



Lead and Copper - 90th PERCENTILE COMPLIANCE Report

(For Systems Required to Collect More Than 5 Samples)

I. PWS INFORMATION: Please refer to your DEP Lead & Copper sampling plan for approved sampling locations.

PWS ID #: **1281000** City / Town: **SPRINGFIELD & LUDLOW**

PWS Name: **Springfield Water And Sewer Commiss** PWS Class: COM NTNC

Sampling Frequency: (choose one)	<input type="checkbox"/> FIRST SEMI-ANNUAL SAMPLING PERIOD	<input type="checkbox"/> REDUCED - EVERY THREE YEARS
	<input type="checkbox"/> SECOND SEMI-ANNUAL SAMPLING PERIOD	<input type="checkbox"/> LEAD SERVICE LINE (LSL) REPLACEMENT PROGRAM
	<input type="checkbox"/> REDUCED - ANNUAL	<input checked="" type="checkbox"/> DEMONSTRATION

Step 1: Place *lead* results in ascending order (from lowest to highest value) with lowest value at # 1, in the table below. Repeat for *copper* results. Please report results that are ND or less than (<) the laboratory's reported detection limit (MDL) as zero. Results at or above the laboratory's detection limit (MDL) but below 0.005 mg/L for lead or 0.05 mg/L for copper shall be reported as measured or may be reported as 0.0025 mg/L for lead or 0.025 mg/L for copper.

Step 2: Multiply the total number of samples collected by 0.9 (this is your 90th percentile sample number). Round to the nearest whole number, if necessary.

Step 3: Compare the sample result at the 90th percentile sample number against the corresponding action level. If the 90th percentile value is higher than the action level, then you have an exceedance and are required to contact MassDEP as soon as possible for information on compliance actions.

Note: Do not include school results on this form unless the PWS is a school.

LEAD RESULTS (mg/L)							
#	Results	#	Results	#	Results	#	Results
1*	<0.0010	16	<0.0010	31	<0.0010	46	0.0051
2	<0.0010	17	<0.0010	32	<0.0010	47	0.0082
3	<0.0010	18	<0.0010	33	<0.0010	48	0.0100
4	<0.0010	19	<0.0010	34	<0.0010	49	0.23
5	<0.0010	20	<0.0010	35	<0.0010	50	0.25
6	<0.0010	21	<0.0010	36	<0.0010	51	
7	<0.0010	22	<0.0010	37	<0.0010	52	
8	<0.0010	23	<0.0010	38	<0.0010	53	
9	<0.0010	24	<0.0010	39	<0.0010	54	
10	<0.0010	25	<0.0010	40	0.0012	55	
11	<0.0010	26	<0.0010	41	0.0014	56	
12	<0.0010	27	<0.0010	42	0.0018	57	
13	<0.0010	28	<0.0010	43	0.0021	58	
14	<0.0010	29	<0.0010	44	0.0024	59	
15	<0.0010	30	<0.0010	45	0.0050	60	

COPPER RESULTS (mg/L)							
#	Results	#	Results	#	Results	#	Results
1*	0.0058	16	0.030	31	0.047	46	0.082
2	0.0096	17	0.031	32	0.047	47	0.091
3	0.011	18	0.031	33	0.048	48	0.30
4	0.011	19	0.032	34	0.050	49	0.32
5	0.016	20	0.035	35	0.052	50	0.50
6	0.020	21	0.036	36	0.053	51	
7	0.020	22	0.037	37	0.054	52	
8	0.021	23	0.038	38	0.055	53	
9	0.022	24	0.039	39	0.055	54	
10	0.022	25	0.040	40	0.057	55	
11	0.023	26	0.040	41	0.058	56	
12	0.025	27	0.043	42	0.060	57	
13	0.026	28	0.044	43	0.060	58	
14	0.027	29	0.044	44	0.072	59	
15	0.029	30	0.044	45	0.074	60	



Massachusetts Department of Environmental Protection - Drinking Water Program **LCR-D**
Lead and Copper - 90th PERCENTILE COMPLIANCE Report
 (For Systems Required to Collect More Than 5 Samples)

***Lowest Value**

My system was required to collect: 0 lead and copper samples. My system collected: 50 lead and copper samples.

Total # of samples collected: 50 x 0.9 = 45 This number is my system's 90th percentile sample #.

Circle the 90th percentile sample # for both lead and copper in the table above, and enter the results in the appropriate spaces below.

0.0050 <small>(Lead result at 90th percentile sample#)</small>	Compared to 0.015 mg/L <small>(The lead action level)</small>	0.074 <small>(Copper result at 90th percentile sample#)</small>	Compared to 1.3 mg/L <small>(The copper action level)</small>
---	---	--	---

II. CERTIFICATION:

Check and complete the correct statement for lead as determined by the above results. If you have an exceedance and you are a community system you must comply with the Consumer Confidence Rule (CCR) reporting requirements in accordance with 310 CMR 22.16A(4)(i)6.

My system was **at or below** the lead action level.

My system **exceeded** the lead action level and

2
(Insert # of samples) sampling sites **exceeded** the lead action level.

Check and complete the correct statement for copper as determined from the above results. If you have an exceedance and you are a community system you must comply with the Consumer Confidence Rule (CCR) reporting requirements in accordance with 310 CMR 22.16A(4)(i)6.

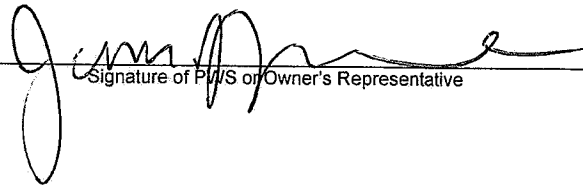
My system was **at or below** the copper action level.

My system **exceeded** the copper action level and

0
(Insert # of samples) sampling sites **exceeded** the copper action level.

My signature below indicates that all sampling sites on this report have been previously approved in writing by the DEP and that I have complied with 310 CMR 22.06B(7). I have also notified the owner of each sampling site of their sites' individual results. 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.

0 Director of Water Operations
Title


Signature of PWS or Owner's Representative

August 18, 2016
Date

Page 2 of 2

Please submit Form LCR-C along with this form.