

Division of Water

WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF July 2025

SPDES PERMIT NO. NY-0271420	FACILITY NAME Village of Red Hook WWTP - New Plant, Outfall 1A	FACILITY OWNER Village of Red Hook	FACILITY LOCATION US Route 9 (near O'Callaghan Ln)/Village of Red Hook
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													Activated Sludge Process Control				
			Flow Totalizer Gal	VOLUME OF SEWAGE TREATED [Permit: Monthly Ave. <0.05 MGD] Dly Average GPD	TEMPERATURE [Permit: Max Eff. = 70°F]			pH [Permit: 6.5-8.5 S.U.]			SETTLEABLE SOLIDS [Permit: 0.1 mL/L] Effluent mL/L	D.O. [Permit: 7.0 mg/L] Effluent mg/L	MIXED LIQUOR [Target: 3000] S.S. (MLSS) mg/L	SETTLEABLE SLUDGE Volume (SSV)(mL/L)			WASTE ACT. Sludge(WAS) min/day
DAY	DATE	Daily Precip. in/day			Influent (°F) ⁽²⁾	In-Plant (°F) ⁽²⁾	Effluent (°F) ⁽²⁾	Influent S.U.	In-Plant S.U.	Effluent S.U.				5 Min	30 min	60 min	
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		
DAY	DATE	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 Effluent mg/L]	FECAL COLIFORM [Permit: 200 No./100 mL]		
		Influent mg/L	Effluent mg/L	Effluent mg/L	Influent mg/L	Effluent mg/L	Effluent mg/L	Effluent mg/L	Effluent 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			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.->			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 ft	CHLORINE RESIDUAL [Permit: 0.03 mg/L] Effluent mg/L	ULTRAVIOLET (%)				REMARKS
				#1		#2		
				%	W/M ²	%	W/M ²	
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				
			0.00	Minimum	Maximum			
				73.9	87.6			

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Name of Receiving Stream		Subtrib of Saw Kill		Name and amount of chemicals used in treatment process during month:		Sludge removal from plant:	
				a. Sodium Hypochloride lbs.		a. amount 6000 gals	
				b. Sodium Sulfate lbs.		b.	
				c. lbs.		c.	
				d. lbs.		d. Disposal Hauler: Superior Sanitation	
				e. lbs.			
				f. lbs.			
Odor Log				Amount of electrical power consumed:		Other Solid Wastes:	
Day	Date			a. Commercial kilowatt hours		a. Screenings cubic feet	
Tue	1			b. Stand-by kilowatt hours		b.	
Wed	2					c.	
Thu	3			Amount of fuel consumed		d.	
Fri	4			a. Natural Gas cubic feet		e.	
Sat	5			b. Oil gallons		f.	
Sun	6			c. Gasoline gallons		g. Disposal Site: UCRRA	
Mon	7			d. Coal tons			
Tue	8			e. Digester Gas cubic feet			
Wed	9			f. Propane gallons			
Thu	10			Labor expended:			
Fri	11			POSITION NAME		NUMBER FULL TIME	
Sat	12			NUMBER PART-TIME		TOTAL HOURS	
Sun	13			Wastewater Operator			
Mon	14			Laborer			
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						
				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 Representative		Date	