92-15-7 (11/95)-- 27c

**New York State Department of Environmental Conservation**



**Division of Water**

## WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF July 2025

| SPDES PERMIT NO. | FACILITY NAME | FACILITY OWNER | FACILITY LOCATION |
|---|---|---|---|
| **NY-0271420** | **Village of Red Hook WWTP - New Plant, Outfall 1A** | **Village of Red Hook** | **US Route 9 (near O'Callaghan Ln)/Village of Red Hook** |

| | | | | | | | | | | | | | Activated Sludge Process Control | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Flow Totalizer | VOLUME OF SEWAGE TREATED [Permit: Monthly Ave. <0.05 MGD] | TEMPERATURE [Permit: Max Eff. = 70°F] | | | pH [Permit: 6.5-8.5 S.U.] | | | SETTLEABLE SOLIDS [Permit: 0.1 mL/L] | D.O. [Permit: 7.0 mg/L] | MIXED LIQUOR [Target: 3000] | SETTLEABLE SLUDGE | | | WASTE ACT. |
| | | Daily Precip. | | Dly Average | Influent | In-Plant | Effluent | Influent | In-Plant | Effluent | Effluent | Effluent | S.S. (MLSS) | Volume (SSV)(mL/L) | | | Sludge(WAS) |
| DAY | DATE | in/day | Gal | GPD | (°F)[2] | (°F)[2] | (°F)[2] | S.U. | S.U. | S.U. | mL/L | mg/L | mg/L | 5 Min | 30 min | 60 min | min/day |
| Tue | 1 | 0.909 | 34167727 | 28718 | 53 | | 61 | 6.71 | | 7.21 | <0.1 | 8.32 | | 860 | 780 | | |
| Wed | 2 | 0.015 | 34196445 | 25450 | 51 | | 69 | 6.84 | | 7.38 | <0.1 | 8.01 | | 860 | 790 | | |
| Thu | 3 | 0.211 | 34221895 | 35717 | 50 | | 57 | 6.88 | | 7.32 | <0.1 | 8.91 | | 860 | 780 | | 4000 |
| Fri | 4 | 0.000 | 34257612 | 31778 | 54 | | 59 | 6.77 | | 7.41 | <0.1 | 8.82 | | 860 | 780 | | |
| Sat | 5 | 0.000 | 34289390 | 18828 | 52 | | 60 | 6.81 | | 7.37 | <0.1 | 8.80 | | 860 | 770 | | |
| Sun | 6 | 0.000 | 34308218 | 40299 | 50 | | 62 | 6.79 | | 7.28 | <0.1 | 8.51 | | 850 | 770 | | |
| Mon | 7 | 0.000 | 34348517 | 27087 | 52 | | 60 | 6.82 | | 7.34 | <0.1 | 8.71 | | 840 | 770 | | |
| Tue | 8 | 0.122 | 34375604 | 33296 | 51 | | 60 | 6.74 | | 7.29 | <0.1 | 8.61 | | 840 | 770 | | |
| Wed | 9 | 0.700 | 34408900 | 27429 | 53 | | 62 | 6.81 | | 7.38 | <0.1 | 8.72 | | 840 | 750 | | |
| Thu | 10 | 0.145 | 34436329 | 33277 | 53 | | 62 | 6.90 | | 7.42 | <0.1 | 8.37 | | 890 | 830 | | |
| Fri | 11 | 0.137 | 34469606 | 43645 | 51 | | 60 | 6.85 | | 7.34 | <0.1 | 8.79 | | 880 | 830 | | |
| Sat | 12 | 0.000 | 34513251 | 37788 | 52 | | 60 | 6.81 | | 7.39 | <0.1 | 8.02 | | 880 | 810 | | |
| Sun | 13 | 0.000 | 34551039 | 25972 | 52 | | 61 | 6.97 | | 7.51 | <0.1 | 8.10 | | 870 | 800 | | |
| Mon | 14 | 1.175 | 34577011 | 40083 | 51 | | 60 | 6.90 | | 7.38 | <0.1 | 8.71 | 2710 | 860 | 800 | | |
