



Village of Red Hook Wastewater System

		Red Hook Commons	Village of Red Hook		
Average Daily Flow :		0.009 MGD (Million Gallons per Day)	0.039 MGD (Million Gallons per Day)		
		Required Samples	Result - Old Plant	Result - New Plant	Compliance
July 2024		<i>BOD (June 1 - Oct 31)</i>	2.4 mg/L	3.6 mg/L	5 mg/L
		<i>TSS</i>	2.5 mg/L	2.5 mg/L	10 mg/L
		<i>NH3</i>	0.0847	0.0847	0.98 mg/L (June 1 - Oct 31) 1.81 mg/L (Nov 1 - May 31)
		<i>Fecal Coliform</i>	<1.00/100 mL	<1.00/100 mL	200/100 mL
		<i>Dissolved Oxygen</i>	8.0 mg/L	8.0 mg/L	7.0 mg/L Minimum
Deficiencies					
Sand Filter	<i>Sand Filters have never been rebuilt or media replaced. To be reviewed and incorporated into the planning for the Sewer Phase II project.</i>				
Backflow Prev. Replacement	<i>Facilities backflow Preventor in need of replacement.</i>				
Additional Notes:					



WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF July 2024

SPDES PERMIT NO.		FACILITY NAME				FACILITY OWNER				FACILITY LOCATION								
NY- 0271420		Village of Red Hook Sewer				Village of Red Hook				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	
Mon	01	0.21		0.009		70	70		7.7		7.0	15.0	<0.1					
Tue	02	0.00		0.008		70	70		7.8		6.6	7.0	<0.1					
Wed	03	0.00		0.008		70	70		7.3		7.0	10.0	<0.1					
Thu	04	0.00		0.008		70	70		7.1		6.8	16.0	<0.1					
Fri	05	0.02		0.011		69	70		7.0		6.8	6.0	<0.1					
Sat	06	1.02		0.009		74	70		7.1		7.3	11.0	<0.1					
Sun	07	0.00		0.008		72	70		7.2		7.4	15.0	<0.1					
Mon	08	0.00		0.009		72	70		8.2		7.4	3.0	<0.1					
Tue	09	0.00		0.008		72	70		8.2		7.7	4.0	<0.1					
Wed	10	0.13		0.008		74	70		8.3		7.4	3.0	<0.1					
Thu	11	0.03		0.012		73	70		8.0		7.7	6.0	<0.1					
Fri	12	0.00		0.010		73	70		8.4		7.5	3.0	<0.1					
Sat	13	0.18		0.012		70	68		8.2		7.5	10.0	<0.1					
Sun	14	0.00		0.011		72	70		7.3		7.1	9.0	<0.1					
Mon	15	0.00		0.010		73	70		8.4		7.3	3.0	<0.1					
Tue	16	0.12		0.009		73	70		8.2		7.7	16.0	<0.1					
Wed	17	0.01		0.014		74	70		7.6		7.4	4.0	<0.1					
Thu	18	1.26		0.008		76	70		7.4		7.5	3.0	<0.1					
Fri	19	0.00		0.009		74	70		8.4		7.5	4.0	<0.1					
Sat	20	0.00		0.008		76	70		8.2		7.5	8.0	<0.1					
Sun	21	0.11		0.007		76	70		7.9		7.6	11.0	<0.1					
Mon	22	0.00		0.009		76	70		6.7		7.4	9.0	<0.1					
Tue	23	0.16		0.009		76	70		6.7		7.6	7.0	<0.1					
Wed	24	0.01		0.008		76	70		6.5		7.5	5.0	<0.1					
Thu	25	0.02		0.009		76	70		8.4		7.6	6.0	<0.1					
Fri	26	0.00		0.009		77	70		6.7		7.5	8.0	<0.1					
Sat	27	0.00		0.008		78	70		7.3		7.1	10.0	<0.1					
Sun	28	0.00		0.014		76	68		8.2		7.5	7.0	<0.1					
Mon	29	0.00		0.009		77	70		8.4		7.6	9.0	<0.1					
Tue	30	0.08		0.008		77	70		8.4		8.0	10.0	<0.1					
Wed	31	0.00		0.007		77	70		8.0		7.6	6.0	<0.1		2		3	
		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.%		
		3.36		0.009		74	70	6.5	8.4	6.6	8.0	16.0	<0.1	2	#DIV/0!	3	#DIV/0!	
													30 Day Quantity		0.18 lbs/day		0.19 lbs/day	

FACILITY MAILING ADDRESS (Street, City, State, Zip code) 14 Old Route 199 Red Hook, NY 12571				TELEPHONE NUMBER 845-244-0129		CHIEF OPERATOR'S NAME C3ND ENVIRONMENTAL		CERTIFICATION GRADE 2A	
Day	Date	TOTAL PHOSPHORUS(mg/l)		Ultra Violet		FECAL COLIFORM Effluent MF or MPN/100ml	REMARKS Enter any other comments, observations, operating problems, equipment failure, etc		
		Influent Type	Effluent Type	#1	#2				
Mon	01			100%	100%				
Tue	02			100%	100%				
Wed	03			100%	100%				
Thu	04			100%	100%				
Fri	05			100%	100%				
Sat	06			100%	100%				
Sun	07			100%	100%				
Mon	08			100%	100%				
Tue	09			100%	100%				
Wed	10			100%	100%				
Thu	11			100%	100%				
Fri	12			100%	100%				
Sat	13			100%	100%				
Sun	14			100%	100%				
Mon	15			100%	100%				
Tue	16			100%	100%				
Wed	17			100%	100%				
Thu	18			100%	100%				
Fri	19			100%	100%				
Sat	20			100%	100%				
Sun	21			100%	100%				
Mon	22			100%	100%				
Tue	23			100%	100%				
Wed	24			100%	100%				
Thu	25			100%	100%				
Fri	26			100%	100%				
Sat	27			100%	100%				
Sun	28			100%	100%				
Mon	29			100%	100%				
Tue	30			100%	100%				
Wed	31			100%	100%	1			
		30 day flow-weighted avg.(1) Influent(mg/l) Effluent(mg/l)		Monthly Minimum(1) Maximum		30 day Geometric Mean (1)			
				1 1		1			
		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	Media 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
Mon	01		8.0													
Tue	02		8.0													
Wed	03		8.0													
Thu	04		8.0													
Fri	05		8.0													
Sat	06		7.0													
Sun	07		7.0													
Mon	08		7.0													
Tue	09		7.0													
Wed	10		7.0													
Thu	11		8.0													
Fri	12		8.0													
Sat	13		7.0													
Sun	14		7.0													
Mon	15		7.0													
Tue	16		7.0													
Wed	17		7.0													
Thu	18		7.0													
Fri	19		7.0													
Sat	20		7.0													
Sun	21		7.0													
Mon	22		7.0													
Tue	23		7.0													
Wed	24		7.0													
Thu	25		7.0													
Fri	26		7.0													
Sat	27		7.0													
Sun	28		7.0													
Mon	29		7.0													
Tue	30		7.0													
Wed	31		7.0		0.1											
					lbs/day		lbs/day	0.000	lbs/day							

