



Lead and Copper Analysis Report

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

PWS ID #: **127500** City / Town: **South Hadley**
PWS Name: **South Hadley, Fd#1** PWS Class: **COM** ☒ **NTNC** ☐ **TNC** ☐

Routine or Special Samples	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below:	
		(1) Reason for Resubmission	(2) Collection Date of Original Sample
<input checked="" type="checkbox"/> RS <input type="checkbox"/> SS	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation	<input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction	
SAMPLE NOTES – (Such as, if a Manifold/Multiple sample, list the sources that were on-line during sample collection).			

II. ANALYTICAL LABORATORY INFORMATION:

Primary Lab MA Cert. #: **M-MA153** Primary Lab Name: **MWRA / Department Of Lab Services** Subcontracted? (Y/N) **N**

Analyte	Action Level (mg/L)	Lab Method	MDL (mg/L)	Analysis Lab MA Cert.#	Analysis Lab Name
Lead:	0.015	200.8	0.00005	M-MA153	MWRA / Department of Lab Services
Copper:	1.3	200.8	0.0002	M-MA153	MWRA / Department of Lab Services
LAB SAMPLE NOTES					

DEP Approved Sample Location (See DEP approved LCR plan for sampling locations)		Collection Date	LEAD		COPPER		Lab Sample ID#
			Result (mg/L)	Date Analyzed	Result (mg/L)	Date Analyzed	
1	4 Fairmont Ave	6/8/2016	0.000478	6/20/2016	0.00454	6/20/2016	3566003
2	11 Blueberry Bend	6/7/2016	0.00119	6/20/2016	0.0104	6/20/2016	3566004
3	45 Viviani st	6/7/2016	0.00283	6/20/2016	0.0174	6/20/2016	3566005
4	296 Brainard St	6/7/2016	0.0058	6/20/2016	0.016	6/20/2016	3566006
5	26 Ashton Lane	6/7/2016	0.000496	6/20/2016	0.00713	6/20/2016	3566007
6	6 Henry Rd	6/7/2016	0.00183	6/29/2016	0.0141	6/29/2016	3566008
7	12 Blueberry bend	6/7/2016	0.000466	6/20/2016	0.0139	6/20/2016	3566009
8	172 Lathrop St	6/7/2016	0.00412	6/20/2016	0.0162	6/20/2016	3566010
9	71 Lincoln Ave	6/7/2016	0.000599	6/20/2016	0.00834	6/20/2016	3566011
10	6 Crystal Lane	6/7/2016	0.000221	6/20/2016	0.00386	6/20/2016	3566014
11	29 1/2 Dale St	6/7/2016	0.00756	6/20/2016	0.0114	6/20/2016	3566015
12	64 McKinley Ave	6/8/2016	0.00122	6/20/2016	0.0136	6/20/2016	3566017
13	24 Highland Ave	6/8/2016	0.00458	6/20/2016	0.0273	6/20/2016	3566018
14	43 W Summit #20	6/9/2016	0.0013	6/20/2016	0.0116	6/20/2016	3566019
15	13 Pheasant Run	6/7/2016	0.000126	6/20/2016	0.00304	6/20/2016	3566020
16	283 Granby Rd	6/7/2016	0.00168	6/20/2016	0.00635	6/20/2016	3566021
17	43 W Summit Apt 8	6/7/2016	0.00102	6/20/2016	0.0211	6/20/2016	3566023
18	24 Alvord St	6/7/2016	0.00134	6/20/2016	0.02	6/20/2016	3566024
19	231 N Main	6/7/2016	0.00036	6/20/2016	0.0104	6/20/2016	3566026
20	43 W Summit #4	6/7/2016	0.000961	6/20/2016	0.0205	6/20/2016	3566028
21	7 Blueberry bend	6/7/2016	0.000586	6/20/2016	0.00611	6/20/2016	3566029
22	2 Glen St	6/7/2016	0.00652	6/20/2016	0.0179	6/20/2016	3566030
23	43 Summit Ave Apt 14	6/7/2016	0.00139	6/20/2016	0.022	6/20/2016	3566031
24	26 Alvord St	6/7/2016	0.00244	6/20/2016	0.0286	6/20/2016	3566032
25	589 Granby Rd	6/7/2016	0.000643	6/20/2016	0.121	6/20/2016	3566033
26	1 Pheasant Run	6/7/2016	0.000084	6/20/2016	<0.003	6/20/2016	3566034
27	587 Fuller St	6/9/2016	0.00109	6/29/2016	0.0243	6/29/2016	3566035
28	46 Richview Ave	6/9/2016	0.00234	6/20/2016	0.0202	6/20/2016	3566037
29	67 Alvord At	6/7/2016	0.000283	6/20/2016	0.0647	6/20/2016	3566042
30	43 W summit St #16	6/7/2016	0.00261	6/20/2016	0.0121	6/20/2016	3566043

**Lead and Copper Analysis Report**Report SCHOOL RESULTS collected in accordance with 310 CMR 22.06B (7)(a)9 below. Do not use these school results in 90th percentile calculations.

