

Water System Field Compliance Report: A Review of Compliance with Subpart 5-1 of the New York State Sanitary Code

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|--|---------------------------------------|
| Public Water System Name <u>Oakridge Water District</u> | Street Address <u>Oakridge Dr.</u> |
| Town, Village, or City <u>Lewisboro (T)</u> | County <u>Westchester</u> |

PWS ID Number N Y 5 9 1 8 3 9 5 PWS Type ☒ C ☐ NC ☐ NTNC ☐ NP
Source Type ☐ Surface ☒ Ground ☐ GWUDI Date of Service 09 / 14 / 21
M M D D Y Y

Begin Time 10 : 10 End Time 14 : 47
H H M M H H M M

Disinfection Waiver Issued? ☐ Yes ☐ No 4-Log Virus Treatment? ☒ Yes ☐ No

Field Visit Type ☐ Pre-operational ☐ Complaint ☐ Incident ☐ Illness ☐ Reinspection ☒ Sanitary Survey ☐ Inspection

| Part 5 Subsection | Summary Description of Sanitary Code Requirement | SDWIS | Status |
|--|--|-------|--------|
| 5-1.12(a) | Appropriate actions are taken in response to deteriorating source water quality or diminished effectiveness of treatment with potential for MCL violation. | SA | 1 |
| 5-1.22(a) | Obtain health department approval prior to the construction or modification of a water system. | SB | 1 |
| 5-1.23(a) | Obtain health department approval prior to use of an emergency water supply or alteration of a treatment process necessary to protect public health. | SD | 1 |
| 5-1.27 | Maintain minimum distribution system pressure of 20 psi at ground level. | SH | 1 |
| 5-1.30 | Bypass of any stage of treatment. | SJ | 1 |
| 5-1.30 | Disinfection of a groundwater source, surface water source or groundwater source influenced by surface water. | ND 41 | 1 |
| 5-1.30(b) | Filtration of surface source and groundwater influenced by surface water unless avoidance criteria is met. | 42 | 4 |
| 5-1.30(b)(2) | Free chlorine residual disinfection concentration in the water entering the distribution system must be at least 0.2 mg/l and may not be less than the minimum concentration for compliance for more than four hours. Systems using other chemical disinfectants shall maintain residual disinfection levels entering the distribution system comparable to requirements for systems using chlorination. | 41 | 1 |
| 5-1.30(g) | Maintain free chlorine residual at representative points in the distribution system. | NR | 1 |
| 5-1.31 | Protect the water distribution system from the creation of cross connections of sufficient hazard to adversely affect the health of water consumers. | SJ | 1 |
| 5-1.71(a) | Exercise due care and diligence in the maintenance and supervision of all sources of the public water to prevent so far as possible, their pollution and depletion. | SN | 1 |
| 5-1.71(b) | Exercise due care and diligence in the operation and maintenance of a water treatment plant and distribution system. | SO | 1 |
| Have all outstanding violations been resolved? <input type="checkbox"/> Yes <input type="checkbox"/> No Explain _____ _____ _____ | | | |

| Part 5 Subsection | Deficiency (Circle) | Summary Description of Sanitary Code Requirement | SDWIS | Status |
|--|---------------------|---|----------|--------|
| 5-1.23(c) | M | Conspicuous posting of Sanitary Code Section 5-1.23, "Reporting Emergencies." | SF | 1 |
| 5-1.29 | S M | Finished (treated) water used for priming pumps. | | 4 |
| 5-1.30 | S M | Redundant disinfection equipment provided. | ND | 1 |
| 5-1.30 (e) | S | Complies with disinfection waiver provision. | ND | 4 |
| 5-1.31(a)(3) | S M | Cross connection control program is implemented by supplier of water, including records of all device testing. | SJ | 1 |
| 5-1.72(c) | S M | Complete daily records of operation of a water system. | 09 10 | 1 |
| 5-1.72(d) | S M | Maintain records (e.g., sample results, reports, filter backwash recycle flow information). | 09 | 1 |
| 5-1.72(b) | S | System is in compliance with Subpart 5-4. The correct number and level of operator(s) are available during plant operation. System has designated operators of appropriate grade level in responsible charge. | SQ SY 12 | 1 |
| 5-1.73 | S M | Provide or have available test kit. | | 1 |
| App.5-A 3.2.1 | S M | Developed well sources sufficient to meet maximum day demand with the largest well out of service. | | 1 |
| App.5-A 6.1 | S | Pumps are accessible for maintenance and 3 feet above the 100 year flood plain. | | 1 |
| App.5-A.70.3 | S M | Water tanks, hatches, roofing, and access ways are watertight, vermin proof, and secure. | | 1 |
| App.5-A.70.7 | S M | Tank overflow terminates 12"-24" above grade with proper screen on outlet. | | 1 |
| App.5-B.2(d) | S M | Finished grade of well is mounded to divert surface water. | | 1 |
| App.5-B.5(g) | S | Vented, water tight, vermin proof sanitary seal well cap. | SO | 1 |
| App.5-D.3(b) | S M | Well casing in good condition and more than 18" above grade. | | 1 |
| Chlorine Residual <u>1.69</u> mg/l Sample Collection Time <u>12</u> : <u>00pm</u> Point of Collection <u>Entry Point</u> Chlorine Residual <u>1.19</u> mg/l Sample Collection Time <u>11</u> : <u>30am</u> Point of Collection <u>Distribution - Maplewood Bldg #32</u> | | | | |

Comments See comment letter

Completed by [Signature] Date 9 / 14 / 21

Received by [Signature] Date 09 / 14 / 21

Status Codes: 1. No violation observed 2. All or parts of an item in violation 3. Item was not reviewed 4. Item not applicable 5. Item(s) corrected during inspection
Deficiency Codes: S: Significant Deficiency M: Minor Deficiency R: Recommendation