



**WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH** March 2025

| SPDES PERMIT |      |                      | FACILITY NAME             |                   |                                  | FACILITY OWNER      |  |                  | FACILITY LOCATION                 |                  |                        |                        |   |                     |               |   |               |
|--------------|------|----------------------|---------------------------|-------------------|----------------------------------|---------------------|--|------------------|-----------------------------------|------------------|------------------------|------------------------|---|---------------------|---------------|---|---------------|
| NY-- 0271420 |      |                      | Village of Red Hook Sewer |                   |                                  | Village of Red Hook |  |                  | 7467 S Broadway Red Hook, NY12571 |                  |                        |                        |   |                     |               |   |               |
| Day          | Date | Daily Precip in/day  | VOLUME OF SEWAGE TREATED  |                   |                                  | TEMPERATURE (°F.)   |  | pH (S.U)         |                                   |                  |                        | SETTLABLE SOLIDS       |   | B.O.D. <sub>5</sub> |               | SUSPENDED SOLIDS  |               |
|              |      |                      | Inst.Max. MGD             | Daily Average MGD | Inst. Min MGD                    | Influent (2)        | Effluent (2)                           | Influent Minimum | Influent Maximum                  | Effluent Minimum | Effluent Maximum       | Influent Maximum       | Effluent Maximum  | Influent Type       | Effluent Type | Influent Type   | Effluent Type |
| Sat          | 01   | 0.01                 |                           | 0.029             |                                  | 49                  | 48                                     |                  | 6.6                               |                  | 7.6                    | <0.1                   | <0.1  |                     |               |   |               |
| Sun          | 02   | T                    |                           | 0.036             |                                  | 47                  | 49                                     |                  | 6.5                               |                  | 7.4                    | <0.1                   | <0.1  |                     |               |   |               |
| Mon          | 03   | 0.00                 |                           | 0.043             |                                  | 52                  | 47                                     |                  | 6.6                               |                  | 7.6                    | 80                     | <0.1  |                     |               |   |               |
| Tue          | 04   | 0.00                 |                           | 0.044             |                                  | 49                  | 51                                     |                  | 7.2                               |                  | 7.5                    | 110                    | <0.1  |                     |               |   |               |
| Wed          | 05   | 0.01                 |                           | 0.045             |                                  | 47                  | 50                                     |                  | 6.1                               |                  | 7.5                    | 5                      | <0.1  |                     |               |   |               |
| Thur         | 06   | 0.98                 |                           | 0.048             |                                  | 46                  | 50                                     |                  | 6.8                               |                  | 7.7                    | 3                      | <0.1  |                     |               |   |               |
| Fri          | 07   | 0.09                 |                           | 0.042             |                                  | 48                  | 49                                     |                  | 6.8                               |                  | 7.5                    | 3                      | <0.1  |                     |               |   |               |
| Sat          | 08   | 0.00                 |                           | 0.036             |                                  | 48                  | 46                                     |                  | 6.7                               |                  | 7.4                    | 3                      | <0.1  |                     |               |   |               |
| Sun          | 09   | 0.00                 |                           | 0.032             |                                  | 49                  | 46                                     |                  | 6.7                               |                  | 7.2                    | <0.1                   | <0.1  |                     |               |   |               |
| Mon          | 10   | 0.00                 |                           | 0.036             |                                  | 48                  | 48                                     |                  | 7.1                               |                  | 7.4                    | 60                     | <0.1  |                     |               |   |               |
| Tue          | 11   | 0.00                 |                           | 0.040             |                                  | 49                  | 48                                     |                  | 6.7                               |                  | 7.5                    | 5                      | <0.1  | 82                  |               |   | 104           |
| Wed          | 12   | 0.00                 |                           | 0.054             |                                  | 47                  | 46                                     |                  | 6.7                               |                  | 7.6                    | 4                      | <0.1  |                     |               |   |               |
| Thur         | 13   | 0.00                 |                           | 0.037             |                                  | 48                  | 49                                     |                  | 6.7                               |                  | 7.8                    | 4                      | <0.1  |                     |               |   |               |