| Tue | 15 | 0.000 | 34617094 | 31177 | 54 | | 63 | 6.82 | | 7.32 | <0.1 | 8.73 | | 860 | 800 | | |
| Wed | 16 | 0.000 | 34648271 | 28018 | 55 | | 62 | 6.81 | | 7.39 | <0.1 | 8.61 | | 860 | 800 | | |
| Thu | 17 | 0.000 | 34676289 | 33877 | 60 | | 62 | 6.76 | | 7.31 | <0.1 | 8.72 | | 860 | 810 | | |
| Fri | 18 | 0.000 | 34710166 | 41132 | 72 | | 62 | 6.74 | | 7.26 | <0.1 | 8.7 | 2820 | 940 | 790 | | |
| Sat | 19 | 0.000 | 34751298 | 31314 | 71 | | 62 | 6.78 | | 7.31 | <0.1 | 8.9 | | 930 | 780 | | |
| Sun | 20 | 0.000 | 34782612 | 21036 | 72 | | 63 | 6.72 | | 7.29 | <0.1 | 8.6 | | 930 | 780 | | |
| Mon | 21 | 0.000 | 34803648 | 39076 | 73 | | 65 | 6.80 | | 7.34 | <0.1 | 8.1 | 2780 | 920 | 780 | | |
| Tue | 22 | 0.000 | 34842724 | 34834 | 72 | | 65 | 6.79 | | 7.24 | <0.1 | 8.0 | 4820 | 930 | 790 | | |
| Wed | 23 | 0.000 | 34877558 | 28326 | 71 | | 62 | 6.77 | | 7.07 | <0.1 | 8.9 | 4720 | 920 | 780 | | 2000 |
| Thu | 24 | 0.000 | 34905884 | 27165 | 71 | | 64 | 6.72 | | 7.18 | <0.1 | 8.7 | 5080 | 920 | 780 | | |
| Fri | 25 | 0.027 | 34933049 | 45170 | 71 | | 62 | 6.77 | | 7.24 | <0.1 | 8.3 | | 920 | 780 | | |
| Sat | 26 | 0.000 | 34978219 | 33976 | 71 | | 64 | 6.70 | | 7.19 | <0.1 | 8.9 | | 960 | 780 | | 4000 |
| Sun | 27 | 0.215 | 35012195 | 37587 | 72 | | 65 | 6.81 | | 7.29 | <0.1 | 8.3 | | 960 | 780 | | |
| Mon | 28 | 0.000 | 35049782 | 37367 | 71 | | 63 | 6.72 | | 7.12 | <0.1 | 8.0 | | 960 | 780 | | |
| Tue | 29 | 0.000 | 35087149 | 29468 | 72 | | 66 | 6.85 | | 7.11 | <0.1 | 8.4 | 4240 | 960 | 780 | | |
| Wed | 30 | 0.000 | 35116617 | 35017 | 71 | | 64 | 6.82 | | 7.19 | <0.1 | 8.2 | 4400 | 940 | 780 | | |
| Thu | 31 | 2.628 | 35151634 | 49345 | 71 | | 64 | 6.79 | | 7.28 | <0.1 | 8.0 | 4460 | 920 | 740 | | |
| | | Total | | Monthly | Monthly Average | | | Monthly Effluent | | | Monthly | Monthly | | | | | |
| | | Precip. | | Average | Influent | | Effluent | Minimum | | Maximum | Maximum | Minimum | | | | | |
| | | **6.284** | | **33330.71** | **61** | | **62** | **7.07** | | **7.51** | **0.1** | **8.0** | | | | | |
| | | | | **0.03** | **Daily Max** | | **69** | | | | | | | | | | |

(1) Refer to January 1994 edition of *DMR Manual for completing the Discharge Monitoring Report for the national Pollutant Discharge Elimination System (NPDES)* for procedures to calculate loadings, arithmetic mean, geometric Mean, maximum, minimum, percent removal, etc

(2) If Temperature is measured more than once a day, report the average for the day

NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for temperature, PH and settleable solids is grab

| FACILITY MAILING ADDRESS (Street, City, Zip Code) | TELEPHONE NUMBER | CHIEF OPERATOR'S NAME | CERTIFICATION GRADE |
|---|---|---|---|
| **7467 South Broadway; Red Hook, NY 12571** | **845-758-1081** | **Robert Flores** | **4A** |

| | | CBOD(5-Day)(11/1-5/31) BOD (5-Day)(6/1-10/31) [Permit: 5.0 mg/L] | | U.O.D. (11/1-5/31) [Permit: 34.0 mg/L] | SUSPENDED SOLIDS [Permit: 10.0 mL/L] | | TKN, Total | TOTAL AMMONIA as N [Permit: 6/1-10/31, 0.98 mg/L 11/1-5/31, 1.81 mg/L | FECAL COLIFORM [Permit: 200 No./100 mL] |
|---|---|---|---|---|---|---|---|---|---|
| | | Influent | Effluent | Effluent | Influent | Effluent | Effluent | Effluent | Effluent |
| DAY | DATE | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | MF or No./100mL |
| Tue | 1 | | | | | | | | |
| Wed | 2 | | | | | | | | |
| Thu | 3 | | | | | | | | |
| Fri | 4 | | | | | | | | |
| Sat | 5 | | | | | | | | |
| Sun | 6 | | | | | | | | |
| Mon | 7 | | | | | | | | |
| Tue | 8 | | | | | | | | |
| Wed | 9 | | | | | | | | |
| Thu | 10 | | | | | | | | |
| Fri | 11 | | | | | | | | |
| Sat | 12 | | | | | | | | |
| Sun | 13 | | | | | | | | |
| Mon | 14 | | | | | | | | |
| Tue | 15 | | | | | | | | |
| Wed | 16 | 150 | <4.0 | 17.9 | 62.7 | 1.40 | 2.64 | 0.128 | <1.0 |
| Thu | 17 | | | | | | | | |
| Fri | 18 | | | | | | | | |
| Sat | 19 | | | | | | | | |
| Sun | 20 | | | | | | | | |
| Mon | 21 | | | | | | | | |
| Tue | 22 | | | | | | | | |
| Wed | 23 | 230 | <4.0 | 13.5 | 61.4 | 2.70 | 1.66 | 0.463 | <10 |
| Thu | 24 | | | | | | | | |
| Fri | 25 | | | | | | | | |
| Sat | 26 | | | | | | | | |
| Sun | 27 | | | | | | | | |
| Mon | 28 | | | | | | | | |
| Tue | 29 | | | | | | | | |
| Wed | 30 | | | | | | | | |
| Thu | 31 | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 30 day flow-weighted avg(1) | | Monthly | Monthly Maximum | | **2.70** | | Maximum | 30 day geometric mean(1) |
| | inf.(mg/l) | eff.(mg/l) | Maximum | 30 day flow-weighted avg(1) | | | | **0.463** | |
| | **190** | **4.0** | **17.9** | inf.(mg/l) | eff.(mg/l) | | | Average | **5.5** |
| | %Rem.-> | **98** | | **62.05** | **2.05** | | | **0.30** | |
| 30 Day Average | | | | %Rem.-> | **97** | | | lbs/day | |
| Quantity Loading(1) | **1.1** | | lbs/day | | **0.6** | lbs/day | | **0.08** | |

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NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for temperature, PH and settleable solids is grab

