



WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH January 2025

SPDES PERMIT NY-- 0271420			FACILITY NAME Village of Red Hook Sewer			FACILITY OWNER Village of Red Hook				FACILITY LOCATION 7467 S Broadway Red Hook, NY12571																
Day	Date	Daily Precip in/day	VOLUME OF SEWAGE TREATED			TEMPERATURE (°F.)		pH (S.U)				SETTLABLE SOLIDS		B.O.D. ₅		SUSPENDED SOLIDS										
			Inst.Max. MGD	Daily Average MGD	Inst. Min MGD	Influent (2)	Effluent (2)	Influent Minimum	Influent Maximum	Effluent Minimum	Effluent Maximum	Influent Maximum	Effluent Maximum	Influent Type	Effluent Type	Influent Type	Effluent Type									
Wed	01	0.46		0.038		57	57		7.2		7.0	3.0	<0.1													
Thu	02	0.10		0.026		55	53		7.0		7.2	2.0	<0.1													
Fri	03	0.00		0.034		51	48		7.3		7.5	13.0	<0.1													
Sat	04	0.00		0.032		47	49		7.0		7.2	112.0	1.1													
Sun	05	0.00		0.034		46	45		7.1		7.0	15.0	0.1													
Mon	06	0.00		0.027		45	47		6.4		6.5	100.0	2.0													
Tue	07	0.02		0.042		48	45		6.6		7.1	6.0	<0.1													
Wed	08	0.00		0.039		47	47		6.8		7.3	27.0	<0.1													
Thu	09	0.00		0.037		45	48		6.9		7.4	5.0	5.0													
Fri	10	0.00		0.032		44	48		7.3		7.2	33.0	2.0													
Sat	11	0.03		0.034		45	47		7.1		7.3	15.0	<0.1													
Sun	12	0.00		0.036		45	46		7.3		7.0	27.0	<0.1													
Mon	13	0.00		0.028		47	49		7.5		7.2	51.0	6.0													
Tue	14	0.00		0.034		45	48		7.3		7.0	39.0	<0.1													
Wed	15	0.00		0.033		47	48		7.0		7.0	75.0	4.0													
Thu	16	0.00		0.039		49	50		7.5		7.3	36.0	2.0	226		372										
Fri	17	0.05		0.036		49	49		6.9		6.8	60.0	<0.1													
Sat	18	0.00		0.034		47	47		7.0		6.9	51.0	<0.1													
Sun	19	0.14		0.039		47	45		7.0		6.7	35.0	<0.1													
Mon	20	0.38		0.036		48	48		7.3		7.2	53.0	5.0													
Tue	21	0.00		0.031		50	53		7.1		7.0	5.0	2.0													
Wed	22	0.00		0.037		54	48		6.8		7.2	1.0	<0.1													
Thu	23	0.00		0.033		47	44		7.0		7.3	3.0	<0.1													
Fri	24	0.00		0.037		45	46		7.3		7.2	25.0	<0.1													
Sat	25	0.00		0.033		48	49		7.4		7.4	45.0	<0.1													
Sun	26	0.00		0.048		49	49		7.2		7.5	50.0	<0.1													
Mon	27	0.00		0.027		47	49		7.3		7.4	3.0	<0.1													
Tue	28	0.00		0.036		47	49		7.2		7.5	20.0	<0.1													
Wed	29	0.00		0.033		48	49		7.3		7.5	20.0	<0.1													
Thu	30	0.00		0.034		49	48		7.3		7.5	20.0	<0.1	192		238										
Fri	31	0.00		0.035		49	48		7.5		7.6	10.0	<0.1													
		Total Precip.	Monthly Average		Average Influent		Average Effluent		Minimum		Maximum		Minimum		Maximum		Monthly Maximum		Monthly Maximum		30 day flow-weighted avg (1) Inf.(mg/l) Eff.(mg/l) Rem.%			30 day flow-weighted avg (1) Inf.(mg/l) Eff.(mg/l) Rem.%		
		1.18	0.035		48		48		6.4		7.5		6.5		7.6		112.0		6		418 ####			610 ####		
														30 Day Quantity				120.95 lbs/day		176.51 lbs/day						

