

Division of Water

WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF

May 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				WASTE ACT.
DAY	DATE	Daily Precip. in/day	Flow Totalizer Gal	VOLUME OF SEWAGE TREATED [Permit: Monthly Ave. Dly Average] GPD	TEMPERATURE [Permit: Max Eff. = 70 °F]			pH [Permit: 6.5-8.5 S.U.]			SETTLABLE SOLIDS [Permit: 0.1 mL/L] Effluent mL/L	D.O. [Permit: 7.0 mg/L] Effluent mg/L	MIXED LIQUOR S.S. (MLSS) mg/L	SETTLABLE SLUDGE Volume (SSV)(mL/L)			
					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	
Thu	1	0.000	32278119	38946	47	63	52	6.40	7.99	8.31	<0.1	9.00	1500	930	780	0	
Fri	2	0.030	32317065	40346	48	62	53	6.82	7.41	8.47	<0.1	9.42	1540	830	790	0	
Sat	3	1.237	32357411	44686	48	61	52	6.89	7.42	8.32	<0.1	9.07		960	830	0	
Sun	4	0.709	32402097	35802	47	60	52	6.92	7.78	8.21	<0.1	8.70		960	850	0	
Mon	5	0.714	32437899	28345	47		51	6.52		8.01	<0.1	9.04	1600	970	900	0	
Tue	6	0.514	32436244	33912	49		54	6.57		8.03	<0.1	9.10	1780	980	920	0	
Wed	7	0.000	32500156	37710	50		53	6.42		8.27	<0.1	9.27	1830	970	860	17 [E]	
Thu	8	0.223	32537866	40510	50		53	6.72		8.49	<0.1	9.02	1670	950	840	0	
Fri	9	2.522	32578376	39376	47		52	7.23		8.41	<0.1	7.10		940	800	0	
Sat	10	0.028	32617752	42435	48		51	7.42		8.37	<0.1	7.92		920	810	0	
Sun	11	0.000	32660187	34841	49		51	7.02		8.07	<0.1	7.81		910	840	0	
Mon	12	0.000	32695028	31106	47		52	7.09		7.81	<0.1	7.94		900	810	0	
Tue	13	0.000	32726134	36776	47		53	7.05		8.27	<0.1	8.72	1720	900	770	5 [W]	
Wed	14	0.119	327562910	38480	49		54	7.21		8.10	<0.1	8.41	1740	890	740	0	
Thu	15	0.000	32801390	15286	50		52	7.23		8.27	<0.1	7.21	1670	900	790	0	
Fri	16	0.000	32816676	22832	51		53	7.02		8.09	<0.1	7.92	1920	940	810	0	
Sat	17	0.011	32839508	28952	50		51	7.05		8.00	<0.1	8.47		920	800	0	
Sun	18	0.000	32868460	28288	50		52	7.10		7.82	<0.1	8.03		930	780	0	
Mon	19	0.000	32896748	40722	53		54	7.24		8.04	<0.1	8.02		900	760	0	
Tue	20	0.000	32937470	21871	52		55	7.31		8.21	<0.1	8.41		900	730	0	
Wed	21	0.100	32959341	23640	51		54	7.34		8.42	<0.1	8.47		910	750	0	
Thu	22	0.228	32982987	30718	52		53	7.24		7.92	<0.1	8.07		1000	970	0	
Fri	23	0.059	33013697	44491	51		53	7.18		8.42	<0.1	8.24		980	900	0	
Sat	24	0.135	33058188	27677	52		54	7.23		8.37	<0.1	8.37		980	910	0	
Sun	25	0.004	33085863	30417	53		56	7.19		8.28	<0.1	8.58		990	920	0	
Mon	26	0.000	33110282	13320	52		54	7.18		8.17	<0.1	8.42		990	920	0	
Tue	27	0.000	33129602	35084	52		55	7.34		8.02	<0.1	8.00	2880	990	920	0	
Wed	28	0.000	33164686	25211	51		55	7.23		8.13	<0.1	8.71	2830	990	930	0	
Thu	29	0.028	33189897	33675	53		57	7.42		8.19	<0.1	8.86	2600	970	880	0	
Fri	30	0.000	33223572	36676	53		56	7.41		8.00	<0.1	8.41		970	880	0	
Sat	31	2.348	33260248	31278	52		57	7.37		8.27	<0.1	9.03		970	850	0	
Total				Monthly	Monthly Average			Monthly Effluent			Monthly	Minimum					
Precip.				Average	Influent		Effluent	Minimum		Maximum	Maximum	7.10					
9.009				32691	50		53	7.81		8.49	<0.1						
				0.03	Daily Max		57										

