

WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF: February 2021																			
SPEDES PERMIT NO. NY-0271420			FACILITY NAME Village of Red Hook			FACILITY OWNER same			FACILITY LOCATION Red Hook, NY										
DAY	DATE	Daily Precip. in/day	VOLUME OF SEWAGE TREATED			TEMPERATURE (°F)		pH (S.U.)				Settleable Solids (mg/l)		C.B.O.D.5. (mg/l)		Suspended Solids(mg/l)			
			Inst.Max. MGD	Dly 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		
1				0.011				54.5				7.51	7.51						
2				0.004				60.8				7.38	7.38						
3				0.011				59				7.36	7.36						
4				0.007				58.1				7.31	7.31						
5				0.011				56.1				7.75	7.75			160	5.3	268	5.3
6				0.007				58.82				7.47	7.47						
7				0.006				57.56				7.37	7.37						
8				0.008				59.9				7.44	7.44						
9				0.006				57.02				7.32	7.32						
10				0.007				58.28				7.24	7.24						
11				0.006				58.6				7.00	7.00						
12				0.002				61.7				6.93	6.93						
13				0.011				59.54				6.94	6.94						
14				0.008				61.52				7.17	7.17						
15				0.012				62.6				7.26	7.26						
16				0.005				59.36				7.22	7.22						
17				0.008				59				6.93	6.93						
18				0.003				54.3				7.31	7.31						
19				0.005				55.4				7.37	7.37			103	2.0	132	4.0
20				0.010				46.94				7.53	7.53						
21				0.008				59				7.43	7.43						
22				0.005				62.2				7.20	7.20						
23				0.009				57.7				7.50	7.50						
24				0.011				58.8				7.46	7.46						
25				0.006				64.04				7.63	7.63						
26				0.003				53.9				7.83	7.83						
27				0.009				56.12				7.46	7.46						
28				0.006				58.1				7.34	7.34						
29																			
30																			
31																			
		Total Precip. 0.00	Monthly Average 0.007			Monthly Maximum Influent 64		Minimum	Maximum	Monthly Minimum 6.9	Monthly Maximum 7.8	Monthly Maximum <0.1	Monthly Maximum <0.1	30 day flow-weighted avg (1) inf.(mg/l) 160 eff.(mg/l) 5.3		30 day flow-weighted avg (1) inf.(mg/l) 268 eff.(mg/l) 5.3			
		Max:	0.012											%Rem.-> 97		%Rem.-> 98			
												30 Day Average Quantity Loading (1)		0.34 lbs/day		0.34 lbs/day			

(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 Leslie A Coon Jr		CERTIFICATION GRADE 3A	
DAY	DATE	TOTAL PHOSPHORUS(mg/l)		Ultraviolet		FECAL COLIFORM		REMARKS Enter any other comments, observations, operating problems, equipment failures, etc.	
		Influent Type	Effluent Type	Contact Minimum	Effluent Maximum	Effluent MF or MPN/100ml			
	1			46.3	100.0				
	2			49.3	100.0				
	3			49.3	100.0				
	4			99.7	100.0				
	5			100.0	152.0	<1.0			
	6			71.8	100.0				
	7			55.0	100.0				
	8			60.7	100.0				
	9			62.3	100.0				
	10			57.5	100.0				
	11			41.7	100.0				
	12			67.3	100.0				
	13			58.8	100.0				
	14			63.0	100.0				
	15			60.6	100.0				
	16			65.4	100.0				
	17			59.8	100.0				
	18			58.7	100.0				
	19			70.4	100.0	<1.0			
	20			100.0	113.1				
	21			74.8	100.0				
	22			79.0	100.0				
	23			79.3	100.0				
	24			39.5	100.0				
	25			40.8	100.0				
	26			65.0	100.0				
	27			31.0	100.0				
	28			35.5	100.0				
	29								
	30								
	31								
		30 day flow-weighted avg mean(1)		Monthly		30 day geometric mean(1)			
		Influent mg/l	Effluent mg/l	Minimum(1)	Maximum(1)				
				31.0	152.0	<1.0			
		lbs/day							

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 NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for temperature, PH and settleable solids is grab

Day	Date	Fixed Media Process Control								Activated Sludge Process Control							
		NH3		DO		TKN		UOD		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)	
		Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	M.G.D	ml/l	mg/l	5 Minutes	30 minutes	M.G.D.	lbs/day	
	1				12.1												
	2				12.8												
	3				11.8												
	4				12.3												
	5		0.062		11.8		15.7		78.60								
	6				11.5												
	7				11.9												
	8				12.7												
	9				12.0												
	10				11.8												
	11				11.5												
	12				9.2												
	13				12.7												
	14				12.7												
	15				12.0												
	16				11.9												
	17				10.6												
	18				10.8												
	19		0.24		10.0		3.0		16.5								
	20				11.2												
	21				11.5												
	22				11.6												
	23				11.2												
	24				11.7												
	25				11.2												
	26				12.3												
	27				11.4												
	28				11.9												
	29																
	30																
	31																
Min:					9.2				MAX:	78.6							
30 Day Average Quantity			0.24														
Loading (1)			lbs/day		lbs/day		lbs/day		lbs/day								

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