

## MassDEP LCCA Program Water Sample Analysis Results

**Location:** South Hadley  
**Name of School:** South Hadley: South Hadley High  
**Facility Type:** Public School  
**Org Code:** 02780505  
**Sample Date:** 6/18/2018  
**Sampler Name:** John Tobiason  
**Laboratory:** MWRA CENTRAL LABORATORY

**Analytical Method:** EPA 200.8  
**Method Detection Limit (MDL):** See Results Table  
**Units of Measurement:** mg/L  
**Lead Action Level:** 0.015 mg/L

**Copper Action Level:** 1.3 mg/L

### NOTE:

'First Draw' means a 250 mL volume sample collected after an 8-18 hour stagnation period and prior to the first use of the tap.  
 'Flush' means a 250 mL volume sample collected from the flowing tap 30 seconds after the First Draw.  
 'MDL' is the minimum detection level that is reportable by the laboratory.

'ND (Non Detects)' means a concentration less than the MDL.

'Not Sampled' implies flush sample not collected because of common feed plumbing with adjacent results. Results highlighted in red are concentrations above the Action Level.

### Number of samples with concentration greater than the Action Level:

| Sample Location ID | Location Type | Location Description   | Method Detection Limit          |
|--------------------|---------------|--|---------------------------------|
| 001                | WC,           | South Hadley High School, WC SHOP HALLWAY OUTSIDE SHOP RM 103  | 0.001                           |
| 002                | WC,           | South Hadley High School, WC SHOP HALLWAY OUTSIDE CUSTODIAN RM | 0.001                           |
| 002                | WC,           | South Hadley High School, WC SHOP HALLWAY OUTSIDE CUSTODIAN RM | 0.00005 (Lead), 0.0002 (Copper) |

|     |     |   |                                 |
|-----|-----|---|---------------------------------|
| 003 | WC, | South Hadley High School, WC HALLWAY<br>400 BOTTLE FILL FILTER          | 0.001                           |
| 003 | WC, | South Hadley High School, WC HALLWAY<br>400 BOTTLE FILL FILTER          | 0.00005 (Lead), 0.0002 (Copper) |
| 004 | WC, | South Hadley High School, WC HALLWAY<br>400 BUBBLER                     | 0.001                           |
| 005 | WC, | South Hadley High School, WC HALLWAY<br>400 OUTSIDE RM 407              | 0.001                           |
| 005 | WC, | South Hadley High School, WC HALLWAY<br>400 OUTSIDE RM 407              | 0.00005 (Lead)                  |
| 006 | WC, | South Hadley High School, WC HALLWAY<br>400 OUTSIDE RM 507              | 0.001                           |
| 006 | WC, | South Hadley High School, WC HALLWAY<br>400 OUTSIDE RM 507              | 0.0002 (Copper)                 |
| 007 | WC, | South Hadley High School, WC HALLWAY<br>600 OUTSIDE GIRLS BATHROOM      | 0.001                           |
| 008 | WC, | South Hadley High School, WC ENTRY<br>HALLWAY - RIGHT BETWEEN BATHROOMS | 0.001                           |
| 009 | WC, | South Hadley High School, WC ENTRY<br>HALLWAY - LEFT BETWEEN BATHROOMS  | 0.001                           |
| 010 | CF, | South Hadley High School, RM 200 FAUCET                                 | 0.001                           |
| 011 | NS, | South Hadley High School, NURSES OFFICE<br>SINK FAUCET                  | 0.001                           |
| 012 | OT, | South Hadley High School, FACULTY ROOM<br>SINK FAUCET                   | 0.001                           |

