Wastewater Treatment Plant: Review and Available Capacity Determination



Prepared For: Oyster Bay Main Street Association

Date: September 2022



Prepared By: Walden Environmental Engineering, PLLC

TABLE OF CONTENTS

	2
EXISTING FACILITIES	2
RECENT OPERATIONAL PERFORMANCE	
POLLUTANT REMOVAL EFFECTIVENESS	
REMAINING AVAILABLE CAPACITY	
PREVIOUS AND EXISTING ALLOCATIONS FOR CAPACITY	
AVAILABLE UNALLOCATED CAPACITY	
SUMMARY AND CONCLUSIONS	
RECOMMENDATIONS	

TABLES

- Table 1. Average Daily Flow (2018-2020)
- Table 2. Average Daily Flow Based on Highest Six Months (2018-2020)
- **Table 3. Remaining Design Flow Capacity at the Sewage Plant**
- **Table 4. Summary of Estimated Allocations**
- Table 5. Available Unallocated Capacity at WWTP (gpd)
- Table 6. Available Unallocated Capacity Range of ERUs

APPENDICIES

- Appendix A FOIA Request for DMR/MRO
- Appendix B Wastewater Flow Data Analysis
- **Appendix C Wastewater Flow Monthly Reports (MROs)**
- **Appendix D Sample Semi-Annual Report (Example Format)**

INTRODUCTION

This Wastewater Treatment Plant Review and Available Capacity Determination (Report) was conducted and prepared by Walden Environmental Engineering, PLLC (Walden) at the request of the Oyster Bay Main Street Association (OBMSA). The purpose of this Report is to better determine the remaining treatment capacity that is currently available at the Oyster Bay Sewage Plant so that economic development efforts, strategies, and decisions can be better planned.

The Report is primarily prepared for purposes related to future planning and development issues in the Main Street area of Oyster Bay. Specifically, the Report is prepared for use as a tool for the following:

- Determining if the Oyster Bay wastewater treatment plant's actual flows are approaching or exceeding the design capacity.
- Making commitments for new connections with confidence that there is adequate capacity to serve the new as well as existing customers.
- Becoming more aware of how the facility is performing; and recommending appropriate steps to monitor and thus prevent overcommitting the facility.
- Providing all decision-makers with the information needed to make informed decisions about the capacity of the wastewater infrastructure and its ability to accommodate new connections in the Oyster Bay community.

EXISTING FACILITIES

The Oyster Bay Sewer District (District) incorporates approximately 1,000 acres of land, and the sanitary sewer collection system provides service to approximately 1,700 connections. The treatment plant was upgraded in the early 1990's to be able to process up to 1,800,000 gallons per day (gpd) of wastewater by means of primary treatment, secondary treatment and disinfection. The District has a current and effective State Pollutant Discharge Elimination System (SPDES) permit to discharge into the Oyster Bay Harbor. Three elected commissioners manage the District with a reported nineteen (19) employees.

RECENT OPERATIONAL PERFORMANCE

Monthly reports submitted to the New York State Department of Environmental Conservation (NYSDEC), Division of Water, were obtained through a Freedom of Information Act (FOIA) request and were reviewed. The FOIA request is shown in Appendix A. An analysis of the data received from this FOIA request is shown in Appendix B. Appendix C shows the data as it was received. The annual average of the monthly average of daily values of the volume of sewage treated at the Sewage Plant are presented in Table 1.

Table 1. Average Daily Flow (2018-2020)

Year	Average Daily Flow (gallons per day, gpd)
2018	1,026,000
2019	1,074,000
2020	1,047,000
Average Daily Flow (2018-2020)	1,049,000

The utilization values of the Sewer Plant are impacted by the level of seasonal activity in Oyster Bay. Therefore, the annual average of the six highest months were determined and used as a base flow for the calculation of available capacity. The annual average values of the six highest monthly average of daily values of wastewater treated at the Sewage Plant are presented in Table 2.

Table 2. Average Daily Flow Based on Highest Six Months (2018-2020)

Year	Average Daily Flow, Highest Six Months Flow (gpd)
2018	1,060,000
2019	1,102,000
2020	1,082,000
Average Daily Flow, Highest Six Months (2018-2020)	1,082,000

The resulting remaining capacity is determined by subtracting the highest 6-months annual average from the design average daily flow as presented in Table 3.

Table 3. Remaining Design Flow Capacity at the Sewage Plant

Average Daily Flow, Design	1,800,000 gpd
Average Daily Flow, Highest Six Months (from Table 2)	1,082,000 gpd
Remaining Design Flow Capacity	718,000 gpd

POLLUTANT REMOVAL EFFECTIVENESS

A review of the pollutant removal effectiveness during 2018, 2019 and 2020 was conducted as part of this Report. The current SPDES permit requires the monitoring and reporting of several components of the Sewage Plant's influent and effluent water. There are no reported significant issues meeting the SPDES permit requirements related to the Design Flow Capacity. Therefore, no adjustment of the values of Remaining Design Flow Capacity is necessary to help ensure the continued pollutant removal is at this level.

REMAINING AVAILABLE CAPACITY

Based on available and reviewed information, summarized by Table 3, the remaining capacity at the Sewage Plant can be estimated to be 718,000 gpd.

Sewer connections can be expressed in units of flow (gallons per day) or the equivalency of an expected single-family household (called an 'Equivalent Residential Unit' or 'ERU'). For use in this Report, an ERU is between 200 and 310 gallons per day and represents the expected sewage capacity needs of an average, new single-family home. Multiples of ERUs can then be applied to represent the expected sewage from commercial, institutional, industrial or other customer classifications.

Using the estimated 718,000 gpd of remaining sewer capacity, up to 2,316-3,590 new ERUs could be considered for connection to the sewer system without an expected exceedance of the Design Flow Capacity.

PREVIOUS AND EXISTING ALLOCATIONS FOR CAPACITY

Allocations of capacity have already been made but are not yet reflected in the Sewage Plant flow data. Future flows are expected to be generated from the following sources:

- 1. Properties which have current proposals pending before the Planning Board and approved projects currently under construction or near construction.
- 2. Vacant parcels in Oyster Bay that are expected to be developed.

Accurate information about vacant parcels and projects with sewer allocations in the Oyster Bay Sewer District was not available during this study. Therefore, it is estimated that 50,000 gpd (160-250 ERUs) are allocated for approved and pending projects as well as vacant parcels. This is summarized in Table 4 below.

Table 4. Summary of Estimated Allocations

Allocation Category	Flow (gpd)	Units (ERUs)
Approved and Pending Projects	50,000	160-250
Undeveloped Properties	50,000	160-250
Total Estimated Allocations	100,000	320-500

AVAILABLE UNALLOCATED CAPACITY

The available capacity at the Sewer Plant that has not already been allocated can be calculated by subtracting the Total Estimated Allocations presented in Table 4 from the Remaining Design Flow Capacity presented in Table 3.

The Available Unallocated Capacity (in gallons per day) at the Oyster Bay Sewage Plant is presented in Table 5.

Table 5. Available Unallocated Capacity at WWTP (gpd)

	Flow (gpd)
Remaining Design Flow Capacity (Table 3)	718,000
Less Total Estimated Allocations (Table 4)	100,000
Remaining Unallocated Capacity at WWTP	618,000

After accounting for allocations, the expected range of Available Unallocated Capacity (in ERUs) at the Oyster Bay Sewage Plant is presented in Table 6.

Table 6. Available Unallocated Capacity – Range of ERUs

	ERUs
Low End of Range, Unallocated Available Capacity (310 gallons per ERU), rounded	2,000
High End of Range, Unallocated Available Capacity (200 gallons per ERU), rounded	3,100

SUMMARY AND CONCLUSIONS

The findings of this Report indicate that current utilization of the Oyster Bay Sewage Plant based on the six highest monthly values of 2018, 2019 and 2020 is 1,082,000 gallons per day (Design Daily Average is 1,800,000 gpd). The remaining capacity is 718,000 gallons per day (*gross capacity*). After estimating that 100,000 gpd of sewer capacity has already been allocated to vacant parcels and current projects which aren't represented in the sewer flow data, the net remaining capacity at the Oyster Bay Sewage Plant is an estimated 618,000 gallons per day. This is equivalent to the sewer capacity demand of approximately 2,000 to 3,100 new single-family homes.

RECOMMENDATIONS

Available capacity at a community's sewage treatment facilities is often relied upon as a primary indicator of a community's readiness for redevelopment and growth. Therefore, enhanced monitoring and awareness of this value is recommended. To best monitor and manage this community resource, the type of review and reporting done in this Report should be repeated no later than the soonest of the following:

- 1. Full data from 2021, 2022 and 2023 has been collected (expected in early 2024).
- 2. The Highest 6-month average daily flow becomes more than 1,500,000 gpd (83% of the 1,800,000 gpd Design Flow Capacity) over any rolling 12-month period.
- 3. More than 1,000 ERUs of unallocated available capacity (Table 6) become allocated to new projects, redevelopments or growth.

The Oyster Bay community could consider a more open and transparent tracking and reporting of undeveloped properties and the expected sewer use of approved/pending projects. Although not required, this awareness and sharing of information could help planning efforts throughout the community of Oyster Bay.

