

**NEW YORK STATE DEPARTMENT OF HEALTH**  
**Bureau of Water Supply Protection**

**Water Systems Open**  
**Microbiological Sam**

|                                       |                             |                               |                                |
|---------------------------------------|-----------------------------|-------------------------------|--------------------------------|
| <b>Public Water System Name</b>       | <b>Reporting Month/Year</b> | <b>Date Report Submitted</b>  | <b>Source of Water Supply:</b> |
| <b>Town of Salem Water Department</b> | <b>May 2017</b>             | <b>43255</b>                  |                                |
| <b>Public Water System ID</b>         | <b>County</b>               | <b>Town, Village, or City</b> |                                |
| <b>5730106</b>                        | <b>Washington</b>           | <b>Town of Salem</b>          |                                |

| DATE | Treated water volume (1,000 gallons/day) |  | Chlorination           |                              |                                                 |                                              | Other Treatments / Readings |  |  |
|------|------------------------------------------|--|------------------------|------------------------------|-------------------------------------------------|----------------------------------------------|-----------------------------|--|--|
|      |                                          |  | Gaseous                |                              | Liquid                                          | Free chlorine residual at entry point (mg/l) | orthophosphate residual     |  |  |
|      |                                          |  | Cylinder weight (lbs.) | Chlorine used per day (lbs.) | Hypochlorite added to crock (gallons or quarts) |                                              |                             |  |  |
| 1    | 31536                                    |  |                        |                              |                                                 | 1.07                                         | 1.67                        |  |  |
| 2    | 39310                                    |  |                        |                              |                                                 | 1.11                                         | 1.91                        |  |  |
| 3    | 46646                                    |  |                        |                              |                                                 | 1.09                                         | 1.75                        |  |  |
| 4    | 49720                                    |  |                        |                              |                                                 | 1.04                                         | 1.47                        |  |  |
| 5    | 41836                                    |  |                        |                              |                                                 | 0.97                                         | 1.64                        |  |  |
| 6    | 36726                                    |  |                        |                              |                                                 | 1.01                                         | 1.76                        |  |  |
| 7    | 41204                                    |  |                        |                              |                                                 | 0.96                                         | 1.1                         |  |  |
| 8    | 40470                                    |  |                        |                              |                                                 | 1.09                                         | 1.86                        |  |  |
| 9    | 42256                                    |  |                        |                              |                                                 | 1.04                                         | 1.35                        |  |  |
| 10   | 42404                                    |  |                        |                              |                                                 | 1.03                                         | 1.15                        |  |  |
| 11   | 48976                                    |  |                        |                              |                                                 | 1.19                                         | 0.7                         |  |  |
| 12   | 46436                                    |  |                        |                              |                                                 | 1.14                                         | 0.72                        |  |  |
| 13   | 40162                                    |  |                        |                              |                                                 | 1.12                                         | 0.72                        |  |  |
| 14   | 36918                                    |  |                        |                              |                                                 | 1.1                                          | 0.88                        |  |  |
| 15   | 43344                                    |  |                        |                              |                                                 | 1.09                                         | 0.85                        |  |  |
| 16   | 44186                                    |  |                        |                              |                                                 | 1.06                                         | 0.94                        |  |  |
| 17   | 47686                                    |  |                        |                              |                                                 | 1.08                                         | 1.02                        |  |  |
| 18   | 47004                                    |  |                        |                              |                                                 | 1.18                                         | 1.14                        |  |  |
| 19   | 49268                                    |  |                        |                              |                                                 | 0.99                                         | 1.87                        |  |  |
| 20   | 34776                                    |  |                        |                              |                                                 | 0.95                                         | 1.38                        |  |  |
| 21   | 42220                                    |  |                        |                              |                                                 | 1.17                                         | 1.21                        |  |  |
| 22   | 50808                                    |  |                        |                              |                                                 | 1                                            | 1.56                        |  |  |
| 23   | 42422                                    |  |                        |                              |                                                 | 1.04                                         | 1.81                        |  |  |
| 24   | 55500                                    |  |                        |                              |                                                 | 1.14                                         | 1.58                        |  |  |
| 25   | 54074                                    |  |                        |                              |                                                 | 1.12                                         | 1.42                        |  |  |
| 26   | 57218                                    |  |                        |                              |                                                 | 1.13                                         | 1.41                        |  |  |
| 27   | 58040                                    |  |                        |                              |                                                 | 1.15                                         | 1.32                        |  |  |
| 28   | 45038                                    |  |                        |                              |                                                 | 1.14                                         | 1.21                        |  |  |

|              |                   |         |  |         |         |                 |             |         |         |
|--------------|-------------------|---------|--|---------|---------|-----------------|-------------|---------|---------|
| 29           | <b>50250</b>      |         |  |         |         | <b>1.11</b>     | 1.43        |         |         |
| 30           | <b>61040</b>      |         |  |         |         | <b>1.08</b>     | 1.43        |         |         |
| 31           | <b>55388</b>      |         |  |         |         | <b>1.02</b>     | 1.72        |         |         |
| <b>Total</b> | <b>1422862</b>    | 0       |  | 0       | 0       |                 | 41.98       | 0       |         |
| <b>AVG.</b>  | <b>15898.7741</b> | #DIV/0! |  | #DIV/0! | #DIV/0! | <b>07774193</b> | 1.354193548 | #DIV/0! | #DIV/0! |

Does a M&AR violation exist? **No**      Does an MCL violation exist **No**      Population Served **915**

Did an emergency occur in any part of the water system? **No**      Does the system have a disinfection waiver? **No**

Reported by Eric Rogers      Title: Water Plant Operator      Certification Number NY0036794

Signature: \_\_\_\_\_      Date: 43255      Operator Grade Level C