

NYSDOH Water Bacteriology Study 418 October 2018

| Matrix | Lot | Sample | Analyte | Qual Value | AV | Labs Passing | Labs Failing | Overall Score |   |   |
|--------|-----|--------|---------|------------|----|--------------|--------------|---------------|---|---|
| PW     | 1   | 01     | TOTAL   | P          | 57 | 114          | 1            |               |   |   |
| PW     | 1   | 01     | ECOLI   | P          | 57 | 115          | 0            |               |   |   |
| PW     | 1   | 02     | TOTAL   | P          | 84 | 115          | 0            |               |   |   |
| PW     | 1   | 02     | ECOLI   | N          |    | 115          | 0            |               |   |   |
| PW     | 1   | 03     | TOTAL   | P          | 55 | 114          | 1            |               |   |   |
| PW     | 1   | 03     | ECOLI   | P          | 55 | 115          | 0            |               |   |   |
| PW     | 1   | 04     | TOTAL   | P          | 57 | 113          | 2            |               |   |   |
| PW     | 1   | 04     | ECOLI   | P          | 57 | 113          | 2            |               |   |   |
| PW     | 1   | 05     | TOTAL   | P          | 84 | 114          | 1            |               |   |   |
| PW     | 1   | 05     | ECOLI   | N          |    | 114          | 1            |               |   |   |
| PW     | 1   | 06     | TOTAL   | N          |    | 115          | 0            |               |   |   |
| PW     | 1   | 06     | ECOLI   | N          |    | 115          | 0            |               |   |   |
| PW     | 1   | 07     | TOTAL   | N          |    | 115          | 0            |               |   |   |
| PW     | 1   | 07     | ECOLI   | N          |    | 115          | 0            |               |   |   |
| PW     | 1   | 08     | TOTAL   | P          | 94 | 115          | 0            |               |   |   |
| PW     | 1   | 08     | ECOLI   | N          |    | 115          | 0            |               |   |   |
| PW     | 1   | 09     | TOTAL   | P          | 85 | 115          | 0            |               |   |   |
| PW     | 1   | 09     | ECOLI   | N          |    | 114          | 1            |               |   |   |
| PW     | 1   | 10     | TOTAL   | P          | 54 | 114          | 1            |               |   |   |
| PW     | 1   | 10     | ECOLI   | P          | 54 | 114          | 1            | 110           | - | 5 |
| PW     | 2   | 01     | TOTAL   | P          | 85 | 29           | 0            |               |   |   |
| PW     | 2   | 01     | ECOLI   | N          |    | 29           | 0            |               |   |   |
| PW     | 2   | 02     | TOTAL   | P          | 84 | 29           | 0            |               |   |   |
| PW     | 2   | 02     | ECOLI   | N          |    | 29           | 0            |               |   |   |
| PW     | 2   | 03     | TOTAL   | P          | 57 | 29           | 0            |               |   |   |
| PW     | 2   | 03     | ECOLI   | P          | 57 | 29           | 0            |               |   |   |
| PW     | 2   | 04     | TOTAL   | P          | 55 | 29           | 0            |               |   |   |
| PW     | 2   | 04     | ECOLI   | P          | 55 | 29           | 0            |               |   |   |
| PW     | 2   | 05     | TOTAL   | N          |    | 29           | 0            |               |   |   |
| PW     | 2   | 05     | ECOLI   | N          |    | 29           | 0            |               |   |   |
| PW     | 2   | 06     | TOTAL   | P          | 54 | 29           | 0            |               |   |   |
| PW     | 2   | 06     | ECOLI   | P          | 54 | 29           | 0            |               |   |   |
| PW     | 2   | 07     | TOTAL   | P          | 84 | 29           | 0            |               |   |   |
| PW     | 2   | 07     | ECOLI   | N          |    | 29           | 0            |               |   |   |
| PW     | 2   | 08     | TOTAL   | N          |    | 29           | 0            |               |   |   |
| PW     | 2   | 08     | ECOLI   | N          |    | 29           | 0            |               |   |   |
| PW     | 2   | 09     | TOTAL   | P          | 57 | 29           | 0            |               |   |   |
| PW     | 2   | 09     | ECOLI   | P          | 57 | 29           | 0            |               |   |   |
| PW     | 2   | 10     | TOTAL   | P          | 94 | 29           | 0            |               |   |   |
| PW     | 2   | 10     | ECOLI   | N          |    | 29           | 0            | 29            | - | 0 |

