



Lead and Copper Analysis Report

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

PWS ID #: **1191000** City / Town: **MONSON**
 PWS Name: **Monson Water & Sewer Dept.** 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. #: **MA-100** Primary Lab Name: **Con-Test Analytical Lab** Subcontracted? (Y/N) **N**

Analyte	Action Level (mg/L)	Lab Method	MDL (mg/L)	Analysis Lab MA Cert.#	Analysis Lab Name
Lead:	0.015	EPA 200.8	0.0005	MA-100	CONTEST LAB
Copper:	1.3	EPA 200.8	0.001	MA-100	CONTEST LAB

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 17 Bethany Road	06/08/11	0.0026	06/10/11	0.48	06/10/11	11F0293-01
2 42 Circle Drive	06/08/11	0.0013	06/10/11	0.22	06/10/11	11F0293-02
3 33 Cushman Street	06/08/11	0.0037	06/10/11	0.12	06/10/11	11F0293-03
4 4 Hampden Avenue	06/08/11	0.0017	06/10/11	0.064	06/10/11	11F0293-04
5 20 Highland Avenue	06/08/11	0.0021	06/10/11	0.087	06/10/11	11F0293-05
6 22 Highland Avenue	06/08/11	0.0026	06/10/11	0.062	06/10/11	11F0293-06
7 8 King Lane	06/08/11	0.0026	06/10/11	0.14	06/10/11	11F0293-07
8 9 Mechanic Street	06/08/11	0.0013	06/10/11	0.14	06/10/11	11F0293-08
9 9 Mill Street	06/08/11	0.0015	06/10/11	0.12	06/10/11	11F0293-09
10 8 North Lane	06/08/11	0.0044	06/10/11	0.46	06/10/11	11F0293-10
11 5 Spring Street	06/09/11	0.0067	06/10/11	0.12	06/10/11	11F0293-11
12 21 Woodridge Road	06/08/11	0.0010	06/10/11	0.057	06/10/11	11F0293-12
13 19 Woodridge Road	06/08/11	0.0014	06/10/11	0.093	06/10/11	11F0293-13
14 144 Palmer Road	06/08/11	0.0013	06/10/11	0.063	06/10/11	11F0293-14
15 29 Circle Drive	06/08/11	0.0069	06/10/11	0.18	06/10/11	11F0293-15
16 40 Country Club Drive	06/08/11	0.00087	06/10/11	0.043	06/10/11	11F0293-16
17 4 Country Club Lane	06/07/11	0.0012	06/10/11	0.074	06/10/11	11F0293-17
18 28 Crest Road	06/08/11	0.0016	06/10/11	0.095	06/10/11	11F0293-18
19 5 Macomber Road	06/08/11	ND	06/10/11	0.014	06/10/11	11F0293-19
20 228 Palmer Road	06/08/11	0.0055	06/10/11	0.17	06/10/11	11F0293-20

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 Monson H.S. Fountain Gym Hall	06/08/11	0.00051	06/10/11	0.087	06/10/11	11F0299-01
2 Monson H.S. Sink	06/08/11	ND	06/10/11	0.052	06/10/11	11F0299-02
3 Stimulations Bathroom Sink	06/08/11	ND	06/10/11	0.018	06/10/11	11F0299-03
4 Stimulations Kitchen Sink	06/08/11	0.00052	06/10/11	0.021	06/10/11	11F0299-04

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: *M. Cullen*

Date: 7/26

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	



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 #: **1191000** City / Town: **MONSON**

PWS Name: **Monson Water & Sewer Department** 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 PROGRAM
	<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	16	0.0037	31		46	
2	0.00087	17	0.0044	32		47	
3	0.0010	18	0.0055	33		48	
4	0.0012	19	0.0067	34		49	
5	0.0013	20	0.0069	35		50	
6	0.0013	21		36		51	
7	0.0013	22		37		52	
8	0.0014	23		38		53	
9	0.0015	24		39		54	
10	0.0016	25		40		55	
11	0.0017	26		41		56	
12	0.0021	27		42		57	
13	0.0026	28		43		58	
14	0.0026	29		44		59	
15	0.0026	30		45		60	

COPPER RESULTS (mg/L)							
#	Results	#	Results	#	Results	#	Results
1*	0.014	16	0.170	31		46	
2	0.043	17	0.180	32		47	
3	0.057	18	0.220	33		48	
4	0.062	19	0.460	34		49	
5	0.063	20	0.480	35		50	
6	0.064	21		36		51	
7	0.074	22		37		52	
8	0.087	23		38		53	
9	0.093	24		39		54	
10	0.095	25		40		55	
11	0.120	26		41		56	
12	0.120	27		42		57	
13	0.120	28		43		58	
14	0.140	29		44		59	
15	0.140	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>0.0055</u> (Lead result at 90 th percentile sample#)	Compared to <u>0.015 mg/L</u> (The lead action level)	<u>0.220</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 _____ 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.

Superintendent
Title

Signature of PWS or Owner's Representative

7/8/2011
Date