



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 #: 1113003 City / Town: GREAT BARRINGTON, MA
 PWS Name: Housatonic Water Works PWS Class: COM NTNC

Sampling Frequency: (choose one)
 FIRST SEMI-ANNUAL SAMPLING PERIOD REDUCED - EVERY THREE YEARS
 SECOND SEMI-ANNUAL SAMPLING PERIOD LEAD SERVICE LINE (LSL) REPLACEMENT PROGRAM
 REDUCED - ANNUAL 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*	0.0011	16	0.013	31		46	
2	0.0013	17	0.017	32		47	
3	0.0013	18	0.018	33		48	
4	0.0014	19	0.023	34		49	
5	0.0029	20	0.027	35		50	
6	0.0030	21		36		51	
7	0.0030	22		37		52	
8	0.0034	23		38		53	
9	0.0034	24		39		54	
10	0.0038	25		40		55	
11	0.0042	26		41		56	
12	0.0045	27		42		57	
13	0.0055	28		43		58	
14	0.0062	29		44		59	
15	0.0094	30		45		60	

COPPER RESULTS (mg/L)							
#	Results	#	Results	#	Results	#	Results
1*	0.22	16	1.3	31		46	
2	0.27	17	1.3	32		47	
3	0.29	18	1.4	33		48	
4	0.52	19	1.5	34		49	
5	0.63	20	2.1	35		50	
6	0.66	21		36		51	
7	0.70	22		37		52	
8	0.71	23		38		53	
9	0.84	24		39		54	
10	0.92	25		40		55	
11	1.0	26		41		56	
12	1.1	27		42		57	
13	1.1	28		43		58	
14	1.2	29		44		59	
15	1.2	30		45		60	

***Lowest Value**

My system was required to collect: 20 lead and copper samples. My system collected: 20 lead and copper samples.

Total # of samples collected: 20 x 0.9 = 18 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.

<u>0.018</u> (Lead result at 90 th percentile sample#)	Compared to <u>0.015 mg/L</u> (The lead action level)	<u>1.4</u> (Copper result at 90 th percentile sample#)	Compared to <u>1.3 mg/L</u> (The copper action level)
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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 4 sampling sites **exceeded** the lead action level.
 (Insert # of samples)

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

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.

System Representative _____ Title _____ Signature of PWS or Owner's Representative _____ Date 7/8/16