| Fri          | 14   | 0.00                 |                           | 0.046             |                                  | 49                  | 49                                     |                  | 6.7                               |                  | 7.9                    | 3                      | <0.1  |                     |               |   |               |
| Sat          | 15   | 0.00                 |                           | 0.036             |                                  | 48                  | 47                                     |                  | 6.9                               |                  | 7.2                    | <0.0                   | <0.1  |                     |               |   |               |
| Sun          | 16   | 0.00                 |                           | 0.052             |                                  | 48                  | 50                                     |                  | 7.4                               |                  | 7.2                    | 50                     | <0.1  |                     |               |   |               |
| Mon          | 17   | 0.85                 |                           | 0.047             |                                  | 48                  | 49                                     |                  | 6.6                               |                  | 7.3                    | 3                      | <0.1  |                     |               |   |               |
| Tue          | 18   | 0.05                 |                           | 0.038             |                                  | 50                  | 50                                     |                  | 6.6                               |                  | 8.4                    | 3                      | <0.1  |                     |               |   |               |
| Wed          | 19   | 0.00                 |                           | 0.044             |                                  | 48                  | 49                                     |                  | 6.7                               |                  | 7.9                    | 2                      | <0.1  |                     |               |   |               |
| Thur         | 20   | 0.00                 |                           | 0.002             |                                  | 50                  | 51                                     |                  | 6.7                               |                  | 7.9                    | 2                      | <0.1  |                     |               |   |               |
| Fri          | 21   | 0.81                 |                           | 0.051             |                                  | 51                  | 52                                     |                  | 6.7                               |                  | 8.0                    | 0                      | <0.1  |                     |               |   |               |
| Sat          | 22   | 0.00                 |                           | 0.035             |                                  | 55                  | 51                                     |                  | 7.2                               |                  | 7.8                    | 3                      | <0.1  |                     |               |   |               |
| Sun          | 23   | 0.00                 |                           | 0.035             |                                  | 58                  | 53                                     |                  | 7.3                               |                  | 7.6                    | 4                      | <0.1  |                     |               |   |               |
| Mon          | 24   | T                    |                           | 0.035             |                                  | 56                  | 51                                     |                  | 7.0                               |                  | 7.7                    | 2                      | <0.1  |                     |               |   |               |
| Tue          | 25   | 0.13                 |                           | 0.042             |                                  | 51                  | 50                                     |                  | 6.9                               |                  | 7.7                    | 2                      | <0.1  |                     |               |   |               |
| Wed          | 26   | 0.00                 |                           | 0.034             |                                  | 50                  | 51                                     |                  | 6.8                               |                  | 7.8                    | 0                      | <0.1  |                     |               |   |               |
| Thur         | 27   | 0.09                 |                           | 0.059             |                                  | 49                  | 50                                     |                  | 7.8                               |                  | 7.9                    | 0                      | <0.1  |                     |               |   |               |
| Fri          | 28   | 0.00                 |                           | 0.045             |                                  | 51                  | 51                                     |                  | 6.8                               |                  | 7.9                    | 0                      | <0.1  |                     |               |   |               |
| Sat          | 29   | 0.01                 |                           | 0.039             |                                  | 48                  | 50                                     |                  | 7.2                               |                  | 7.9                    | 4                      | <0.1  |                     |               |   |               |
| Sun          | 30   | 0.06                 |                           | 0.029             |                                  | 49                  | 50                                     |                  | 7.1                               |                  | 7.9                    | 3.0                    | <0.1  |                     |               |   |               |
| Mon          | 31   | 0.17                 |                           | 0.038             |                                  | 46                  | 50                                     |                  | 6.8                               |                  | 8.4                    | <0.1                   | <0.1  |                     |               |   |               |
|              |      | <b>Total Precip.</b> | <b>Monthly Average</b>    |                   | <b>Average Influent Effluent</b> |                     | <b>Minimum Maximum Minimum Maximum</b> |                  |                                   |                  | <b>Monthly Maximum</b> | <b>Monthly Maximum</b> | <b>30 day flow-weighted avg (1) Inf.(mg/l) Eff.(mg/l) Rem.%</b> |                     |               | <b>30 day flow-weighted avg (1) Inf.(mg/l) Eff.(mg/l) Rem.%</b> |               |