(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 Effluent mg/L	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		
Thu	1										
Fri	2										
Sat	3										
Sun	4										
Mon	5										
Tue	6										
Wed	7	220	7.9	14.4	97.8	26.1	0.575	0.177	<1.00	Ammonia (Influent) = 57.4 mg/L, TKN (Influent) = 56.0 mg/L	
Thu	8										
Fri	9										
Sat	10										
Sun	11										
Mon	12										
Tue	13										
Wed	14	110	<4.0	179.0	109	36.7	39.1	37.8	<1.00	Ammonia (Influent) = 33.8 mg/L, TKN (Influent) = 36.6 mg/L	
Thu	15										
Fri	16										
Sat	17										
Sun	18										
Mon	19										
Tue	20										
Wed	21	170	4.2	96.3	79.0	61.4	20.0	19.40	3.10	Ammonia (Influent) = 57.6 mg/L, TKN (Influent) = 59.0 mg/L	
Thu	22										
Fri	23										
Sat	24										
Sun	25										
Mon	26										
Tue	27										
Wed	28	280	14.0	48.7	47.7	49.3	6.15	3.57	9999	Ammonia (Influent) = 61.0 mg/L, TKN (Influent) = 62.5 mg/L	
Thu	29										
Fri	30										
Sat	31										
		30 day flow-weighted avg ⁽¹⁾		Maximum	30 day flow-weighted avg ⁽¹⁾		Average	Average	30 day geometric mean ⁽¹⁾		
		inf.(mg/l)	eff.(mg/l)		inf.(mg/l)	eff.(mg/l)				Average	15.24
		195	7.53	179.0	83.4	43.4	16.5	Max	13.27		
		%Rem.->	96		%Rem.->	48		37.80	Max		
		30 Day Average			Max (effluent)		61.4	lbs/day	9999		
		Quantity Loading ⁽¹⁾		lbs/day	11.8		lbs/day	4.15			

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Day	Date	EQ LEVEL ft	CHLORINE RESIDUAL [Permit: 0.03 mg/L] Effluent mg/L	ULTRAVIOLET (%)		REMARKS
				#1	#2	
Thu	1		<0.3			Enter any other comments, observations, operating problems, equipment failures, etc.
Fri	2		<0.3			
Sat	3		<0.3			
Sun	4		<0.3			
Mon	5		<0.3			
Tue	6		<0.3			
Wed	7		<0.3			
Thu	8		<0.3			
Fri	9		<0.3			
Sat	10		<0.3			
Sun	11		<0.3			
Mon	12		<0.3			
Tue	13		<0.3			UV lights operational
Wed	14					Both UV units on side 1A on - need to calibrate % intensity
Thu	15			74	142	UVs need calibration. DEC Site Visit
Fri	16			32.7	26.5	
Sat	17			203	42	UVs need calibration.
Sun	18					
Mon	19					
Tue	20					
Wed	21					
Thu	22					
Fri	23					
Sat	24					
Sun	25					
Mon	26					
Tue	27					
Wed	28			100	100.6	Waste tank pumped out.
Thu	29					
Fri	30					
Sat	31					
			Monthly Maximum	Monthly Minimum Maximum		
			<0.3	27	203	

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Name of Receiving Stream		Name and amount of chemicals used in treatment process during month:	Sludge removal from plant:		
Subtrib of Saw Kill			a. amount	gals	
Odor Log		a. Sodium Hypochloride	lbs.	b.	
Day	Date	b. Sodium Sulfate	lbs.	c.	
Thu	1	c.	lbs.	d. Disposal Hauler: Superior Sanitation	
Fri	2	d.	lbs.		
Sat	3	e.	lbs.		
Sun	4	f.	lbs.		
Mon	5	Amount of electrical power consumed:		Other Solid Wastes:	
Tue	6	a. Commercial	kilowatt hours	a. Screenings	cubic feet
Wed	7	b. Stand-by	kilowatt hours	b.	
Thu	8			c.	
Fri	9	Amount of fuel consumed:		d.	
Sat	10	a. Natural Gas	cubic feet	e.	
Sun	11	b. Oil	gallons	f.	
Mon	12	c. Gasoline	gallons	g. Disposal Site: UCRRA	
Tue	13	d. Coal	tons		
Wed	14	e. Digester Gas	cubic feet		
Thu	15	f. Propane	gallons		
Fri	16				
Sat	17	Labor expended:			
Sun	18	POSITION NAME	NUMBER FULL TIME	NUMBER PART-TIME	TOTAL HOURS
Mon	19	Wastewater Operator			
Tue	20	Laborer			
Wed	21				
Thu	22				
Fri	23				
Sat	24				
Sun	25				
Mon	26				
Tue	27				
Wed	28				
Thu	29				
Fri	30				
Sat	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					6/20/2025
Signature of Chief Operator or Designated Facility Representative					Date