



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
August 2024		<i>BOD (June 1 - Oct 31)</i>	<1.3 mg/L	<2.3 mg/L	5 mg/L
		<i>TSS</i>	4.40 mg/L	<2.94 mg/L	10 mg/L
		<i>NH₃</i>	<0.05	<0.05	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
<u>Deficiencies</u>					
Sand Filter	Sand Filters have never been rebuilt or media replaced. To be reviewed and incorporated into the planning for the Sewer Phase II project.				
Backflow Prev. Replacement	Facilities backflow Preventor in need of replacement.				
Additional Notes:					



WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF August 2024

SPDES PERMIT NO. 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		
Thu	01	0.53		0.038		70	70		7.7		7.0	15.0	<0.1						
Fri	02	0.00		0.032		70	70		7.8		6.6	7.0	<0.1						
Sat	03	1.09		0.037		70	70		7.3		7.0	10.0	<0.1						
Sun	04	0.17		0.029		70	70		7.1		6.8	16.0	<0.1						
Mon	05	0.78		0.052		69	70		7.0		6.8	6.0	<0.1						
Tue	06	0.09		0.042		74	70		7.1		7.3	11.0	<0.1						
Wed	07	0.61		0.042		72	70		7.2		7.4	15.0	<0.1						
Thu	08	0.00		0.040		72	70		8.2		7.4	3.0	<0.1						
Fri	09	0.27		0.040		72	70		8.2		7.7	4.0	<0.1						
Sat	10	0.99		0.041		74	70		8.3		7.4	3.0	<0.1						
Sun	11	0.00		0.034		73	70		8.0		7.7	6.0	<0.1						
Mon	12	0.00		0.040		73	70		8.4		7.5	3.0	<0.1						
Tue	13	0.00		0.038		70	68		8.2		7.1	10.0	<0.1						
Wed	14	0.00		0.036		72	70		7.3		7.3	9.0	<0.1						
Thu	15	0.00		0.040		73	70		8.4		7.7	3.0	<0.1						
Fri	16	0.00		0.044		73	70		8.2		7.4	16.0	<0.1						
Sat	17	0.00		0.041		74	70		7.6		7.5	4.0	<0.1						
Sun	18	0.03		0.036		76	70		7.4		7.5	3.0	<0.1						
Mon	19	0.42		0.038		74	70		8.5		7.5	4.0	<0.1						
Tue	20	0.10		0.039		76	70		8.2		7.6	8.0	<0.1						
Wed	21	0.00		0.039		76	70		7.9		7.4	11.0	<0.1						
Thu	22	0.00		0.037		76	70		6.7		7.6	9.0	<0.1						
Fri	23	0.00		0.046		76	70		6.7		7.5	7.0	<0.1						
Sat	24	0.00		0.042		76	70		6.5		7.5	5.0	<0.1						
Sun	25	0.00		0.043		76	70		8.4		7.6	6.0	<0.1						
Mon	26	0.41		0.034		77	70		6.7		7.5	8.0	<0.1						
Tue	27	0.00		0.039		78	70		7.3		7.1	10.0	<0.1						
Wed	28	0.00		0.038		76	68		8.2		7.5	7.0	<0.1						
Thu	29	0.00		0.036		77	70		8.4		7.6	9.0	<0.1		1		3		
Fri	30	0.12		0.047		77	70		8.4		8.0	10.0	<0.1						
Sat	31	0.00		0.040		77	70		8.0		7.6	6.0	<0.1						
		Total Precip.			Monthly Average	Average Influent	Average Effluent			Minimum	Maximum	Minimum	Maximum	Monthly Maximum	Monthly Maximum	30 day flow-weighted avg (1)		30 day flow-weighted avg (1)	
		5.61			0.039	74	70			6.5	8.5	6.6	8.0	16.0	<0.1	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	#DIV/0!	3	#DIV/0!
														30 Day Quantity		0.43 lbs/day		0.96 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				
Thu	01			100%	100%				
Fri	02			100%	100%				
Sat	03			100%	100%				
Sun	04			100%	100%				
Mon	05			100%	100%				
Tue	06			100%	100%				
Wed	07			100%	100%				
Thu	08			100%	100%				
Fri	09			100%	100%				
Sat	10			100%	100%				
Sun	11			100%	100%				
Mon	12			100%	100%				
Tue	13			100%	100%				
Wed	14			100%	100%				
Thu	15			100%	100%				
Fri	16			100%	100%				
Sat	17			100%	100%				
Sun	18			100%	100%				
Mon	19			100%	100%				
Tue	20			100%	100%				
Wed	21			100%	100%				
Thu	22			100%	100%				
Fri	23			100%	100%				
Sat	24			100%	100%				
Sun	25			100%	100%				
Mon	26			100%	100%				
Tue	27			100%	100%				
Wed	28			100%	100%				
Thu	29			100%	100%	1			
Fri	30			100%	100%				
Sat	31			100%	100%				
		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.