|              |      | 3.26                 | 0.040                     |                   | 49 49                            |                     | 6.1 7.8 7.2 8.4                        |                  |                                   |                  | 110.0                  | <0.1                   | 82 ####   |                     |               | 104 ####  |               |
|              |      |                      |                           |                   |                                  |                     |  |                  |                                   |                  | <b>30 Day Quantity</b> |                        | 27.11 lbs/day   |                     | 34.39 lbs/day |   |               |

| FACILITY MAILING ADDRESS (Street, City, State, Zip code) |      |                              |               | TELEPHONE NUMBER |         | CHIEF OPERATOR'S NAME                         |  | CERTIFICATION GRADE |  |
|--|------|------------------------------|---------------|------------------|---------|---|--|---------------------|--|
| 14 Old Route 199 Red Hook, NY 12571                      |      |                              |               | 845-244-0129     |         | C3ND ENVIRONMENTAL                            |  | 2A                  |  |
| Day  | Date | TOTAL PHOSPHORUS(mg/l)       |               | Ultra Violet     |         | FECAL COLIFORM<br>Effluent<br>MF or MPN/100ml | REMARKS<br>Enter any other comments, observations, operating problems, equipment failure, etc  |                     |  |
|  |      | Influent Type                | Effluent Type | MW/CM2<br>#1     | #2      |   |  |                     |  |
| Sat  | 01   |                              |               | 100%             | 0%      |   | Red Hook Commons UV'S not currently working & in need of replacement of Bulb's.  |                     |  |
| Sun  | 02   |                              |               | 100%             | 0%      |   | There has been customer complaints referencing odor from wastewater treatment plant, initial investigation found that some odors are coming from odors wastewater discharge, while other investigations have found that the odor seems to be coming from the facilities EQ tank vent. The village is aware & are working on a remediation for the odors from the EQ vent line. |                     |  |
| Mon  | 03   |                              |               | 100%             | 0%      |   |  |                     |  |
| Tue  | 04   |                              |               | 100%             | 0%      |   |  |                     |  |
| Wed  | 05   |                              |               | 100%             | 0%      |   |  |                     |  |
| Thur   | 06   |                              |               | 100%             | 0%      |   |  |                     |  |
| Fri  | 07   |                              |               | 100%             | 0%      |   |  |                     |  |
| Sat  | 08   |                              |               | 100%             | 0%      |   |  |                     |  |
| Sun  | 09   |                              |               | 100%             | 0%      |   |  |                     |  |
| Mon  | 10   |                              |               | 100%             | 0%      |   |  |                     |  |
| Tue  | 11   |                              |               | 100%             | 0%      | 24196   |  |                     |  |
| Wed  | 12   |                              |               | 100%             | 0%      |   |  |                     |  |
| Thur   | 13   |                              |               | 100%             | 0%      |   |  |                     |  |
| Fri  | 14   |                              |               | 100%             | 0%      |   |  |                     |  |
| Sat  | 15   |                              |               | 100%             | 0%      |   |  |                     |  |
| Sun  | 16   |                              |               | 100%             | 0%      |   |  |                     |  |
| Mon  | 17   |                              |               | 100%             | 0%      |   |  |                     |  |
| Tue  | 18   |                              |               | 100%             | 0%      |   |  |                     |  |
| Wed  | 19   |                              |               | 100%             | 0%      |   |  |                     |  |
| Thur   | 20   |                              |               | 100%             | 0%      |   |  |                     |  |
| Fri  | 21   |                              |               | 100%             | 0%      |   |  |                     |  |
| Sat  | 22   |                              |               | 100%             | 0%      |   |  |                     |  |
| Sun  | 23   |                              |               | 100%             | 0%      |   |  |                     |  |
| Mon  | 24   |                              |               | 100%             | 0%      |   |  |                     |  |
| Tue  | 25   |                              |               | 100%             | 0%      |   |  |                     |  |
| Wed  | 26   |                              |               | 100%             | 0%      |   |  |                     |  |
| Thur   | 27   |                              |               | 100%             | 0%      |   |  |                     |  |
| Fri  | 28   |                              |               | 100%             | 0%      |   |  |                     |  |
| Sat  | 29   |                              |               | 100%             | 0%      |   |  |                     |  |
| Sun  | 30   |                              |               | 100%             | 0%      |   |  |                     |  |
| Mon  | 31   |                              |               | 100%             | 0%      |   |  |                     |  |
|  |      | 30 day flow-weighted avg.(1) |               | Monthly          |         | 30 day Geometric Mean                         |  |                     |  |
|  |      | Influent(mg/                 | Effluent(mg/  | Minimum(1)       | Maximum |   |  |                     |  |
|  |      |                              |               | 0                | 1       | 24196   |  |                     |  |
|  |      | lbs/day                      |               |                  |         |   |  |                     |  |

(1) Refer to current edition of "Notice to SPDES Permittees Regarding Use of the National Pollutant Discharge Elimination System (NPDES) Discharge Monitoring Report Form" for procedures to calculate loadings, flow-weighted average, geometric mean, maximum minimum, percent removal, etc.