The Oyster Bay community could consider a preliminary study of treatment capacity expansion potential at the Sewage Plant. The study should target identifying cost-effective measures and improvements that could be taken to increase the capacity of the Sewage Plant by approximately 20% to 30% (360,000 to 540,000 gallons per day). Although an expansion is not necessary at this time, a preliminary study could provide a valuable planning tool for the community of Oyster Bay. Such a preliminary study could be completed by the District or other qualified experts.

The District should be asked to prepare a semi-annual interim report, as outlined in this Recommendations section (and an example provided in Appendix D), and make it accessible to the greater community of Oyster Bay by the end of January and July of each year for the prior six months.

Appendices

Wastewater Treatment Plant: Review and Available Capacity Determination

Oyster Bay, New York

Appendix A: FOIA Request for DMR/MRO

Appendix B: Wastewater Flow Data Analysis

Appendix C: Wastewater Flow Monthly Reports (MROs)

Appendix D: Sample Semi-Annual Report (Example Format)

Appendix A FOIA Request for DMR/MRO

Wastewater Treatment Plant: Review and Available Capacity Determination



Thomas (Ted) Nitza, Jr., P.E. Vice President Walden Environmental Engineering 16 Spring Street Oyster Bay, New York 11771

April 14, 2021

Thomas D. Galasso Commissioner Oyster Bay Sewer District 15 Bay Avenue Oyster Bay, New York 11771 (516) 922-4171

RE: FOIA Request for DMR/MRO for Oyster Bay Sewer District

Dear Commissioner Galasso:

Under the New York Freedom of Information Law, N.Y. Pub. Off. Law sec. 84 et seq., I am requesting an opportunity to inspect or obtain copies of public records that include the Oyster Bay Sewer District Daily Monitoring Reports (DMR) or Maintenance, Operations or Repair Reports (MRO) for the years of 2018-2020.

If there are any fees for searching or copying these records, please inform me if the cost will exceed \$100. However, I would also like to request a waiver of all fees and/or I am willing to accept emailed versions of the same material.

The New York Freedom of Information Law requires a response time of five business days. If access to the records I am requesting will take longer than this amount of time, please contact me with information about when I might expect copies or the ability to inspect the requested records.

For better understanding, I have attached examples of the information we are seeking.

If you deny any or all of this request, please cite each specific exemption you feel justifies the refusal to release the information and notify me of the appeal procedures available to me under the law.



Thank you for considering my request.

Thomas Aliss'

Sincerely,

Thomas (Ted) Nitza, Jr., P.E.

Tnitza@walden-associates.com

(260) 416-6188

Attachment: Example (Redacted) DMR/MRO

Appendix B Wastewater Flow Data Analysis

Wastewater Treatment Plant: Review and Available Capacity Determination

		2018				2019				2020	
Year	<u>Month</u>	Flow		Year	Month	Flow		Year	<u>Month</u>	Flow	
		Average	Top 6 Month			Average	Top 6 Month			Average	Top 6 Month
2018	January	0.964		2019	January	1.088	1.088	2020	January	1.046	1.046
	February	1.051	1.051		February	1.032			February	1.044	
	March	1.120	1.12		March	1.061			March	1.091	1.091
	April	1.026	1.026		April	1.087	1.087		April	1.135	1.135
	May	1.013			May	1.131	1.131		May	1.061	1.061
	June	1.000			June	1.071	1.071		June	1.012	
	July	0.963			July	1.101	1.101		July	1.011	
	August	1.016			August	1.071			August	0.976	
	September	1.030	1.03		September	1.039			September	0.990	
	October	0.999			October	1.050			October	1.033	
	November	1.057	1.057		November	1.024			November	1.060	1.060
	December	1.079	1.079		December	1.134	1.134		December	1.101	1.101

			WWTP [Design Average Day:	1.8	MGD
		Average Flow				
		12 month	% of 1.8	Top 6 months	% of 1.8	
2018		1.026	57%	1.060	58.9%	
2019		1.074	60%	1.102	61.2%	
2020		1.047	58%	1.082	60.1%	
2018-20	020	1.049	58%	1.082	60%	
				0.718	Million Gallon	s per day
Remair	ning Capacity at	t WWTP	(Gross)	718,000	gallons per da	У
1.0 ERU	<u> </u> <u> :</u>			Range of Capac	ity Available	
310	per single fam	ily home		2,316	single family h	iomes
200	per single fam	ily home		3,590	single family h	omes
				100,000	Already Alloca	ted/Planned
Remair	ning Capacity at	t WWTP	(Net)	618,000	Remaining for	Growth
1.0 ERU	<u> </u> <u> :</u>			Range of Capac	ity Available	
310	per single fam	ily home		1,994	single family h	iomes
200	per single fam	ily home		3,090	single family h	omes

Appendix C Wastewater Flow Monthly Reports (MROs)

Wastewater Treatment Plant: Review and Available Capacity Determination

March Marc	H	PRECIP VOLUN	VOLUME OF SEWAGE TREATED	ED D.O.	TEMPERATURE(F)	ATURE(F)	.U.S) Hd	s.u.)	SET SOLIDS (ML/L	S (ML/L)	CBOD ₅ (MG/L)	(MG/L)	TSS	TSS (MG/L)	TOTAL	TOTAL NITROGEN
0 0	N	_	DAILY AVG	L	INFL	EFFL	INFL	EFFL	Г	FFL MAX	INFL	EFFL	INFL	EFFL	INFLUENT(mg/l)	EFFLUENT(mg/l)
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		T	0.889	-			7.6			0.1						
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0.9850	10.6	45.0		7.4	7.5		0.1						
0.8		0	0.9290	9.6	45.0		7.4	7.4		0.1						
1 0 0 1 1 1 0 1 1 1 1 4 1		89	0.9680	6.6	44.0		7.3	7.4		0.1						
0 0		1	0.9700	10.2	42.0		7.4	7.5		0.1	160					
0 0		0	0.9000	9.8	42.0		7.3			0.1						
0 0		0	0.9820	6.6	42.0		7.3	8		0.1						
0 0		0	0.9010	8.9	42.0		7.3			0.1						
0 0		0	1.0280	9.5	46.0		7.3			0.1						
0.0 0.0920 7.9 440 470 430 7.3 7.5 7.5 0.0		0	0.8850	5.9	45.0		7.3			0.1						
0.6 0.9660 7.4 4.70 44.0 7.3 7.5 0.1 0.1 0.0 0.	L	0	0.9230	6.7	46.0		7.3			0.1	136					
02 10400 89 460 430 73 74 01 <t< td=""><td></td><td>9.</td><td>0.9860</td><td>7.4</td><td>47.0</td><td></td><td>7.3</td><td></td><td></td><td>0.1</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		9.	0.9860	7.4	47.0		7.3			0.1						
0 1 0650 7.9 46.0 43.0 7.3 7.5 0.1 0.1 0.0 0.	L	.2	1.0400	8.9	46.0		7.3			0.1						
0 0		0	1.0550	7.9	46.0		7.3	7.3		0.1						
0 0	L	0	0.9390	8.4	44.0		7.3	7.5		0.1						
0.2 0.08560 9.2 44.0 41.0 7.3 7.4 0.1 132 2.2 136 4 30.5 0 0.09500 8.6 42.0 40.0 7.2 7.4 0.1 132 2.2 136 4 30.5 0 0.09500 11.1 42.0 40.0 7.2 7.4 0.1 0.1 0.0 <t< td=""><td></td><td>0</td><td>0.9700</td><td>8.6</td><td>44.0</td><td></td><td>7.3</td><td>7.5</td><td></td><td>0.1</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		0	0.9700	8.6	44.0		7.3	7.5		0.1						
0 0	L	.2	0.9850	9.2	44.0		7.3	7.4		0.1						
0 0	L	0	0.9620	8.6	42.0		7.3	7.4		0.1	132					
0 0	L	0	0.9350	11.1	42.0		7.2	7.4		0.1						
0 0	L	0	0.9940	10.4	44.0		7.3	7.4		0.1						
0 1,0940 8.9 46.0 44.0 7.3 7.4 0.1 9.2 9.2<		0	0.8220		46.0					0.1						
0.6 0.9920 9.2 46.0 43.0 7.3 7.4 0.1 142 2.1 108 4.8 37.1 0 0.9950 8.6 46.0 42.0 7.3 7.4 0.1 142 2.1 108 4.8 37.1 0 0.9950 8.6 45.0 42.0 7.3 7.4 0.1 4.8 4.8 37.1 0 0.9990 8.6 45.0 42.0 7.3 7.4 0.1 6.1 8.8 37.1 0 0.9760 8.6 45.0 42.0 7.3 7.4 0.1 8.8 8.8 8.8 8.8 8.8 8.8 9.8		0	1.0940	8.9	46.0		7.3	7.4		0.1						
0 0.9950 8.6 46.0 42.0 7.3 7.4 0.1 142 2.1 108 4.8 37.1 0 0.9950 8.9 46.0 42.0 7.3 7.4 0.1 4.2 2.1 108 4.8 37.1 0 0.9950 8.9 46.0 44.0 7.3 7.4 0.1 6.1	L	9.	0.9920	9.2	46.0		7.3	7.4		0.1						
0 0.9510 8.9 46.0 42.0 7.3 7.4 0.1 142 2.1 108 4.8 37.1 0 0.9990 8.6 45.0 42.0 7.3 7.4 0.1 6.	L	0	0.9950	8.6	46.0		7.3	7.4		0.1						
0 0 0.9990 8.6 45.0 42.0 7.3 7.4 0.1 <td></td> <td>0</td> <td>0.9510</td> <td>8.9</td> <td>46.0</td> <td></td> <td>7.3</td> <td>7.4</td> <td></td> <td>0.1</td> <td>142</td> <td></td> <td></td> <td></td> <td></td> <td>4.20</td>		0	0.9510	8.9	46.0		7.3	7.4		0.1	142					4.20
0 0 0.8900 8.9 46.0 44.0 7.3 7.5 0.1 0 0.2 0.9760 8.6 45.0 42.0 7.3 7.4 0.1 </td <td></td> <td>0</td> <td>0.9990</td> <td>8.6</td> <td>45.0</td> <td></td> <td>7.3</td> <td>7.4</td> <td></td> <td>0.1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		0	0.9990	8.6	45.0		7.3	7.4		0.1						
0.2 0.9760 8.6 45.0 42.0 7.3 7.4 0.1 0.	_	0	0.8900	8.9	46.0		7.3	7.5		0.1						
0 0.9760 10.7 46.0 44.0 7.2 7.3 0.1		.2	0.9760	8.6	45.0		7.3	7.4		0.1						
0 1,0090 9,7 46.0 43.0 7.2 7.3 0.1 0.1 0.1		0	0.9760	10.7	46.0		7.2	7.3		0.1						
0 0.9530 11.7 42.0 40.0 7.3 7.4		0	1.0090	6.7	46.0		7.2	7.3		0.1						
0.9640 MONTHLY 9.2 MONTHLY AVG 44.6 MONTHLY AVG 40.9 MONTHLY AVG 7.4 MON MAX 7.5 MON MAX 0 0.1 MON MAX 0 0.1 MON MAX 10TAL NITROGEN FWA AVG MONTHLY AVG 7.2 MIN PH 7.3 MIN PH MIN PH MIN PH MIN PH MIN PH MIN PH 33.6 33.6		0	0.9530	11.7	42.0		7.3	7.4								
0.9840 9.2 44.6 40.9 7.4 7.5 0 0.1																
MONTHLY INFL EFFL MAX pH MAX pH MAX pH MAX pH MAX pH MON MAX MON MAX </td <td>3.</td> <td>09</td> <td>0.9640</td> <td>9.5</td> <td>_</td> <td>40.9</td> <td>7.4</td> <td>7.5</td> <td>0</td> <td>0.1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	3.	09	0.9640	9.5	_	40.9	7.4	7.5	0	0.1						
AVG MONTHLY AVG 7.2 7.3 MIN PH MIN PH MIN PH 308.2 33.6	2	TAL	MONTHLY	MONTHL		EFFL	MAX pH	MAX pH	MON MAX	MON MAX					TOTAL NITROGE	N FWA
MIN pH 308.2 33.6	PRE	ECIP	AVG	AVG	MONTH	ILY AVG	7.2	7.3	MICIN INIXA	MCINI NOM						EFFLU
							MIN PH	MIN pH							308.2	33.6

