

WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF APRIL 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**

													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.]		SETTLABLE SOLIDS [Permit: 0.1 mL/L]	D.O. [Permit: 7.0 mg/L]	EQ LEVEL ft	MIXED LIQUOR S.S. (MLSS) mg/L	SETTLABLE SLUDGE Volume (SSV)(mL/L)			WASTE ACT. Sludge(WAS) min/day	
DAY	DATE			Daily Precip. in/day	Influent (°F) ⁽²⁾	Effluent (°F) ⁽²⁾	Influent S.U.	Effluent S.U.	Effluent mL/L			Effluent mg/L	5 Min	30 min		60 min
Tue	1	0.050	30768085	42,314	51	49	6.84	8.27	<0.1	6.13	4.5		840	220	0	
Wed	2	0.029	30810399	50,371	51	57	6.95	8.14	<0.1	8.02			500	240	0	
Thu	3	0.087	30860770	45,801	51	53	6.72	8.24	<0.1	9.13			470	250	0	
Fri	4	0.000	30906571	65,543	52	55	6.91	8.10	<0.1	8.03			830	300	0	
Sat	5	0.319	30972114	127,886	54	57	6.84	8.62	<0.1	7.12			850	260	0	
Sun	6	0.393	31100000	109,014	53	55	6.21	8.61	<0.1	7.23			700	270	0	
Mon	7	0.124	31209014	35,419	52	55	6.11	8.72	<0.1	6.81			400	240	0	
Tue	8	0.007	31244433	48,585	54	55	6.10	8.02	<0.1	7.02	2.5		440	210	0	
Wed	9	0.000	31293018	43,328	53	57	6.02	8.13	<0.1	7.31	2.25		430	290	0	
Thu	10	0.142	31336346	48,123	53	56	6.49	8.37	<0.1	7.42			540	320	0	
Fri	11	0.098	31084469	42,810	52	57	6.41	8.47	<0.1	7.13		1350	660	340	0	
Sat	12	1.115	31427279	42,959	54	55	6.31	8.43	<0.1	7.15		1240	550	290	0	
Sun	13	0.000	31475238	35,162	52	54	6.21	8.32	<0.1	7.24		1300	770	380	0	
Mon	14	0.000	31510400	36,106	50	50	6.43	8.41	<0.1	7.81		1330	730	330	0	
Tue	15	0.000	31546506	33,761	52	57	6.41	8.50	<0.1	7.20		1340	760	400	0	
Wed	16	0.000	31602267	34,187	52	54	6.41	8.31	<0.1	7.03		1080	780	370	0	
Thu	17	0.000	31641454	39,187	52	56	6.40	8.02	<0.1	7.19		1200	700	220	0	
Fri	18	0.000	31701603	60,151	53	57	6.51	8.33	20.0	7.01		960	650	200	0	
Sat	19	0.124	31049694	148,089	52	52	6.42	7.34	<0.1	6.81		1100	800	460	0	
Sun	20	0.000	31902270	52,576	51	54	6.47	7.02	<0.1	6.43		1210	860	500	0	
Mon	21	0.000	31941612	39,342	52	55	6.71	8.23	<0.1	6.12		1300	880	610	0	
Tue	22	0.018	31980300	38,748	53	56	6.80	7.14	<0.1	6.71		1290	830	690	0	
Wed	23	0.000	32008344	27,984	53	56	6.48	7.37	<0.1	6.32		1400	800	570	0	
Thu	24	0.000	32047623	39,279	53	56	6.62	7.21	<0.1	6.48		1290	810	550	0	
Fri	25	0.000	32077747	30,174	47	48	7.08	8.44	<0.1	6.11		1370	900	770	0	
Sat	26	1.024	32109863	32,068	46	47	7.02	8.35	<0.1	9.50		1390	950	830	0	
Sun	27	0.000	32148835	38,970	47	50	7.03	8.41	<0.1	9.40		1420	980	870	0	
Mon	28	0.000	32178465	29,630	48	52	6.98	8.60	<0.1	8.71		1420	950	920	0	
Tue	29	0.003	32202387	23,922	47	51	6.71	8.03	<0.1	8.68	2.5	1810	960	910	0	
Wed	30	0.000	32234376	31,898	48	53	7.12	8.24	50.0	8.85	2.5	1470	970	840	0	
	31															

	Total		Monthly	Monthly Average		Monthly		Monthly	Monthly						
	Precip.		Average	Influent	Effluent	Minimum	Maximum	Maximum	Minimum						
	3.53		49,113	51	54	7.02	8.72	50.0	6.11						
			0.049	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	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]	Effluent MF or No./100mL	
		Influent mg/L	Effluent mg/L	Effluent mg/L	Influent mg/L	Effluent mg/L	Effluent mg/L	Effluent mg/L	Effluent mg/L		
Tue	1										
Wed	2										
Thu	3										
Fri	4										
Sat	5										
Sun	6										
Mon	7										
Tue	8										
Wed	9	390	11	190.20	62.7	30.6	38.6	33.20	9999		
Thu	10										
Fri	11										
Sat	12										
Sun	13										
Mon	14										
Tue	15										
Wed	16	520	23	1056.75	51.1	108.0	44.1	35.30	2.0		
Thu	17										
Fri	18										
Sat	19										
Sun	20										
Mon	21										
Tue	22										
Wed	23										
Thu	24	460	60	231.3	56.5	80.0	31.4	18.30	1.0		
Fri	25										
Sat	26										
Sun	27										
Mon	28										
Tue	29										
Wed	30	370	35	116.0	43.0	23.2	14.1	11.40	9.7		
	31										
		30 day flow-weighted avg ⁽¹⁾		Monthly	Monthly Maximum		108.0	Maximum	30 day geometric mean ⁽¹⁾		
		inf.(mg/l)	eff.(mg/l)	Maximum	30 day flow-weighted avg ⁽¹⁾			35.30			
		435	32	1056.8	inf.(mg/l)	eff.(mg/l)		Average	2502.9		
		%Rem.->	93		53.3	60.5		24.55			
		30 Day Average			%Rem.->	-13		lbs/day			
		Quantity Loading ⁽¹⁾		13	lbs/day	24.8	lbs/day	10.06			

