samples it collects during each monitoring period from sites that contain lead pipes, or copper pipes with lead solder, and 50% of the samples from sites served by a lead service line. A water system that cannot identify a sufficient number of sampling sites served by a lead service line shall collect first-draw samples from all of the sites identified as being served by such lines.

**Classification Information for NTNC Systems****Tier 1 Classifications**

Contain copper pipes with lead solder installed after 1982, but before 1986; and/or with copper pipes with verified lead solder installed after 1985 (but before June 19, 1988 - the effective date of Massachusetts' lead ban); and/or contain lead pipes; and/or are served by a lead service line (LSL)

**Tier 2 Classifications**

Copper pipes with lead solder installed before 1983

**Tier 3 Classifications**

Representative sites throughout the distribution system

**Note:** A representative site is a site in which plumbing materials used would be commonly found at other sites served by the water system

**VI. For MassDEP/DWP use: All changes must be approved by MassDEP in writing.**

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