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
279.0 CUBIC FEET

MAX TEMPERATURE (F) [44.0

INFLUENT(mg/l) | EFFLUENT(mg/l) | 30.2 | 4.8 TOTAL NITROGEN 42.9 29.5 30.9 13.6 TSS (MG/L) 112 168 100 130 INFL CBOD₅ (MG/L) EFFL OYSTER BAY STP FACILITY OPERATION REPORT PAGE 1 CALCULATIONS NY0021822 SET SOLIDS (ML/L) INFL MAX | EFFL MAX 10000000 2000000 pH (S.U.) EFFL TEMPERATURE(F) 440.0 44 43.0 44.0 44.0 45.0 45.0 47.0 47.0 48.0 VOLUME OF SEWAGE TREATED INST MIN DAILY AVG INST MAX 0.952 1.0410 1.0340 1.0340 1.0270 1.0430 1.0940 1.0590 0.9790 0.9420 1.0000 1.0350 0.9760 1.0440 1.0300 1.0730 1.1030 0.9900 1.1090 1.1310 1.1480 1.0400 PRECIP IN/DAY 2/2/2018 2/4/2018 2/4/2018 2/6/2018 2/6/2018 2/7/2018 2/10/2018 2/10/2018 2/11/2018 2/13/2018 2/13/2018 2/13/2018 2/15/2018 2/15/2018 2/16/2018 2/16/2018 2/16/2018 DATE

SUN MON THURS SUN MED THURS SUN MON MON MON MON MON MON MON MON MED

DAY

AMOUNT	YARDS
SCREENINGS REMOVAL FROM PLANT	FROM PLANT
AMOUNT	₹ 252.0 CUBIC FEET

EFFLUENT 40.1

INFLUENT

MON MAX

MON MAX

8.5 7.6 MAX pH MAX pH 7.1 7.1 7.1 MIN pH MIN pH

144.9 42.4 INFL EFFL MONTHLY AVG

9.5 MONTHLY AVG

1.0510 MONTHLY AVG

5.90 TOTAL PRECIP

0.1

TOTAL NITROGEN FWA 292.7 lbs/day

> 46.0 MAX TEMPERATURE (F) ==

1110 4 1 1 11 1

	(mg/l)	9.00							6.00							4.10							6.20							3.60						
TOTAL NITROGEN	EFFLUENT															_																		N FWA	EFFLU	46.3
TOTAL	INFLUENT(mg/l) EFFLUENT(mg/l)								24.2							45.3							33.4							21.1				TOTAL NITROGEN FWA	INFLÜENT	277.0
TSS (MG/L)	EFFL	4							3							7			_				4							4						
TSS	IN I	104							2 58							122							122							92						
(MG/L)	EFFL															2.3					٠		2							2						
CBOD ₆ (MG/L)	INFL	131							93							126							123							113						
DS (ML/L)	EFFL MAX	0.1	0.1	0.1	0,1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0,1	0.1	0.1		0.1	MON MAX	INCOM NOTION	
SET SOLIDS (ML/L)	INFL MAX	l																			:												0	XAM NOM	ן ישואייטואי	
(n:	EFFL	7.3	7.3	7.2	7.3	7.4	7.4	7.4	7.3	7.2	7.3	7.3	7.5	7.5	7.4	7.4	7.5	7.5	7.4	7.6	7.5	7.5	7.4	7.6	7.5	7.4	7.5	7.5	7.5	7.5	7.5	7.4	7.6	MAX pH	7.2	MEN
pH (S.U.)	NFL	7.2	7.2	7.1	7.2	7.3	7.3	7.2	7.2	7.1	7.2	7.2	7.3	7.2	7.2	7.3	7.4	7.3	7.2	7.6	7.4	7,4	7.3	7.3	7.3	7.3	7.5	7.3	7.4	7.4	7.3	7.3		MAX pH	7.1	T N
rure(F)	EFFL	45.0	43.0	43.0	42.0	40.0	42.0	40.0	40.0	40.0	39.0	39.0	42.0	41.0	40.0	42.0	42.0	42.0	45.0	43.0	42.0	42.0	41.0	42.0	42.0	42.0	44.0	43.0	45.0	45.0	46.0	46.0	42.1	\dashv	П	
TEMPERATURE(F)	INFL	48.0	46.0	46.0	46.0	44.0	45.0	44.0	43.0	42.0	41.0	44.0	44.0	43.0	43.0	45.0	44.0	44.0	44.0	45.0	44.0	44.0	44.0	0.44	45.0	44.0	46.0	45.0	47.0	47.0	48.0	48.0	44.6	NFI.	MONTHLY AVG	
D.O.	EFF	8.9	9.6	10.4	9.6	11.4	10.9	11.2	10.9	11.4	11.2	10.9	7.9	8.9	8.6	8.8	8.9	7.9	8.6	9.6	8.9	9.2	8.9	8.4	9.1	8.4	10.2	9.8	8.9	9.5	6.6	8.6	9.6	MONTHLY	AVG	
REATED	INST MAX																												•							1
VOLUME OF SEWAGE TREATED	DAILY AVG	П	1.1610	1.4560	1.5220	1.2380	1.2010	1.2170	1.2170	1.4120	1.2090	1.2630	0.9880	1.0950	1.1550	1.0730	1.0990	1.0120	1.1060	0.9200	1.0280	0.9720	1.0560	1.0530	1.0190	1.1600	0.9840	1.0000	1.0210	1.0120	1.0460	0.9520	1.1198	MONTHLY	AVG	
VOLUME	INST MIN														_													_							لـــ	
PRECIP	NDAY	.0.3	3	0	0	-	o	1.3	0	0	0	0	0	9.0	0	0	٥	٥	0	0	0	6.0	6.0	0	0	0	0	0	0	0	0	0	7.90	TOTAL	PRECIP	
DA TC	<u>u</u>	3/1/2018	3/2/2018	3/3/2018	3/4/2018	3/5/2018	3/6/2018	3/7/2018	3/8/2018	3/9/2018	3/10/2018	3/11/2018	3/12/2018	3/13/2018	3/14/2018	3/15/2018	3/16/2018	3/17/2018	3/18/2018	3/19/2018	3/20/2018	3/21/2018	3/22/2018	3/23/2018	3/24/2018	3/25/2018	3/26/2018	3/27/2018	3/28/2018	3/29/2018	3/30/2018	3/31/2018				
> 42	<u>.</u>	THURS	FRI	SAT	SUN	NOM	TUES	WED	THURS	FRI	SAT	Н	Н			_	-	SAT	NOS	MON	TUES	WED	THURS	-	Н	SUN	MON	TUES	WED	-	-					

