

<b>WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF: August 2021</b>																			
SPEDES PERMIT NO. <b>NY-0271420</b>		FACILITY NAME <b>Village of Red Hook</b>				FACILITY OWNER <b>same</b>				FACILITY LOCATION <b>Red Hook, NY</b>									
DAY	DATE	Daily Precip. in/day	VOLUME OF SEWAGE TREATED			TEMPERATURE (°F)				pH (S.U.)				Settleable Solids (ml/l)		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		2.60		0.002		75	75.9	7.56	7.56	7.98	7.98	25.0	<0.1						
2		0.00		0.007		73	70.5	7.57	7.57	8.31	8.31	32	<0.1						
3		0.00		0.002		73.1	71.2	7.59	7.59	8.40	8.40	38	<0.1						
4		0.00		0.007		3	72.4	7.54	7.54	8.37	8.37	39	<0.1						
5		0.00		0.004		74.2	73.9	7.61	7.61	8.10	8.10	30	<0.1						
6		0.00		0.007		78.1	73.1	7.52	7.52	8.02	8.02	30	<0.1						
7		0.00		0.006		76.2	72.4	7.41	7.41	8.30	8.30	21	<0.1						
8		0.00		0.003		74.3	72.1	7.25	7.25	7.90	7.90	27	<0.1						
9		0.00		0.006		69.8	70.7	7.70	7.70	8.40	8.40	28	<0.1						
10		0.00		0.006		69.4	70	7.71	7.71	8.00	8.00	35	<0.1						
11		0.00		0.006		69	71.3	7.52	7.52	7.80	7.80	30	<0.1						
12		0.00		0.002		68.7	71.9	7.41	7.41	7.40	7.40	30	<0.1						
13		0.50		0.007		68.9	71.4	7.48	7.48	7.68	7.68	47	<0.1						
14		0.00		0.005		67.1	71.8	7.82	7.82	7.49	7.49	43	<0.1			119	7.8		
15		0.00		0.008		68.4	71.3	7.61	7.61	7.78	7.78	41	<0.1						
16		0.00		0.003			80.2			8.30	8.30		<0.1						
17		0.00		0.005			78.4			8.00	8.00		<0.1						
18		0.00		0.006		68	78.7	7.68	7.68	7.86	7.86	42	<0.1						
19		0.00		0.004		67.4	71.2			8.27	8.27	40	<0.1						
20		0.30		0.004		73.5	73.8	7.59	7.59	8.31	8.31	22	<0.1						
21		0.70		0.011		76.5	74.9	7.63	7.63	8.26	8.26	27	<0.1						
22		0.00		0.008			76.8			7.38	7.38	38	<0.1						
23		0.00		0.006		76.2	75.3			7.43	7.43	35	<0.1						
24		0.00		0.005		76.5	74.8			8.37	8.37	39	<0.1						
25		0.00		0.007		76.3	75.2	7.91	7.91	8.16	8.16	30	<0.1						
26		0.00		0.002		76.9	74			8.17	8.17	35	<0.1						
27		0.00		0.008		72.9	73	7.65	7.65	8.31	8.31	125	<0.1						
28		0.00		0.013		73.3	72.4	7.23	7.23	7.99	7.99	85	<0.1			630	8.0		
29		0.00		0.005		73	72.7	7.57	7.57	8.04	8.04	10	<0.1						
30		0.00		0.005		72.5	71.1	7.85	7.85	8.00	8.00	22	<0.1						
31		0.00		0.007		71	68.9	7.63	7.63	7.97	7.97	30	<0.1						
		Total Precip. <b>4.10</b>	Monthly Average <b>0.006</b>			Monthly Maximum Influent <b>78</b> Effluent <b>80</b>		Minimum <b>7.2</b>	Maximum <b>7.9</b>	Monthly Minimum <b>7.4</b>	Monthly Maximum <b>8.4</b>	Monthly Maximum <b>125.0</b>	Monthly Maximum <b>0.0</b>	Daily Max inf.(mg/l) eff.(mg/l)		Daily Max inf.(mg/l) eff.(mg/l)			
		Max:	<b>0.013</b>											%Rem.->		%Rem.->			
30 Day Average Quantity Loading (1)												lbs/day		<b>0.88</b>		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 Tem

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) <b>Red Hook, NY 12571</b>				TELEPHONE NUMBER		CHIEF OPERATOR'S NAME Leslie A Coon Jr		CERTIFICATION GRADE 3A	
DAY	DATE	TOTAL PHOSPHORUS(mg/l)		Ultraviolet		FECAL COLIFORM Effluent MF or MPN/100ml		REMARKS Enter any other comments, observations, operating problems, equipment failures, etc.	
		Influent Type	Effluent Type	Bank 1	Bank 2				
	1			15.7	100.0				
	2			0.9	100.0				
	3			0.8	100.0				
	4			0.0	100.0				
	5			0.0	100.0				
	6			0.0	100.0				
	7			0.0	100.0				
	8			12.6	100.0				
	9			12.0	100.0				
	10			19.9	100.0				
	11			15.9	100.0				
	12			15.1	100.0				
	13			20.3	100.0		10		
	14			20.7	100.0				
	15			14.6	100.0				
	16								
	17			19.7	100.0				
	18			11.7	100.0				
	19			12.8	100.0				
	20			12.4	100.0				
	21			20.5	100.0				
	22			13.7	100.0				
	23			12.7	100.0				
	24			12.9	100.0				
	25			12.3	100.0				
	26			13.2	100.0				Odor complaint called in, Post investigation the source was a contractor laying fresh asphalt
	27			21.4	100.0				
	28			61.5	100.0		<10		
	29			63.6	100.0				
	30			53.7	100.0				
	31			70.2	88.2				
		30 day flow-weighted avg mean(1)		Monthly		30 day geometric mean(1)			
		Influent mg/l	Effluent mg/l	Minimum(1)	Maximum(1)				
				0.0	100.0	<10			
		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

		Fixed Media Process Control								Activated Sludge Process Control						
Day	Date	NH3 as N		DO		Influent	Effluent	Influent	Effluent	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					M.G.D	ml/l	mg/l	5 Minutes	30 minutes	M.G.D.	lbs/day
	1				7.6											
	2				8.1											
	3				8.0											
	4				9.0											
	5				8.2											
	6				8.9											
	7				8.7											
	8				8.3											
	9				7.9											
	10				8.2											
	11				8.2											
	12				8.0											
	13		<0.05		8.3											
	14				8.7											
	15				8.3											
	16				7.9											
	17				7.7											
	18				7.3											
	19				7.0											
	20				7.8											
	21				7.2											
	22				7.8											
	23				7.6											
	24				7.3											
	25				7.6											
	26				7.2											
	27				7.4											
	28		0.149		7.6											
	29				8.3											
	30				8.4											
	31				8.2											
		<b>MAX:</b>	<b>0.149</b>	<b>MIN:</b>	<b>7.0</b>											
30 Day Average Quantity																
Loading (1)			lbs/day		lbs/day			lbs/day								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