1	Brighter Beginnings Kitchen	6/9/2016	0.000633	6/20/2016	0.0398	6/20/2016	3565999
2	Brighter Beginnings Bubbler	6/9/2016	0.00362	6/20/2016	0.0195	6/20/2016	3566000
3	Plains Elementary Kitchen	6/6/2016	0.00168	6/29/2016	0.317	6/29/2016	3566001
4	Plains Elementary Bubbler	6/6/2016	0.0827	6/20/2016	0.0197	6/20/2016	3566002

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.

Primary Lab Director Signature: _____

Date: _____

7/8/2016

If not submitting these results electronically, mail ONE copy of this report to your DEP Regional Office no later than 10 days after the end of the month in which you received this report or no later than 10 days after the end of the reporting period, whichever is sooner.

COM & NTNC Public Water Suppliers must submit Forms **LCR-D** or **LCR-E** with this form to the appropriate DEP Regional Office.

DEP REVIEW STATUS (Initial & Date)	Review Comments
<input type="checkbox"/> Accepted _____ <input type="checkbox"/> Disapproved _____	

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**Lead and Copper - 90th PERCENTILE COMPLIANCE Report**

(For Systems Required to Collect 5 Samples)

I. PWS INFORMATION: Please refer to your DEP Lead & Copper sampling plan for approved sampling locations.PWS ID #: **127500** City / Town: **South Hadley**PWS Name: **South Hadley, Fd#1** PWS Class: COM ☒ NTNC ☐

Sampling Frequency: (choose one)	<input type="checkbox"/> FIRST SEMI-ANNUAL SAMPLING PERIOD	<input checked="" type="checkbox"/> REDUCED - EVERY THREE YEARS
	<input type="checkbox"/> SECOND SEMI-ANNUAL SAMPLING PERIOD	<input type="checkbox"/> LEAD SERVICE LINE (LSL) REPLACEMENT
	<input type="checkbox"/> REDUCED - ANNUAL	<input 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*	0.0000	16	0.0012	31		46	
2	0.0001	17	0.0013	32		47	
3	0.0002	18	0.0013	33		48	
4	0.0002	19	0.0013	34		49	
5	0.0003	20	0.0016	35		50	
6	0.0004	21	0.0018	36		51	
7	0.0004	22	0.0023	37		52	
8	0.0004	23	0.0024	38		53	
9	0.0005	24	0.0026	39		54	
10	0.0005	25	0.0028	40		55	
11	0.0006	26	0.0041	41		56	
12	0.0009	27	0.0045	42		57	
13	0.0010	28	0.0058	43		58	
14	0.0010	29	0.0065	44		59	
15	0.0011	30	0.0075	45		60	

COPPER RESULTS (mg/L)							
#	Results	#	Results	#	Results	#	Results
1*	<0.003	16	0.016	31		46	
2	0.0030	17	0.0162	32		47	
3	0.0038	18	0.0174	33		48	
4	0.0045	19	0.0174	34		49	
5	0.0061	20	0.0179	35		50	
6	0.0063	21	0.02	36		51	
7	0.0071	22	0.0202	37		52	
8	0.0083	23	0.0205	38		53	
9	0.0104	24	0.0211	39		54	
10	0.0114	25	0.022	40		55	
11	0.0116	26	0.0243	41		56	
12	0.0121	27	0.0273	42		57	
13	0.0136	28	0.0286	43		58	
14	0.0139	29	0.0647	44		59	
15	0.0141	30	0.121	45		60	

***Lowest Value**My system was required to collect: 30 lead and copper samples. My system collected: 30 lead and copper samples.Total # of samples collected: 30 x 0.9 = 27 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.

0.00458 mg/L (Lead result at 90 th percentile sample#)	Compared to 0.015 mg/L (The lead action level)	0.0273 mg/L (Copper result at 90 th percentile sample#)	Compared to 1.3 mg/L (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

_____ 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

_____ 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.

Title

Signature of PWS or Owner's Representative

Date