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
1 279.0 CUBIC FEET

MAX TEMPERATURE (F) 3 46.0

5/17/2018April 2018 operations report

OYSTER BAY STP FACILITY OPERATION REPORT PAGE 1 CALCULATIONS NY0021822



SUN 4/1/2018 MON 4/2/2018		_	VOLUME OF SEWAGE TREATED		0.0	- EMPERALORE(F)	UKE(F)	pH (S.U.)).) -	SEI SOLII	SET SOLIDS (ML/L)	CBOD ₅ (MG/L)	5 (NIGIL)	001	I SS (MG/L)		I OTAL NITROGEN
H		INST MIN	DAILY AVG INS	INST MAX	EFFL III	INFL EF	EFFL INFI			NFL MAX	EFFL MAX	INFL	EFFL	INFL	EFFL	INFLUENT(mg/l)	EFFLUENT(mg/l)
H	0 == 8	1	П		8.9	48.0	45.0	7.2	7.3		0.1						
	3 0.3		0.9370								0.1						
TUES 4/3/2018	3 0.3		1.0420		11.3	42.0	40.0	7.4	7.7		0.1						
H	3 0.1		1.0150		10.9	46.0	43.0	7.3	7.4		0.1						
THURS 4/5/2018	0		1.0080		9.6	45.0	43.0	7.4	7.5		0.1	1	118 2.1	120	4	29.0	3.90
\vdash	0		1.0260		9.4	45.0	43.0	7.3	7.5		0.1						
SAT 4/7/2018	0		0.9590		8.8	45.0	43.0	7.3	7.5		0.1						
\vdash	0		1.0760		10.9	46.0	43.0	7.3	7.4		0.1						
+	-		1.0160		11.3	46.0	43.0	7.5	7.3		0.1						
TUES 4/10/2018			0.8900		10.2	46.0	44.0	7.4	7.5		0.1						
	0 8		0.9890		6.6	46.0	44.0	7.4	7.5		0.1						
S 4/12/2018	8 0		0.9970		9.6	47.0	44.0	7.3	7.5		0.1	ω,	86 4.1	104	5.2	26.3	4.10
FRI 4/13/2018	8 0		1.0580		8.9	48.0	45.0	7.6	7.5		0.1						
\vdash	0 8		0.9110		10.9	46.0	46.0	7.3	7.4		0.1						
4/15/2018	8 0.3		1.0540		6.6	46.0	43.0	7.4	7.5		0.1						
-			0.9530		9.6	42.0	44.0	7.5	7.7		0.1						
TUES 4/17/2018			1.2800		10.1	46.0	40.0	9.7	7.7		0.1						
4/18/2018	0 8		1.0700		6.6	45.0	48.0	7.5	7.6		0.1						
THURS 4/19/2018	8 0.2		1.1410		8	46.0	47.0	7.7	7.7		0.1	96.5		2 60	4	22.0	6.70
4/20/2018	8 0		1.0730		9.5	46.0	44.0	7.5	7.6		0.1						
4/21/2018	0 8		09260		9.6	47.0	44.0	7.4	9.7		0.1						
4/22/2018	0 8		1.0180		9.2	46.0	45.0	7.5	7.6		0.1						
4/23/2018	0 8		1.0500		9.6	46.0	44.0	7.3	7.5		0.1						
TUES 4/24/2018	8 0		1.0350		9.3	51.0	44.0	7.4	7.5		0.1						
			0.9940		9.7	52.0	48.0	7.4	7.7		0.1						
			1.0320		9.4	54.0	48.0	7.4	7.6		0.1	7	134 6.6	3 114	10	33.6	11.90
FRI 4/27/2018	8 0.1		1.0500		8.6	55.0	20.0	7.5	7.7		0.1						
SAT 4/28/2018	0 8		0.9910		9.7	22.0	51.0	7.4	7.6		0.1						
SUN 4/29/2018	8 0.2		1.0100								0.1						
MON 4/30/2018	0 8		1.0220		9.5	54.0	20.0	7.6 ch	chuck15		0.1						
								1	1								
	4 60		10258		47	47.4	44.9	77	77	c	0.1		-				
	T		VIHTINOM	OM	MONTHIX	INI	FEEL	Į	Ī							TOTAL NITROGEN FWA	N FWA
	T PRECIP		AVG)	AVG	MONTHI Y AVG	+	+	_	MON MAX	MON MAX					INFLUENT	EFFLUENT
		7					Т	MININ	HO NIM							239.6	
]	+					-			helday	

GRIT REMOVAL FROM PLANI	PLANI
AMOUNT	- YARDS
SCREENINGS REMOVAL FROM PLANT	AL FROM PLANT
AMOUNT	270.0 CUBIC FE

MAX TEMPERATURE (F)

10.00 10.00	Ш			Ī	ſ	Ť	ODODS (3	- 1	10001
	9.7		EFFL INFL	7.4 EFFL	INFL MAX	EFFL MAX	NFL EFF	INF.	- EFF	INFLUEN I (mg/l)	EFFLUENI (mg/l)
		57.0	53.0	7.5	7.6						
	6.6	58.0	55.0		9	0.1	95.9	3.3	74 4	4.8	8.90
	10.1	29.0	56.0		9	0.1					
	6.7	57.0	53.0		7.6	0.1					
	10.1	29.0	56.0		7.6	0.1					
						0.1					
	6.6	29.0	56.0	7.5 7.	7.6	0.1					
	9.6	58.0	54.0		7.6	0.1					
	6.6	58.0	56.0	7.5 7.	7.6	0.1	105	2	112	4 30.7	7.90
	9.6	0.09	56.0		7.5	0.1					
0.2 1.0900	9.4	0.09	56.0		5	0.1					
0.2 1.9730	9.6	58.0	54.0	7.5 7.	7.6	0.1					
0 0.9520	8	55.0	52.0		7.3	0.1					
0.4 1.0110	8.6	67.0	54.0		7.3	0.1					
0.6 0.9920	8.9	58.0	55.0		7.4	0.1					
	9.5	57.0	54.0		7.3	0.1	156	2	148	4 33.0	2.30
	6	29.0	56.0		3	0.1					
0.7 1.0030	9.4	58.0	26.0	7.2 7.3	3	0.1					
	6	29.0	26.0		7.3	0.1					
	8.9	0.09	56.0	3.8 3.8	8	0.1					
0.3 0.9990	9.2	61.0	57.0	7.1 7.8	8	0.1					
	8.9	0.09	26.0	7.1 7.2	2	0.1					
	9.4	61.0	57.0	7.1 7.3	3	0.1	136	2	156 5	5.2 29.4	4.40
	9.6	61.0	57.0	7.1 7.1	1	0.1					
0 0.9210	9.1	62.0	59.0	7.1 7.2	2	0.1					
0.9070						0.1					
	9.3	0.09	59.0	7.1 7.2	2	0.1					
0 1.0580	8.9	61.0	57.0	7.1 7.3	3	0.1					
0 1.0320	9.2	62.0	58.0	7.1 7.2	2	0.1					
0 0.9460	9.6	62.0	58.0	7.2 7.4	4	0.1	144	2	194	4 26.1	4.70
		+	-	\dashv							
2.70	9.4	59.1	8.55		0	0.1					
DOLAL MONIFICA	MONTHLY	INFL	FFL	Ž I	MON MAX	MON MAX		-	-	ROGEN	FWA
_	AVG	MONITE	AVG	3.8 3.8						INFLUENI	EFFLUENI

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
279.0 CUBIC FEE

MAX TEMPERATURE (F) = 59.0

ROGEN	EFFLUENT(ma/l)							4.40							3.50							4.60							5.30					FWA	36.9	lhe/day
TOTAL NITROGEN	INFLUENT(mg/l) E							31.1							32.2							31.8							63.3					TOTAL NITROGEN FWA	3226	lhelday
TSS (MG/L)	EFFL							134 4							164 4							92 4							130 4							
_	FL INFL	T		-				2							2.1							2							2							_
CBOD ₅ (MG/L)	INFL EFFL							106							156							113							123							-
SET SOLIDS (ML/L)	EFFL MAX	Г	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	MON MAX		1
SET SOLI	INFL MAX	Γ																															0	MON MAX		
pH (S.U.)	EFFL		7.2 7.3						7.2 7.3					.3 7.8		7.2 7.3						7.2 7.2		7.3 7.4		7.2 7.3				7.3 7.4	7.2 7.4		_	H MAX pH	Σ	4
_	INFL													57.0						58.0 7				60.0						62.0			-	MAX pH	MNN	
TEMPERATURE(F)	EFFL			62.0					61.0 5					61.0 5							65.0			63.0 60						65.0 62			.2 58.3	1		
	EFFL INFL	_	-	9.2	-		6			6						8.8		8.8						8.4	-	+	1			9.4			-		1	
	INST MAX EF	L	6	6	6	6		8	6		_	6	80	8	80	8		8	6	7.	8	6	7	σ)	89	80	00	80	9.1	6	6		8.9	MONIH		
VOLUME OF SEWAGE TREATED	DAILY AVG IN	Г	1.0980	1.1260	1.0090	1.0040	0.9890	1.0210	0.9760	0.9590	0.9460	1.0180	0.9780	0.9470	0.9350	0.9700	0.9370	0.9420	0.9800	1.0290	0.9930	1.0800	1.0300	1.0060	1.0490	1.0670	0.9870	0.9250	0.9430	1.0350	0.9260		1.0001	MONIHLY		
VOLUME C	INST MIN																																		L	
PRECIP	IN/DAY	0.2	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.7	0	0	0	0	0	0	-	0	0		2.50	PRECIP		
DATE		6/1/2018	6/2/2018	6/3/2018	6/4/2018	6/5/2018	6/6/2018	6/7/2018	6/8/2018	6/9/2018	6/10/2018	6/11/2018	6/12/2018	6/13/2018	6/14/2018	6/15/2018	6/16/2018	6/17/2018	6/18/2018	6/19/2018	6/20/2018	6/21/2018	6/22/2018	6/23/2018	6/24/2018	6/25/2018	6/26/2018	6/27/2018	6/28/2018	6/29/2018	6/30/2018				al .	
DAY		FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	IUES	WED	THURS	FRI	SAT					