Note: Refer to current SPDES permit for specific monitoring requirements. Sample type for chlorine residual and fecal coliforms is grab.

|      |      |                  |          |                     |          |                 |          |                        |          | FIXED MEDIA<br>PROCESS CONTROL |                                  | ACTIVATION SLUDGE<br>PROCESS CONTROL |                                     |        |                          |                         |
|------|------|------------------|----------|---------------------|----------|-----------------|----------|------------------------|----------|--------------------------------|----------------------------------|--------------------------------------|-------------------------------------|--------|--------------------------|-------------------------|
|      |      | Dissolved Oxygen |          | Ammonia as Nitrogen |          | TKN as Nitrogen |          | Ultimate Oxygen Demand |          | Recirculation Rate             | media Effluent Settleable Solids | Mixed Liquor S.S. (MLSS)             | Settleable Sludge Volume (SSV) ml/l |        | Return Act. Sludge (RAS) | Waste Act. Sludge (WAS) |
| Day  | Date |                  | Effluent |                     | Effluent |                 | Effluent |                        | Effluent | M.G.D                          | ml/l                             | mg/l                                 | 30Min                               | 60 Min | M.G.D                    | Gallons                 |
| Sat  | 01   |                  | 7.8      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Sun  | 02   |                  | 7.5      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Mon  | 03   |                  | 7.4      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Tue  | 04   |                  | 7.4      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Wed  | 05   |                  | 7.2      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Thur | 06   |                  | 7.1      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Fri  | 07   |                  | 7.2      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Sat  | 08   |                  | 7.1      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Sun  | 09   |                  | 7.3      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Mon  | 10   |                  | 7.2      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Tue  | 11   |                  | 7.4      |                     | 42.4     |                 | 50.5     |                        | 350.25   |                                |                                  |                                      |                                     |        |                          |                         |
| Wed  | 12   |                  | 7.7      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Thur | 13   |                  | 7.2      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Fri  | 14   |                  | 7.9      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Sat  | 15   |                  | 8.1      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Sun  | 16   |                  | 7.3      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Mon  | 17   |                  | 7.6      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Tue  | 18   |                  | 7.7      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Wed  | 19   |                  | 7.8      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Thur | 20   |                  | 8.2      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Fri  | 21   |                  | 7.6      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Sat  | 22   |                  | 7.7      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Sun  | 23   |                  | 5.6      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Mon  | 24   |                  | 6.8      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Tue  | 25   |                  | 7.1      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Wed  | 26   |                  | 8.0      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Thur | 27   |                  | 5.3      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Fri  | 28   |                  | 7.0      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Sat  | 29   |                  | 5.0      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Sun  | 30   |                  | 7.0      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
| Mon  | 31   |                  | 6.1      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
|      |      |                  | 7.2      |                     |          |                 |          |                        |          |                                |                                  |                                      |                                     |        |                          |                         |
|      |      |                  |          |                     | lbs/day  |                 | lbs/day  | 0.000                  | lbs/day  |                                |                                  |                                      |                                     |        |                          |                         |

