

WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF: August 2021

SPEDES PERMIT NO.

FACILITY NAME

FACILITY OWNER

FACILITY LOCATION

NY-0271420**Village of Red Hook****same****Red Hook, NY**

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			119	7.8
	14	0.00		0.005		67.1	71.8	7.82	7.82	7.49	7.49	43	<0.1				
	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. 4.10			Monthly Average 0.006			Monthly Maximum Influent 78 Effluent 80		Minimum 7.2	Maximum 7.9	Minimum 7.4	Maximum 8.4	Monthly Maximum 125.0	Monthly Maximum 0.0	Daily Max inf.(mg/l) eff.(mg/l)		inf.(mg/l) 630	eff.(mg/l) 8.0
Max:			0.013											%Rem.->		%Rem.->	99
30 Day Average Quantity Loading (1)												lbs/day		0.88	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) Red Hook, NY 12571					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					
	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	Media effluent	Mixed Liquor S.S. (MLSS) mg/l	Settleable Sludge Volume (SSV) ml/l		Return Act. Sludge (RAS) M.G.D.	Waste Act. Sludge (WAS) lbs/day
		Influent	Effluent	Influent	Effluent					Rate M.G.D	settleable solids ml/l		5 Minutes	30 minutes		
	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											
		MAX:	0.149	MIN:	7.0											
30 Day Average Quantity Loading (1)																
		lbs/day		lbs/day		lbs/day		lbs/day								

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[illegible]

1- Septage, holding tank waste and portable toilet waste		
Total		Max day

	Total	Max day
2- All other wastes		

3- Number of Part 364 haulers currently approved to transport wastes to this POTW

b. All others

a.	gallons
b.	gallons
c.	Gallons
d.	lbs.
e.	Gallons
f.	Gallons

a. Commercial	_____	kilowatt hours
b. Stand-by	_____	kilowatt hours

a. Natural Gas	cubic feet
b. Oil	gallons
c. Gasoline	gallons
d. Coal	tons
e. Digester Gas	cubic feet
f. propane	gallons

a. amount _____

b. solid content _____

c. Volatile Solids Content _____

d. Disposal Site: Superior Sanitation

a. Screenings _____

b. Grit _____

c. Ashes _____

d. _____

e. _____

f. _____

g. Disposal Site _____

Digester Gas Wasted

[illegible]

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative

Date _____