MOUNT	YARDS
CREENINGS REA	SCREENINGS REMOVAL FROM PLANT
MOUNT	270.0 CUBIC FEET

>40	DA TE	PRECIP	_	VOLUME OF SEWAGE TREATED	TREATED	D:0.	TEMPERATURE(F)	TURE(F)	pH (S.U.)	U.)	SET SOL	SET SOLIDS (ML/L)	CBOD	CBOD ₅ (MG/L)	TSS	TSS (MG/L)	TOTAL	TOTAL NITROGEN
-	DAIE	IN/DAY	INST MIN	DAILY AVG	INST MAX	EFFL	INFL E	EFFL IN	INFL E	EFFL IN	NFL MAX	EFFL MAX	INFL	EFFL	INFL	EFFL	INFLUENT(mg/l)	[EFFLUENT(mg/l)
	7/1/2018	0		0.955		6	0.99	63.0	7.2	7.4		0.1						
	7/2/2018	0		0.9140		6	0.89	65.0	7.2	7.2		0.1						
	7/3/2018	0		0.9840		5.3	0.99	64.0	7.2	7.4		0.1						
	7/4/2018	0		0.9690		8	0.79	64.0	7.2	7.4		0.1						
THURS	7/5/2018	0		0.8710		7.7	0.89	65.0	7.1	7.3		0.1	170	0 4.7	7 164		4 35.2	4.10
	7/6/2018	0		0.9870		7.9	0.89	0.59	7.2	7.3		0.1						
r	7/7/2018	0		0.8900		7.7	0.89	65.0	7.1	7.3		0.1						
	7/8/2018	0		0.9630		6	0.99	63.0	7.2	7.4		0.1						
-	7/9/2018	0		0.9170		9.2	64.0	62.0	7.2	7.3		0.1						
	7/10/2018	0		0.9800		8.9	64.0	62.0	7.3	7.7		0.1						
_	7/11/2018	0		0.9590		8.9	0.99	64.0	7.3	7.5		0.1						
THURS	7/12/2018	0		0.9920		6	0.99	64.0	7.0	7.5		0.1	130		2 140		4 38.8	8.80
r	7/13/2018	0		1.0360		6	65.0	63.0	7.1	7.3		0.1						
_	7/14/2018	0		0.9200		8.7	65.0	63.0	7.2	7.4		0.1						
	7/15/2018	0		0.7370		8.7	029	63.0	7.2	7.4		0.1						
	7/16/2018	0.5		1.3150		8.8	0.99	64.0	7.3	7.4		0.1						
	7/17/2018	+		0.9650		8.6	0.59	63.0	7.2	7.3		0.1						
	7/18/2018	0		0.9490		8.8	029	63.0	7.2	7.4		0.1						
THURS	7/19/2018	0		0.9060		8.9	64.0	62.0	7.3	7.5		0.1	134	4 2.4	4 130		4 30.6	6.30
	7/20/2018	0		0696'0		8.9	64.0	62.0	7.3	7.4		0.1						
	7/21/2018	0.1		0.8830		9.8	64.0	63.0	7.2	7.4		0.1						
	7/22/2018	0.7		1.0170		8.9	64.0	62.0	7.3	7.4		0.1						
	7/23/2018	0.1		0.9250		8.7	62.0	0.09	7.2	6.2		0.1						
	7/24/2018	0		0.9800		8.5	63.0	61.0	7.2	7.5		0.1						
	7/25/2018	0.8		0.9420		8.7	62.0	61.0	7.2	7.4		0.1						
THURS	7/26/2018	0.5		1.0220		9.4	0.99	64.0	7.3	7.4	-	0.1	121		2 138		4 32.3	3 4.40
	7/27/2018	0.1		1.0160		9.1	0.99	64.0	7.3	7.5		0.1						
	7/28/2018	0		0.9120		8.7	62.0	61.0	7.2	7.4		0.1						
-	7/29/2018	0		0.9570		8.7	62.0	0.09	7.2	6.2		0.1						
	7/30/2018	0		1.0400		7.9	62.0	0.09	7.3	7.3		0.1						
	7/31/2018	0		0.9910		8.2	0.79	64.0	7.3	7.5		0.1						
۲																		
		3.80		0.9633			65.0	67.9	_	7.7	0	0.1						
1		TOTAL		MONTHLY		MONTHLY	INFL	-	되	되	MON MAX	MON MAX					TOTAL NITROGEN FWA	EN FWA
		PRECIP		AVG	_	AVG	MONTHLY AVG	1	_				_				INFLUENT	
									Hd NIM	MIN PH							272.2	47.7

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
3 279.0 CUBIC FEET

MAX TEMPERATURE (F) = | 65.0

> ٧	A TE	PRECIP	VOLUME OF SEWAGE TREATED	SEWAGE TF	REATED	D.O.	TEMPERATURE(F)	rure(F)	pH (S.U.)	U.)	SET SOL	SET SOLIDS (ML/L)	CBOD	CBOD ₅ (MG/L)	TS	TSS (MG/L)	TOTAL	TOTAL NITROGEN
	-	IN/DAY I	INST MIN DA	DAILY AVG IIN	INST MAX	EFFL	INFL E	EFFL	INFL E	EFFL	NFL MAX	EFFL MAX	INFL	EFFL	INFL	EFFL	INFLUENT(mg/l)	INFLUENT(mg/l) EFFLUENT(mg/l)
_	8/1/2018	0		1.014		8.8	0.99	64.0	7.3	7.5		0.1						
Ľ	8/2/2018	0		1.0410		6	0.99	029	7.2	7.4		1.0	116	9	2 1	158	4 30.8	3 4.20
F	8/3/2018	0		1.0310		9.6	0.89	0.99	7.3	7.5		0.1						
<u> </u>	8/4/2018	0.3		0.9690		6	0.99	65.0	7.2	7.4		0.1						
<u> </u>	8/5/2018	0		1.0660		8.6	68.0	0.99	7.3	7.5		0.1						
<u> </u>	8/6/2018	0		0.9970		6.4	0.78	65.0	7.3	7.5		0.1						
Ĺ	8/7/2018	0.4		0.9390		8.4	68.0	0.79	7.3	7.5		0.1						
Ľ	8/8/2018	0.2		0.9240		8.4	0.89	0.79	7.3	7.5		0.1						
-	8/9/2018	0.25		1.0100		9.1	68.0	0.79	7.3	7.5		0.1	136	9	2 1	154 4.4	4 31.3	3 5.80
180	8/10/2018	0		0.9230		9.4	0.79	0.99	7.3	7.5		0.1						
8	8/11/2018	1.8		0.9070		9.1	67.0	0.99	7.3	7.5		0.1						
80	8/12/2018	0	•	1.0840		9.1	68.0	67.0	7.3	7.4		0.1						
80	8/13/2018	0.7		1.0220		8.8	64.0	62.0	7.2	7.5		0.1						
80	8/14/2018	0.3		1.1600		8.6	0.99	64.0	7.3	7.4		0.1						
	8/15/2018	0		1.0960		8.9	0.99	64.0	7.2	7.3		0.1						
	8/16/2018	0		1.0790		9.4	0.79	0.59	7.3	7.4		0.1	125	2	2	86	4 29.7	5.40
80	8/17/2018	0.1		1.0600		8.8	029	63.0	7.4	7.5		0.1						
80	8/18/2018	8.0	1	1.1260		8.9	0.99	64.0	7.2	7.3		0.1						THE STATE OF THE S
80	8/19/2018	0.1		1.0870		8.9	029	64.0	7.2	7.3		0.1						
80	8/20/2018	0		1.1040		9.8	0.99	64.0	7.3	7.3		0.1						
8	8/21/2018	0		1.0400		9.1	0.79	0.59	7.3	7.4		0.1						
8	8/22/2018	0		0.9980		8.8	0.79	65.0	7.2	7.5		0.1						
8	8/23/2018	0		1.0170		8.8	68.0	0.99	7.3	7.5		0.1	139	6	2 1	148	4 25.8	9 2.50
80	8/24/2018	0		0.9540		8.1	0.79	65.0	7.2	7.4		0.1						
8	8/25/2018	0		0.8650		9.8	0.79	0.59	7.2	7.5		0.1						
8	8/26/2018	0		0.9490		8.4	68.0	65.0	7.3	7.5		0.1						
80	8/27/2018	0		0.9920		6	0.99	64.0	7.4	7.5		0.1						
[∞]	8/28/2018	0		1.0390		9.4	0.69	0.99	7.4	7.4		1.0						
8	8/29/2018	0		0.9980		6	71.0	0.79	7.3	7.5		0.1						
l [∞]	8/30/2018	0		1.0090		8.8	72.0	68.0	7.3	7.4		1.0	189	6	2 2	230	4 37.6	3 4.60
8	8/31/2018	0		0.9820		9.8	71.0	0.89	7.3	7.4		0.1						
H																		
+		4.95		1.0155		8.8	67.3	65.4	_	7.4	0	0.1						
\dashv		TOTAL	2	MONTHLY	_	MONTHLY	NF.	EFFL	MAX pH N	MAX pH	MON MAX	MON MAX					TOTAL NITROGEN FWA	N FWA
	٦	PRECIP	لـ	AVG	٦	AVG	MONTHLY AVG	Y AVG	_	7.3							INFLUENT	EFFLO
									MIN pH	MIN PH							267.1	44.0