| Day | Date | EQ LEVEL | CHLORINE RESIDUAL [Permit: 0.03 mg/L] | ULTRAVIOLET (%) | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | Effluent | #1 | | #2 | | |
| Day | Date | ft | mg/L | % | W/M$^2$ | % | W/M$^2$ | Enter any other comments, observations, operating problems, equipment failures, etc. |
| Tue | 1 | | | | | | | |
| Wed | 2 | | | | | | | |
| Thu | 3 | | | | | | | |
| Fri | 4 | | | | | | | |
| Sat | 5 | | | | | | | |
| Sun | 6 | | | | | | | |
| Mon | 7 | | | | | | | |
| Tue | 8 | | | | | | | |
| Wed | 9 | | | | | | | |
| Thu | 10 | | | | | | | Replaced sand in both sides. |
| Fri | 11 | | | | | | | |
| Sat | 12 | | | | | | | |
| Sun | 13 | | | | | | | |
| Mon | 14 | | | | | | | |
| Tue | 15 | | | | | | | DEC Insoection at 10AM |
| Wed | 16 | | | | | | | |
| Thu | 17 | | | | | | | |
| Fri | 18 | | | 83.0 | 26.5 | 75.8 | 19.8 | |
| Sat | 19 | | | | | | | |
| Sun | 20 | | | | | | | |
| Mon | 21 | | | 82.6 | 26.4 | 76.8 | 20.0 | |
| Tue | 22 | | | | | | | Calibrated MLSS meter = large increase in MLSS |
| Wed | 23 | | | 87.6 | 28.1 | 80.0 | 20.8 | |
| Thu | 24 | | | | | | | |
| Fri | 25 | | | | | | | Pumped out sludge holding tank ~6,000 gal |
| Sat | 26 | | | | | | | EQ pump tripped caused high level in EQ tank |
| Sun | 27 | | | | | | | |
| Mon | 28 | | | | | | | |
| Tue | 29 | | | 84.6 | 27.1 | 74.7 | 19.4 | |
| Wed | 30 | | | 84.9 | 27.8 | 74.3 | 19.3 | |
| Thu | 31 | | | 83.1 | 26.6 | 73.9 | 19.3 | |
| | | | Monthly Maximum | Monthly Minimum | | Monthly Maximum | | |
| | | | **0.00** | **73.9** | | **87.6** | | |

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Name of Receiving Stream

Subtrib of Saw Kill

## Odor Log

| Day | Date |
|---|---|
| Tue | 1 |
| Wed | 2 |
| Thu | 3 |
| Fri | 4 |
| Sat | 5 |
| Sun | 6 |
| Mon | 7 |
| Tue | 8 |
| Wed | 9 |
| Thu | 10 |
| Fri | 11 |
| Sat | 12 |
| Sun | 13 |
| Mon | 14 |
| Tue | 15 |
| Wed | 16 |
| Thu | 17 |
| Fri | 18 |
| Sat | 19 |
| Sun | 20 |
| Mon | 21 |
| Tue | 22 |
| Wed | 23 |
| Thu | 24 |
| Fri | 25 |
| Sat | 26 |
| Sun | 27 |
| Mon | 28 |
| Tue | 29 |
| Wed | 30 |
| Thu | 31 |

Name and amount of chemicals used in treatment process during month:

| | | |
|---|---|---|
| a. Sodium Hypochloride | | lbs. |
| b. Sodium Sulfate | | lbs. |
| c. | | lbs. |
| d. | | lbs. |
| e. | | lbs. |
| f. | | lbs. |

Amount of electrical power consumed:

| | | |
|---|---|---|
| a. Commercial | | kilowatt hours |
| b. Stand-by | | kilowatt hours |

Amount of fuel consumed

| | | |
|---|---|---|
| a. Natural Gas | | cubic feet |
| b. Oil | | gallons |
| c. Gasoline | | gallons |
| d. Coal | | tons |
| e. Digester Gas | | cubic feet |
| f. Propane | | gallons |

Labor expended:

| POSITION NAME | NUMBER FULL TIME | NUMBER PART-TIME | TOTAL HOURS |
|---|---|---|---|
| Wastewater Operator | | | |
| Laborer | | | |

Sludge removal from plant:

| | | |
|---|---|---|
| a. amount | 6000 | gals |
| b. | | |
| c. | | |
| d. Disposal Hauler: Superior Sanitation | | |

Other Solid Wastes:

| | | |
|---|---|---|
| a. Screenings | | cubic feet |
| b. | | |
| c. | | |
| d. | | |
| e. | | |
| f. | | |
| g. Disposal Site: UCRRA | | |

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Robert Flores — 8/19/2025

Signature of Chief Operator or Designated Facility Representati — Date