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| Matrix | Lot | Sample | Analyte | Qual Value | AV | Labs Passing | Labs Failing | Overall Score |   |
|--------|-----|--------|---------|------------|----|--------------|--------------|---------------|---|
| PW     | 3   | 01     | TOTAL   | N          |    | 8            | 0            |               |   |
| PW     | 3   | 01     | ECOLI   | N          |    | 8            | 0            |               |   |
| PW     | 3   | 02     | TOTAL   | P          | 94 | 8            | 0            |               |   |
| PW     | 3   | 02     | ECOLI   | N          |    | 8            | 0            |               |   |
| PW     | 3   | 03     | TOTAL   | P          | 54 | 8            | 0            |               |   |
| PW     | 3   | 03     | ECOLI   | P          | 54 | 8            | 0            |               |   |
| PW     | 3   | 04     | TOTAL   | P          | 84 | 8            | 0            |               |   |
| PW     | 3   | 04     | ECOLI   | N          |    | 8            | 0            |               |   |
| PW     | 3   | 05     | TOTAL   | P          | 85 | 8            | 0            |               |   |
| PW     | 3   | 05     | ECOLI   | N          |    | 8            | 0            |               |   |
| PW     | 3   | 06     | TOTAL   | P          | 57 | 8            | 0            |               |   |
| PW     | 3   | 06     | ECOLI   | P          | 57 | 8            | 0            |               |   |
| PW     | 3   | 07     | TOTAL   | P          | 57 | 8            | 0            |               |   |
| PW     | 3   | 07     | ECOLI   | P          | 57 | 8            | 0            |               |   |
| PW     | 3   | 08     | TOTAL   | N          |    | 8            | 0            |               |   |
| PW     | 3   | 08     | ECOLI   | N          |    | 8            | 0            |               |   |
| PW     | 3   | 09     | TOTAL   | P          | 55 | 8            | 0            |               |   |
| PW     | 3   | 09     | ECOLI   | P          | 55 | 8            | 0            |               |   |
| PW     | 3   | 10     | TOTAL   | P          | 84 | 8            | 0            |               |   |
| PW     | 3   | 10     | ECOLI   | N          |    | 8            | 0            | 8             | 0 |

| Matrix | Lot | Sample | Analyte       | Qual Value | AV   | Labs Passing | Labs Failing | Acceptance Limits |   | u <sub>m</sub> | u <sub>interval</sub> |             |
|--------|-----|--------|---------------|------------|------|--------------|--------------|-------------------|---|----------------|-----------------------|-------------|
| PW     | 1   | 11     | HPC - MPN     |            | 177  | 19           | 2            | 119               | - | 323            |                       |             |
| PW     | 1   | 11     | HPC - PP      |            | 177  | 71           | 8            | 151               | - | 255            | 0.119                 | 134 - 234   |
| NW     | 1   | 12     | TCF - MPN     |            | 1677 | 14           | 0            | 629               | - | 8400           | 0.1964                | 1066 - 2637 |
| NW     | 1   | 12     | TCF - MF      |            | 1677 | 33           | 1            | 942               | - | 3020           |                       |             |
| NW     | 1   | 13     | FCF - MPN     |            | 1550 | 45           | 2            | 371               | - | 7360           | 0.1943                | 990 - 2426  |
| NW     | 1   | 13     | FCF - MF      |            | 1550 | 50           | 2            | 681               | - | 3480           |                       |             |
| NW     | 1   | 14     | Enterococci   |            | 519  | 24           | 2            | 253               | - | 816            | 0.1654                | 354 - 761   |
| PW     | 1   | 15     | E. coli - MPN |            | 86   | 27           | 2            | 52                | - | 139            | 0.1178                | 65 - 114    |
| PW     | 1   | 15     | E. coli - MF  |            | 86   | 13           | 2            | 70                | - | 179            |                       |             |
| NW     | 1   | 16     | E. coli - MPN |            | 1677 | 24           | 0            | 686               | - | 3130           | 0.1964                | 1066 - 2637 |
| NW     | 1   | 16     | E. coli - MF  |            | 1677 | 17           | 0            | 876               | - | 3000           |                       |             |