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT

279.0 CUBIC FEET

MAX TEMPERATURE (F) = 68.0

TOTAL NITROGEN	(mg/l) EFFLUENT(mg/l)						29.7							23.6							30.4									28.4 4.10		
Ţ	INFLUENT(mg/l)						4							4							6.4							4		+	r r	
TSS (MG/L)	INFL EFFL						118							86							120 6							86				
CBOD ₅ (MG/L)	EFFL IN						115							.4							2 2							9				
CBOL	INFL						,							86.4							121							94.6				
SET SOLIDS (ML/L)	EFFL MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	40		0.0	000
SET SOL	INFL MAX																															
pH (S.U.)	EFFL		3 7.5												1.6			7.8					7.5				7.7					
	INFL	7.3	Vac			7.3			7.3		7.3				7.4				7.7								7.3					7.4
TEMPERATURE(F)	EFFL		0.89						0.89			63.0		0.49					65.0			63.0			64.0		63.0					
TEMPER	INFL	70.0	70.0	71.0	71.0	72.0	72.0	71.0	70.0	71.0	68.0	68.0	0.99	0.99	0.99	0.99	0.99	67.0	67.0	67.0	0.99	0.99	0.99	68.0	68.0	65.0	65.0	0.99	65.0	65.0	0.00	65.0
D.O.	EFFL	8.6	8.6	8.4	8.2	8.4	9.4	6	8.7	8.2	8.6	9.1	6	7.7	8.4	6	8.4	6	8.7	7.9	8.2	8.4	9.2	8.9	8.8	9.3	9.1	9.2	8.8	8.6		9.4
TREATED	INST MAX																															
VOLUME OF SEWAGE TREATED	DAILY AVG	0.991	1.0050	0.9830	0.9350	0.9240	0.9180	1.0020	0.9120	0.9640	0.9790	1.2030	1.0950	1.1630	1.1350	1.0160	1.0780	1.0620	0.9980	1.0200	0.9900	1.0110	0.9740	0.9590	0.9620	1.0700	1.1060	1.0940	1.0660	1.0900		1.1870
VOLUME	INST MIN																															
_	A	0	0	0	0	0	1.1	0	0	0.2	1.3	0	0.4	0	0	0	0	0	0.8	0	0	0	0	0	0.7	0.5	0	0	1.3	0		0
DATE		9/1/2018	9/2/2018	9/3/2018	9/4/2018	9/5/2018	9/6/2018	9/7/2018	9/8/2018	9/9/2018	9/10/2018	9/11/2018	9/12/2018	9/13/2018	9/14/2018	9/15/2018	9/16/2018	9/17/2018	9/18/2018	9/19/2018	9/20/2018	9/21/2018	9/22/2018	9/23/2018	9/24/2018	9/25/2018	9/26/2018	9/27/2018	9/28/2018	9/29/2018	0100/00/0	9/30/2016
DAY		SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MOM	TUES	WED	THURS	FR	SAT	SUN	MON	TUES		\dashv	FR	SAT	SUN	_		_	\dashv	FRI	SAT	14110	SUN

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
270.0 CUBIC FEET

24.0 26.4 TSS (MG/L) 102 114 124 CBOD₅(MG/L) OYSTER BAY STP FACILITY OPERATION REPORT PAGE 1 CALCULATIONS NY0021822 126 SET SOLIDS (ML/L) INFL MAX pH (S.U.) 64.0 TEMPERATURE(F) EFFL DAILY AVG INST MAX VOLUME OF SEWAGE TREATED 1.119 1.0370 1.0000 0.9710 1.0350 0.9750 0.9650 1.0070 1.0160 0.9670 0.9320 0.9320 0.9340 0.9400 0.9840 0.9800 0.9500 0.9570 0.8900 1.0490 1.0540 1.0690 0.9640 1.0890 INST MIN 10/1/2018 10/2/2018 10/3/2018 10/6/2018 10/6/2018 10/6/2018 10/10/2018 10/10/2018 10/10/2018 10/10/2018 10/10/2018 10/10/2018 10/10/2018 10/10/2018 10/10/2018 10/10/2018 10/18/2018 10/19/2018 10/20/2018 10/23/2018 10/23/2018 10/23/2018 10/26/2018 10/26/2018 10/26/2018 10/26/2018 10/28/2018 10/28/2018 DATE

DAY

MON TUES WED THURS

AMOUNT SCREENINGS REMOVAL FROM PLANT AMOUNT MAX TEMPERATURE (F) 165.0	GRIT REMOVAL FROM PLANT	LANT
AL FR	AMOUNT	YARDS
	SCREENINGS REMOVAL	FROM PLANT
11 11 11	AMOUNT	279.0 CUBIC FEE
		1917
	MAX TEMPERATURE (F)	.≡ [65.0

TOTAL NITROGEN FWA
NFLUENT | EFFLUENT

MON MAX

MON MAX

7.3 MIN pH

7.1 MIN pH

7.5 8.0 MAX.pH MAX.pH

60.7 58.4 INFL EFFL MONTHLY AVG

8.9 MONTHLY AVG

0.9989 MONTHLY AVG

4.50 TOTAL PRECIP

1.0890 0.9740 1.0400

242.7 lbs/day

28.6

IEMPERALURE(P) PH	1	91	CBOD ₅ (TSS (ZI	N
56.0	EFFL 7.6	INFL MAX EFFL MAX	INFL EFFL	H.	INFLUENT(mg/l)	EFFLUENT(mg/l)
56.0		0.1	<u>+</u>			4.40
56.0		0.1				
		0.1				
		0.1				
		0.1				
		0.1				I
		0.1				000
		0.1				3.00
		0.1				
		0.1				
		0				T
		0.1				
		0.1				
		0.1				2 60
		0.1				2.00
		0.1				
		0.1				
		0.1				I
50.0		0.1				
		0.1	318			3 50
49.0		0.1		L		200
		0.1				
		0.1				
		0.1				I
	7.4	0.1				
	7.5	0.1				
	7.5	0.1				
	7.5	0.1		128		4 20
47.0 7.3	7.4	0.1				1.50
+	7.8					
Ň	MAX pH	╀			TOTAL NITROGEN FWA	
MONTHLY AVG 7.1	7.3	_			INFLUENT FFFI U	TN
MIN pH	MIN pH				215.9	30.3
588.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MAXX p MIN p	6.0 7.5 F.7.4 F.7.4 F.7.5 F.7.	17	17	National Properties National Properties	MAXAPH M