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Day	Date	CHLORINE RESIDUAL [Permit: 0.03 mg/L] Effluent	ULTRAVIOLET (%)		REMARKS
			MW/CM2		
			#1	#2	
Tue	1	>0.03	N/A	N/A	Enter any other comments, observations, operating problems, equipment failures, etc. UV Not Working During the Month of April
Wed	2	>0.03	N/A	N/A	
Thu	3	>0.03	N/A	N/A	
Fri	4	>0.03	N/A	N/A	
Sat	5	>0.03	N/A	N/A	
Sun	6	>0.03	N/A	N/A	
Mon	7	>0.03	N/A	N/A	
Tue	8	>0.03	N/A	N/A	
Wed	9	>0.03	N/A	N/A	
Thu	10	>0.03	N/A	N/A	
Fri	11	>0.03	N/A	N/A	
Sat	12	>0.03	N/A	N/A	
Sun	13	>0.03	N/A	N/A	
Mon	14	>0.03	N/A	N/A	
Tue	15	>0.03	N/A	N/A	
Wed	16	>0.03	N/A	N/A	
Thu	17	>0.03	N/A	N/A	
Fri	18	>0.03	N/A	N/A	
Sat	19	>0.03	N/A	N/A	
Sun	20	>0.03	N/A	N/A	
Mon	21	>0.03	N/A	N/A	
Tue	22	>0.03	N/A	N/A	
Wed	23	>0.03	N/A	N/A	
Thu	24	>0.03	N/A	N/A	
Fri	25	>0.03	N/A	N/A	
Sat	26	>0.03	N/A	N/A	
Sun	27	>0.03	N/A	N/A	
Mon	28	>0.03	N/A	N/A	
Tue	29	>0.03	N/A	N/A	
Wed	30	>0.03	N/A	N/A	
	31				
		Monthly	Monthly		
		Maximum	Minimum	Maximum	
		>0.03	0	0	

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Name of Receiving Stream		Name and amount of chemicals used in treatment process	Sludge removal from plant:	
Subtrib of Saw Kill		during month:	a. amount	gals
		a. Sodium Hypochloride	lbs.	b.
		b. Sodium Sulfate	lbs.	c.
		c.	lbs.	d. Disposal Hauler: Superior Sanitation
		d.	lbs.	
		e.	lbs.	
		f.	lbs.	
		Amount of electrical power consumed:	Other Solid Wastes:	
		a. Commercial	kilowatt hours	a. Screenings
		b. Stand-by	kilowatt hours	b.
				c.
		Amount of fuel consumed:		d.
		a. Natural Gas	cubic feet	e.
		b. Oil	gallons	f.
		c. Gasoline	gallons	g. Disposal Site: UCRRA
		d. Coal	tons	
		e. Digester Gas	cubic feet	
		f. Propane	gallons	
		Labor expended:		
		POSITION NAME	NUMBER FULL TIME	NUMBER PART-TIME
		Wastewater Operator		TOTAL HOURS
		Laborer		
JS: 7:39pm rec'd call from resident (Kent Rd). Investigated & found EQ pump st just finished a pump cycle--GPM flow decreasing. No odor present, monitor flow (over hr). No changes made.				
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	JS: 7:25pm rec'd call from resident (Smith St) odor. Investigated & observed high flow. Added add'l chlorine tablets & manually shut down 1 pump to lower flow until EQ tanks pump finished w/cycle.		
Tue	15			
Wed	16			
Thu	17			
Fri	18	JS: 7:45pm rec'd call from resident (Smith St) odor. Investigated & observed high flow. Added add'l chlorine tablets & manually shut down 1 pump to lower flow until EQ tanks pump finished w/cycle.		
Sat	19			
Sun	20			
Mon	21	JS: 2:30pm received call from resident (Cambridge Dr). Stated smelled odor similar to paint thinner. Investigated & determined was from painting @UBS. Texted resident to inform		
Tue	22			
Wed	23			
Thu	24			
Fri	25			
Sat	26			
Sun	27			
Mon	28	JS: Odor complaint (20 Amherst) via forwarded email on 4/28 at 4:49AM Checked WWTP at 5:20am. No odor present. Plant was flowing 3.4gpm. No action taken. Email rec'd at 3:20PM, light smell.		
Tue	29	Rec'd odor complaint @2pm. Responded at 2:30PM. Found effluent pooling above EQ tank. EQ pump turned on. NY-Alert submitted		
Wed	30			
	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	5/22/2025	
		Signature of Chief Operator or Designated Facility Representative	Date	