

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 - Old (RHC) Plant, Outfall 1B

Village of Red Hook

US Route 9 (near O'Callaghan Ln)/Village of Red Hook

Activated Sludge
Process Control

DAY	DATE	Daily Precip. in/day	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			WASTE ACT. Sludge(WAS) min/day
					Influent (°F) ⁽²⁾	In-Plant (°F) ⁽²⁾	Effluent (°F) ⁽²⁾	Influent S.U.	In-Plant S.U.	Effluent S.U.				Volume (SSV)(mL/L)			
					5 Min	30 min	60 min										
Tue	1	0.909	56192891	7959	52	58	7.34	7.91	<0.1	8.57		300	210	0			
Wed	2	0.015	56200850	9055	53	60	7.31	7.82	<0.1	8.72		300	200	0			
Thu	3	0.211	56209905	9249	54	59	7.28	7.86	<0.1	8.31		310	210	0			
Fri	4	0.000	56219154	8764	51	58	7.42	7.89	<0.1	8.49		330	200	0			
Sat	5	0.000	56227918	55502	52	60	7.31	7.80	<0.1	8.71		340	220	0			
Sun	6	0.000	56283420	26730	54	60	7.29	7.82	<0.1	8.42		350	220	0			
Mon	7	0.000	56310150	8431	55	62	7.41	7.83	<0.1	8.59		350	220	0			
Tue	8	0.122	56318581	8415	52	60	7.38	7.84	<0.1	8.92		350	220	0			
Wed	9	0.700	56326996	7134	53	60	7.40	7.81	<0.1	8.72		370	220	0			
Thu	10	0.145	56334130	9691	53	60	7.32	7.84	<0.1	8.49		370	240	0			
Fri	11	0.137	56343821	23205	52	62	7.36	7.81	<0.1	8.25		380	240	0			
Sat	12	0.000	56367026	9488	51	60	7.34	7.84	<0.1	8.91		380	240	0			
Sun	13	0.000	56376514	5184	52	61	7.38	7.85	<0.1	8.41		380	240	0			
Mon	14	1.175	56381698	17480	51	62	7.38	7.80	<0.1	8.59	810	380	240	0			
Tue	15	0.000	56399178	1949	55	65	7.39	7.89	<0.1	8.72		380	240	0			
Wed	16	0.000	56401127	925	56	64	7.32	7.82	<0.1	8.59		380	260	0			
Thu	17	0.000	56402052	6660	79	60	7.27	7.74	<0.1	7.50		400	270	0			
Fri	18	0.000	56408712	10456	78	61	7.27	7.72	<0.1	7.61	1020	380	250	0			
Sat	19	0.000	56419168	8024	79	61	7.29	7.70	<0.1	7.82		370	260	0			
Sun	20	0.000	56427192	3647	78	61	7.26	7.71	<0.1	7.89		370	280	0			
Mon	21	0.000	56430839	9305	79	64	7.28	7.78	<0.1	7.82	1070	370	280	0			
Tue	22	0.000	56440144	7118	79	63	7.21	7.72	<0.1	7.92	2000	350	280	0			
Wed	23	0.000	56447262	5449	78	65	7.31	7.81	<0.1	7.8	1640	350	270	0			
Thu	24	0.000	56452711	7582	79	65	7.28	7.71	<0.1	7.9		350	270	0			
Fri	25	0.027	56460293	7506	79	64	7.38	7.89	<0.1	7.8		360	280	0			
Sat	26	0.000	56467799	6845	78	65	7.29	7.91	<0.1	7.2		360	270	0			
Sun	27	0.215	56474644	5116	77	62	7.31	7.84	<0.1	7.1		350	280	0			
Mon	28	0.000	56479760	4158	78	64	7.32	7.91	<0.1	7.5		350	290	0			
Tue	29	0.000	56483918	9475	78	65	7.30	7.87	<0.1	7.9	1570	350	290	0			
Wed	30	0.000	56493393	5209	72	66	7.24	7.82	<0.1	7.7	1460	360	290	0			
Thu	31	2.628	56498602	8704	71	62	7.31	7.79	<0.1	8.8	1320	360	290	0			
		Total		Monthly	Monthly Average			Monthly Effluent			Monthly	Monthly					
		Precip.		Average	Influent		Effluent	Minimum		Maximum	Maximum	Minimum					
		6.284		10142	65		62	7.70		7.91	<0.1	7.1					
				0.01	Daily Max		66										

(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	14.0	62.7	<1.00	1.78	0.339	2		
Thu	17										
Fri	18										
Sat	19										
Sun	20										
Mon	21										
Tue	22										
Wed	23	230	<4.0	21.0	61.4	6.00	3.34	0.200	<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⁾			0.339			
		190	4.0	21.0	inf.(mg/l)	eff.(mg/l)		Average	6		
		%Rem.->	98		62.05	6		0.270			
		30 Day Average			%Rem.->			lbs/day			
		Quantity Loading ⁽¹⁾	0.3	lbs/day	1	lbs/day		0.02			

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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							Enter any other comments, observations, operating problems, equipment failures, etc.
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						DEC Inspection at 10AM	
Wed	16							
Thu	17							
Fri	18			40.7	29.2	100		
Sat	19							
Sun	20							
Mon	21			39.9	28.0	100		
Tue	22						Calibrated MLSS Meter = large increase in MLSS	
Wed	23			43.6	30.7	100		
Thu	24							
Fri	25							
Sat	26							
Sun	27							
Mon	28							
Tue	29			53.8	37.8	100		
Wed	30			37.4	26.2	100		
Thu	31			29.1	20.3	100		
			Monthly Maximum	Monthly				
			0.00	Minimum	Maximum			
				29.1	100			

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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 0 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 Representativ		Date	