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
T 270.0 CUBIC F

MAX TEMPERATURE (F) == |56.0

3EN	EFFLUENT(mg/l)						3.70							3.20							3.80							2.80							
TOTAL NITROGEN	INFLUENT(mg/l) EFFL						25.5							22.6							27.0							24.3						TOTAL NITROGEN FWA	
	Ι,						2.8							2							3.6							2				\prod		TOTA	
TSS (MG/L	INFL EFFI						136							94							94							100							
CBOD ₅ (MG/L)	EFFL III						88.4							92.4							85.4							108 2							
_	EFFL MAX INFL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	20110	MON MAX
SET SOLIDS (ML/L)	NFL MAX E																																0	╀	MON
pH (S.U.)	EFFL III		7.5			7.5		7.5			7.5				7.5						5220	7.3	7.4	7.4	7.5	7.4			7.3	7.4	7.4	7.4	7.5	Ī	Т
) Hd	INFL	7.3	7.2	7.3	7.3	7.4	7.5	7.3	7.3	7.5	7.4	7.4	7.3	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.3	7.4	7.4	7.3	7.3	7.2	7.3	7.4	7.4	7.5	MAX pH	
ATURE(F)	EFFL	49.0	48.0	46.0	45.0	44.0	44.0	46.0	45.0	44.0	43.0	44.0	43.0	43.0	44.0	45.0	44.0	44.0	43.0	44.0	44.0	45.0	45.0	43.0	43.0	44.0	44.0	43.0	45.0	45.0	44.0	45.0	44.3	EFFL	
TEMPERATURE(F)	INFL	47.0	47.0	48.0	47.0	46.0	46.0	48.0	47.0	46.0	45.0	46.0	45.0	45.0	46.0	46.0	46.0	46.0	45.0	46.0	45.0	46.0	46.0	45.0	45.0	46.0	46.0	45.0	46.0	47.0	46.0	47.0	46.0	INF	-
D.O.	EFFL	6	6	8.9	8.4	6	10.8	6.6	8.4	10.8	10.7	9.4	9.8	9.2	8.8	9.6	8.8	6	9.8	3.4	7.7	6.9	6.1	6.4	6.5	8.4	9.8	8.7	6	7.4	8.4	11.1	8.6	MONTHLY	
TREATED	INST MAX																																		_
ШΙ	DAIL	1.091	1.1350	1.2240	1.0770	1.0610	1.1130	0.9730	0.9980	1.0790	0.9370	0.9500	0.9970	1.0220	0.9540	1.0060	1.1060	1.0580	1.0810	1.0330	1.0310	1.0610	1.3020	1.2790	1.1970	1.1160	1.0630	1.0600	1.0450	1.1680	1.1660	1.0720	1.0792	MONTHLY	07.14
\perp	INST MIN																																		_
PRECIP	IN/DAY	1.0	1.2	0	0	0	0	0	0	0	0	0	0	0	0.1	0	1.6	0	0	0		2	0	0	0.1				1.1	0	0	1.1	7.50	TOTAL	CICLOR
DATE		12/1/2018	12/2/2018	12/3/2018	12/4/2018	12/5/2018	12/6/2018	12/7/2018	12/8/2018	12/9/2018	12/10/2018	12/11/2018	12/12/2018	12/13/2018	12/14/2018	12/15/2018	12/16/2018	12/17/2018	12/18/2018	12/19/2018	12/20/2018	12/21/2018	12/22/2018	12/23/2018	12/24/2018	12/25/2018	12/26/2018	12/27/2018	12/28/2018	12/29/2018	12/30/2018	12/31/2018			
DAY		SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	E.	SAT	SUN	MOM	TUES	WED	THURS	FR	SAT	SUN	MON			

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT

Z79.0 CUBIC FEET

	T(mg/l)			2.90							3.10							3.10							2.90							3.50				
TROGEN	EFFLUENT(mg/l)																																		FWA	EFFLUENT
- 1	INFLUENT(mg/l)			26.5							20.2							32.6							36.8							28.9			TROGEN	NFLUENT
MG/L)	EFFL			4							3.6							2							2.8							4.4				
ISS (MG/L	INFL			110							112							108							106							110				
MG/L)	EFFL			2							4.7							2							2							2				
CBOD ₅ (MG/L,	INFL			101							126							128							104							119				
JS (ML/L)	EFFL MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	MON MAX	
SET SULIDS (ML/L,	NFL MAX																																	0	MON MAX	
S.U.)	EFFL	7.4	7.5	7.4	7.4	7.4	7.4	7.4	7.4	7.5	7.5	7.4	7.5	7.5	7.4	7.5	7.3	7.4	7.4	7.5	7.4	7.4	7.4	7.4	7.4	7.4	7.5	7.4	7.3	7.5	7.4	7.5		7.5	MAX pH	7.3
DH (S.U.	INFL	7.2	7.3	7.3	7.2	7.2	7.2	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.3	7.2	7.3	7.2	7.3	7.3	7.2	7.3	7.2	7.3	7.3	7.3	7.3	7.2	7.3		7.4	MAX pH	7.2
	EFFL	45.0	47.0	46.0	46.0	46.0	46.0	45.0	47.0	47.0	47.0	46.0	46.0	45.0	45.0	45.0	46.0	45.0	47.0	45.0	46.0	46.0	47.0	46.0	48.0	20.0	49.0	48.0	46.0	48.0	47.0	46.0		46.5	EFFL	Y AVG
MFER	INFL	47.0	50.0	48.0	48.0	48.0	48.0	47.0	19.0	49.0	49.0	48.0	48.0	47.0	47.0	47.0	48.0	48.0	50.0	47.0	48.0	48.0	49.0	49.0	20.0	52.0	51.0	20.0	48.0	20.0	49.0	48.0		47.6	INFL	MONTHLY
D.O.	EFFL	8.9	9.1	6.6	7.8	8	7.8	11.3	11	6.6	6.6	9.1	9.4	9.6	11.6	10.2	9.6	9.4	6.6	10.2	6.6	6.6	6.6	9.5	9.4	9.1	8.9	9.4	11.6	6.6	6.6	8.9		9.7	MONTHLY	AVG
KEALED	INST MAX																																			_
ш	DAILY AVG	1.118	1.3310	1.1730	1.1530	1.0320	1.2380	1.1050	1.1080	1.0690	1.0640	1.0030	0.9900	1.0320	1.0580	0.9980	1.0350	0.9910	1.0020	0.9570	1.0590	1.1340	1.0950	1.0410	1.0300	1.2120	1.1570	1.1420	1.1270	1.1080	1.0890	1.0600		1.0875	MONTHLY	AVG
VOLUME	INST MIN																																	-		_
	IN/DAY II	0.4	0	0	0	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.2	1.7	0	0	0	3.2	0	0	0	0	0.3	0	0	-	09.9	TOTAL	PRECIP
DATE		1/1/2019	1/2/2019	1/3/2019	1/4/2019	1/5/2019	1/6/2019	1/7/2019	1/8/2019	1/9/2019	1/10/2019	1/11/2019	1/12/2019	1/13/2019	1/14/2019	1/15/2019	1/16/2019	1/17/2019	1/18/2019	1/19/2019	1/20/2019	1/21/2019	1/22/2019	1/23/2019	1/24/2019	1/25/2019	1/26/2019	1/27/2019	1/28/2019	1/29/2019	1/30/2019	1/31/2019				_
DAY		LUES	WED	THURS	FRI	SAT	SUN	MON	LUES	WED	THURS	FRI	SAT	SUN	NOW	TUES	WED	THURS	FRI	SAT	SUN	NON	TUES	WED	THURS	FRI	SAT	SUN	NON	TUES	WED	THURS				

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
Z79.0 CUBIC FEET

																						FWA	EFFLUEN	41
,				24.6							37.2							32.0				OTAL NITROGEN		269.0
				2.8				T			3.2		T		T		T	2.4						_
				100		-		T			104		T					98						
				2							2		l					2						_
				119							121				ŀ			128						
-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1	YAN MON	NOW NOW	
																					0	MONIMAX	NOM NICH	
	7.4	7.3	7.3	7.4	7.4	7.4	7.3	7.3	7.4	7.4	7.4	7.4	7.3		7.3	7.4	7.5	7.4			7.5	MAX pH	7.1	MIN pH
	7.3	7.3	7.2	7.3	7.2	7.3	7.2	7.3	7.2	7.3	7.2	7.3	7.2		7.2	7.3	7.3	7.2			-	_	7.1	_
	48.0	48.0	52.0	52.0	52.0	53.0	52.0	48.0	20.0	49.0	50.0	50.0	50.0		50.0	49.0	49.0	49.0			\vdash		_	
	52.0	52.0	54.0	54.0	92.0	55.0	54.0	52.0	53.0	52.0	53.0	53.0	53.0		52.0	52.0	52.0	52.0			51.4 48.8	INFL	MONTH	
	8.4	8.7	8.5	8.9	8.6	7.9	8.5	8.7	8.6	8.4	8.7	6	8.9		11.5	6.6	9.6	8.9			8.7	MONTHLY	AVG	
		_				- 0				0												<u></u>	7	
0100.1	1.0340	0.9750	1.0550	1.0080	1.0550	1.0020	1.0090	1.0050	1.0130	1.0280	1.0070	1.0340	0.9900	1.0520	1.1850	1.0850	1.0430	1.0550			1.0323	MONTHLY	AVG	
,	0	1	0.1	0	0	0	0	0.1	0	0.4	0.3	0	0	6.0	0	0	0	0			3.70	DTAL	ECIP	
10000	2/11/2019	2/12/2019		2/14/2019	2/15/2019	2/16/2019	2/17/2019	2/18/2019	2/19/2019			2/22/2019	2/23/2019	2/24/2019	2/25/2019	2/26/2019	2/27/2019	2/28/2019				ř:	4	
				JRS		SAT		MON	1)		JRS			SUN				THURS						

269.0 lbs/day

TOTAL NITROGEN

TSS (MG/L)

CBOD₅ (MG/L) EFFL

R

SET SOLIDS (ML/L)
INFL MAX | EFFL MAX

pH (S.U.)