FACILITY MAILING ADDRESS (Street, City, State, Zip code)				TELEPHONE NUMBER		CHIEF OPERATOR'S NAME		CERTIFICATION GRADE	
14 Old Route 199 Red Hook, NY 12571				845-244-0129		C3ND ENVIRONMENTAL		2A	
Day	Date	TOTAL PHOSPHORUS(mg/l)		Ultra Violet		FECAL COLIFORM Effluent MF or MPN/100m	REMARKS Enter any other comments, observations, operating problems, equipment failure, etc		
		Influent Type	Effluent Type	MW/CM2 #1	MW/CM2 #2				
Wed	01			0%	0%		Red Hook Commons UV'S not currently working & in need of replacement of Bulb's.		
Thu	02			0%	0%		There has been customer complaints referencing odor from wastewater treatment plant, initial investigation found that some odors are coming from odors wastewater discharge, while other investigations have found that the odor seems to be coming from the facilities EQ tank vent. The village is aware & are working on a remediation for the odors from the EQ vent line.		
Fri	03			0%	0%				
Sat	04			0%	0%				
Sun	05			0%	0%				
Mon	06			0%	0%				
Tue	07			0%	0%				
Wed	08			0%	0%				
Thu	09			0%	0%				
Fri	10			0%	0%				
Sat	11			0%	0%				
Sun	12			0%	0%				
Mon	13			0%	0%				
Tue	14			0%	0%				
Wed	15			0%	0%				
Thu	16			0%	0%				
Fri	17			100%	0%				
Sat	18			100%	0%				
Sun	19			100%	0%				
Mon	20			100%	0%				
Tue	21			100%	0%				
Wed	22			100%	0%				
Thu	23			100%	0%	2420			
Fri	24			100%	0%				
Sat	25			100%	0%				
Sun	26			100%	0%				
Mon	27			100%	0%				
Tue	28			100%	0%				
Wed	29			100%	0%				
Thu	30			100%	0%	2420			
Fri	31			100%	0%				
		30 day flow-weighted avg.(1) Influent(mg/ Effluent(mg/		Monthly Minimum(1 Maximum		30 day Geometric Mean			
				0 1		2420			
		lbs/day							

(1) Refer to current edition of "Notice to SPDES Permittees Regarding Use of the National Pollutant Discharge Elimination System (NPDES) Discharge Monitoring Report Form" for procedures to calculate loadings, flow-weighted average, geometric mean, maximum minimum, percent removal, etc.

Note: Refer to current SPDES permit for specific monitoring requirements. Sample type for chlorine residual and fecal coliforms is grab.

								FIXED MEDIA PROCESS CONTROL		ACTIVATION SLUDGE PROCESS CONTROL						
		Dissolved Oxygen		Ammonia as Nitrogen		TKN as Nitrogen		Ultimate Oxygen Demand		Recirculation Rate	Effluent Settleable Solids	Mixed Liquor S.S. (MLSS)	Settleable Sludge Volume (SSV) ml/l		Return Act. Sludge (RAS)	Waste Act. Sludge (WAS)
Day	Date		Effluent		Effluent		Effluent		Effluent	M.G.D	ml/l	mg/l	30Min	60 Min	M.G.D	Gallons
Wed	01		6.0													
Thu	02		6.0													
Fri	03		6.0													
Sat	04		6.0													
Sun	05		6.0													
Mon	06		7.0													
Tue	07		2.0													
Wed	08		6.0													
Thu	09		6.0													
Fri	10		6.0													
Sat	11		6.0													
Sun	12		6.0													
Mon	13		6.0													
Tue	14		7.0													
Wed	15		7.0													
Thu	16		6.0													
Fri	17		7.0													
Sat	18		6.0													
Sun	19		6.0													
Mon	20		7.0													
Tue	21		7.0													
Wed	22		7.0													
Thu	23		7.0		46.8		82.9									
Fri	24		7.0													
Sat	25		8.0													
Sun	26		7.0													
Mon	27		7.0													
Tue	28		5.0													
Wed	29		5.0													
Thu	30		5.0		53.2		63.3									
Fri	31		5.0													
								0.000								
					lbs/day		lbs/day									