|     |     |  |                 |
|-----|-----|--|-----------------|
| 013 | KC, | South Hadley High School, CULINARY RM 613 3 BAY - RIGHT                      | 0.001           |
| 014 | KC, | South Hadley High School, CULINARY RM 613 PREP SINK 2 BAY                    | 0.001           |
| 015 | KI, | South Hadley High School, TIGERS DEN ICE MACHINE                             | 0.001           |
| 016 | OT, | South Hadley High School, TIGERS DEN SINK FAUCET                             | 0.001           |
| 017 | WC, | South Hadley High School, WC HALLWAY 300 ACROSS FROM CAFETERIA 1 BOTTLE FILL | 0.001           |
| 018 | WC, | South Hadley High School, WC HALLWAY 300 ACROSS FROM CAFETERIA 1 BUBBLER     | 0.001           |
| 019 | WC, | South Hadley High School, WC OUTSIDE GIRLS LOCKER ROOM                       | 0.001           |
| 020 | WC, | South Hadley High School, WC OUTSIDE BOYS LOCKER ROOM                        | 0.001           |
| 021 | OT, | South Hadley High School, ICE MACHINE BOYS LOCKER ROOM - USED FOR DRINKS     | 0.001           |
| 022 | WC, | South Hadley High School, WC INSIDE CAFE #1                                  | 0.001           |
| 022 | WC, | South Hadley High School, WC INSIDE CAFE #1                                  | 0.0002 (Copper) |
| 023 | KC, | South Hadley High School, KITCHEN PREP SINK NEAR STOVE                       | 0.001           |
| 024 | KC, | South Hadley High School, KITCHEN PREP SINK NEAR REFRIGERATORS               | 0.001           |

|     |     |   |       |
|-----|-----|---|-------|
| 025 | KK, | South Hadley High School, KITCHEN KETTLE    | 0.001 |
| 026 | WC, | South Hadley High School, WC INSIDE CAFE #2 | 0.001 |

| Location Type Code | Location Type               |
|--------------------|-----------------------------|
| DW                 | Drinking Water Bubbler      |
| WC                 | Water Cooler (chiller unit) |
| CF                 | Classroom Faucet            |
| KC                 | Kitchen Faucet, Cold        |
| KK                 | Kitchen Kettle              |
| KI                 | Kitchen Ice Maker           |
| EC                 | Home Economics Room, Cold   |
| BF                 | Bathroom Faucet             |
| NS                 | Nurse's Office Sink         |
| SC                 | Service Connector           |
| OT                 | Other Location              |

or to any other use of the fixture.  
 aw sample is collected.

: fixture.

| <b>1</b>            | <b>2</b>       | <b>2</b>              | <b>3</b>         |
|---------------------|----------------|-----------------------|------------------|
| Lead First Draw (P) | Lead Flush (F) | Copper First Draw (P) | Copper Flush (F) |
| 0.00115             | 0.00122        | 0.0384                | 0.0383           |
| <b>0.027</b>        | <b>0.0287</b>  | <b>3.78</b>           | <b>2.82</b>      |
| <b>0.0273</b>       | <b>0.0286</b>  | <b>3.76</b>           | <b>2.71</b>      |

|                |                |                |                |
|----------------|----------------|----------------|----------------|
| ND             | Not Sampled    | 1.18           | Not Sampled    |
| ND             | Not Measured   | 1.22           | Not Measured   |
| ND             | ND             | 0.994          | 0.537          |
| 0.00507        | 0.019          | 0.165          | 0.211          |
| Not Measured   | 0.0187         | Not Applicable | Not Applicable |
| ND             | ND             | 1.09           | 2.66           |
| Not Applicable | Not Applicable | Not Measured   | 2.52           |
| ND             | ND             | 0.0608         | 0.0528         |
| ND             | Not Sampled    | 0.0318         | Not Sampled    |
| ND             | ND             | 0.0625         | 0.0318         |
| ND             | ND             | 0.0762         | 0.0471         |
| 0.00132        | ND             | 0.124          | 0.06           |
| ND             | ND             | 0.0844         | 0.0269         |

|                |                |        |             |
|----------------|----------------|--------|-------------|
| ND             | Not Sampled    | 0.0862 | Not Sampled |
| ND             | ND             | 0.0656 | 0.0448      |
| ND             | Not Sampled    | 0.0164 | Not Sampled |
| ND             | ND             | 0.0616 | 0.0628      |
| ND             | Not Sampled    | 0.754  | Not Sampled |
| ND             | ND             | 0.617  | 0.558       |
| ND             | ND             | 0.133  | 0.0949      |
| ND             | ND             | 0.119  | 0.093       |
| ND             | Not Sampled    | 0.0126 | Not Sampled |
| 0.00208        | 0.00228        | 2.44   | 4.2         |
| Not Applicable | Not Applicable | 2.38   | 4.24        |
| 0.00511        | ND             | 0.0611 | 0.0507      |
| 0.00301        | ND             | 0.0948 | 0.043       |

|         |    |        |        |
|---------|----|--------|--------|
| 0.00499 | ND | 0.0839 | 0.0429 |
| ND      | ND | 0.147  | 0.121  |