TEMPERATURE(F)

VOLUME OF SEWAGE TREATED INST MIN DAILY AVG INST MAX

DATE

DAY

OYSTER BAY STP FACILITY OPERATION REPORT PAGE 1 CALCULATIONS NY0021822

INFLUENT(mg/l)

28.4

116

112

45.0 45.0 45.0 46.0 49.0 45.0

46.0 46.0 47.0 47.0 54.0 46.0

1,033 0,9880 1,0000 1,0000 1,0060 1,0060 1,0010 1,0010 1,0020 1,0

271/2019
2/2/2019
2/2/2019
2/2/2019
2/6/2019
2/6/2019
2/6/2019
2/6/2019
2/10/2019
2/10/2019
2/15/2019
2/15/2019
2/15/2019
2/15/2019
2/15/2019
2/15/2019
2/15/2019
2/15/2019
2/15/2019
2/15/2019
2/15/2019
2/15/2019
2/15/2019
2/15/2019
2/15/2019
2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019
2/2/15/2019

SAT SUN MON TUES WED THURS SAT SUN MON THURS FRI SUN SUN THURS THURS THURS THURS

AMOUNT	YARDS
SCREENINGS REMOVAL FROM PLANT	L FROM PLANT
AMOUNT	252.0 CUBIC FEET

	(I/gm)			Γ				4.40			Γ				3.90							4.80							4.10							
TOTAL NITROGEN	EFFLUENT(mg/l)																																	4 FWA	EFFLUENT	38.4
TOTALN	INFLUENT(mg/l)							2 28.1							26.9							29.4							31.0					TOTAL NITROGEN FWA	INFLUENT	256.2
TSS (MG/L)	EFFL							102							104 2.8							86 2							112 2.4							
ř	INFL							2							2							2							2							
CBOD ₅ (MG/L)	EFFL							142							112							102							146							
8	INFL																																		. 1	_
SET SOLIDS (ML/L)	EFFL MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	MON MAX		
SET SOL	INFL MAX																																0	MON MAX		
pH (S.U.)	EFFL	7.4	7.3	7.1	7.4			7.2	7.1	7.4	7.3	7.3	7.3	7.2	7.3	7.3	7.3	7.2	7.2	7.2	7.3	7.4	7.3	7.2	7.4	7.4	7.4	7.4	7.3	7.4	7.3	7.4	7.5	MAX pH	7.1	N N
20.5	INFL	7.3	7.2	7.0	7.3	7.3	7.4	7.0	7.0	7.3	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.2	7.3	7.3	7.2	7.2	7.2	7.3	7.2	7.3	7.2	7.3	7.2	7.3	7.2	7.3	7.4	MAX pH	7.0	N N
TURE(F)	EFFL	48.0	49.0	49.0	46.0	47.0	46.0	46.0	47.0	46.0	49.0	50.0	50.0	20.0	50.0	52.0	53.0	53.0	50.0	49.0	52.0	52.0	52.0	49.0	52.0	51.0	51.0	52.0	51.0	52.0	53.0	51.0	50.0	EFFL	-Y AVG	
NPER		51.0	52.0	52.0	48.0	49.0	48.0	48.0	49.0	48.0	52.0	52.0	52.0	52.0	53.0	55.0	55.0	52.0	52.0	51.0	54.0	54.0	54.0	51.0	54.0	53.0	53.0	54.0	53.0	54.0	55.0	53.0	52.1	J-J-J	MON THLY AVG	
D.O.	EFFL	6	8.5	8	9.1	9.4	8.6	10.9	11.8	9.1	8.5	8.8	9.8	9.5	9	6	8	9.5	9.8	9	8.2	7.7	6.9	9	7.7	9.9	6.9	7.3	6.8	7	9.9	6.9	8.2	MONTHLY	AVG	
TREATED	INST MAX																																			
VOLUME OF SEWAGE TREATED	DAILY AVG	1.014	0.9920	1.1110	1.0870	1.1130	1.0700	1.0880	1.0470	0.9860	1.0800	1.0610	1,1660	1.0620	1.0370	1.1020	1.0660	1.0500	1.0290	1.0360	0.9840	1.1100	1.0730	1.0990	1.0790	1.0810	1.0490	1.0600	1.0230	1.0300	1.0220	1.0760	1.0607	MONTHLY	AVG	
VOLUME	INST MIN																																		_	
	٦	0.2	0.7	0.5	6.0	0	0	0	0	0	9.0	0	0	0	0	0.1	0	0	0	0	0	0.3	1	0	0	0	0	0	0	0	0	0.2	4.50	TOTAL	PRECIF	
DATE		3/1/2019	3/2/2019	3/3/2019	3/4/2019	3/5/2019	3/6/2019	3/7/2019	3/8/2019	3/9/2019	3/10/2019	3/11/2019	3/12/2019	3/13/2019	3/14/2019	3/15/2019	3/16/2019	3/17/2019	3/18/2019	3/19/2019	3/20/2019	3/21/2019	3/22/2019	3/23/2019	3/24/2019	3/25/2019	3/26/2019	3/27/2019	3/28/2019	3/29/2019	3/30/2019	3/31/2019				
DAY		FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	NNS	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN				

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
279.0 CUBIC FEET

MAX TEMPERATURE (F) | 53.0

-	VT(mg/l)				4.60							4.60							2.60							1.70								L	30.3	
TOTAL NITROGEN	EFFLUEN				3							0							6							0								EN FWA		
TOTAL	INFLUENT(mg/l) EFFLUENT(mg/l)				5 24.3							5 30.0							5 29.9							3 24.0								TOTAL NITROGEN FWA	2453	200
TSS (MG/L)	EFFL				168 5.5							104							118 4.5							152 3.6										
Ť	INFL		L		2.6														2.5	L												-				NAME AND ADDRESS OF TAXABLE PARTY.
CBOD ₅ (MG/L)	EFFL				201 2.							146 15.5							100							104 2.4							-			The Party of the P
CBOL	INFL				20							1/							10							10										1
OS (ML/L)	EFFL MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	MON MAX		
SET SOLIDS (ML/L)	INFL MAX																																0	MON MAX		
(S.U.)	EFFL II	7.0	7.3	7.2	7.3	9.9	6.9	7.0	7.0	7.0	6.7	7.0	6.7	6.8	6.7	6.9	6.7	8.9	7.0	7.0	7.0	6.7	6.9	6.9	6.9	7.0	7.0	7.0	7.0	6.8	6.9		7.3	MAX pH	MIN DH	1
bH (S	INFL I	7.2	7.2	7.2	7.2	6.9	7.0	7.2	6.9	7.0	7.1	7.0	7.1	7.0	7.1	6.9	7.1	7.1	7.3	7.2	7.3	7.1	7.0	7.1	7.1	7.0	7.1	7.1	7.1	7.1	7.0		7.3	MAX pH	MIN DH	
TURE(F)	EFFL	53.0	54.0	54.0	54.0	53.0	53.0	53.0	52.0	54.0	54.0	54.0	54.0	929	54.0	53.0	53.0	54.0	26.0	56.0	56.0	53.0	55.0	56.0	57.0	58.0	57.0	26.0	26.0	53.0	53.0		54.5	YAVG		7
TEMPERATURE(F)	INFL	92.0	999	56.0	57.0	26.0	26.0	55.0	54.0	56.0	57.0	56.0	56.0	0.73	56.0	55.0	55.0	26.0	29.0	29.0	59.0	55.0	58.0	29.0	29.0	0.09	58.0	0.73	0.73	55.0	92.0	1	26.7	MONTHLY AVG		
D.O.	EFFL	11.2	10.2	9.6	6.6	8.9	9.1	11.2	10.7	6.6	6.6	9.6	8.2	6	8.2	7.4	10.9	9.7	10.6	6.6	10.6	10.9	9.8	6.6	6.6	8.4	8.9	9.1	8.1	8.5	8.6		6.5	MONTHLY		
REATED	INST MAX																																		•	
ш	co	1.049	1.0380	0.9860	1.0040	1.0220	0.9580	0.9840	1.1020	1.0580	0.9960	1.1110	0.9960	1.0550	1.1490	1.1490	1.0990	1.0540	1.0850	1.0430	1.0110	1.1660	1.1400	1.1880	1.1050	1.1270	1.1270	1.1680	1.3020	1.1440	1.1840	10000	1.0867	AVG		
VOLUME C	INST MIN																																		1	
_	IN/DAY II	0	0	0.1	0	0.1	0	0	0	0.1	0	0	0.2	0.7	0	9.0	0	0	0	0	-	0.1	0	0.7	0	0	1	0.1	0	0	0.2	00,	4.90	PRECIP		
DATE		4/1/2019	4/2/2019	4/3/2019	4/4/2019	4/5/2019	4/6/2019	4/7/2019	4/8/2019	4/9/2019	4/10/2019	4/11/2019	4/12/2019	4/13/2019	4/14/2019	4/15/2019	4/16/2019	4/17/2019	4/18/2019	4/19/2019	4/20/2019	4/21/2019	4/22/2019	4/23/2019	4/24/2019	4/25/2019	4/26/2019	4/27/2019	4/28/2019	10/29/2018	10/30/2018				J	
DAY		MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	NOS	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	1				

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
270.0 CUBIC FEET

z	NT(mg/l)		4.00							3.70							2.90							3.30							3.10				ENT
ROGE	FFLUE																																	FWA	EFFLUENT
TOTAL NITROGEN	INFLUENT(mg/l) EFFLUENT(mg/l)		20.2							22.0							26.6							30.1							23.0			TROGEN	INFLUENT E
TSS (MG/L)	EFFL		134 3.2							150 5							256 3.6							200 2							114 2				
_	INFL		4							2							3							2							.2	L			
CBOD _{5 (} MG/L)	EFFL		134							98.2							120 2.3							119							91.4				
CBC	INFL																																		
DS (ML/L)	EFFL MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	MON MAX	
SET SOLIDS (ML/L)	NFL MAX																																0	MON MAX	
J.)	EFFL II	7.0	7.2	7.3	7.0	7.2	8.9	7.2	7.1	7.0	7.1	7.0	7.0	7.0	7.1	7.1	7.3	7.2	7.3	7.3	7.0	7.2	7.3	7.2	7.2	7.3	7.2	7.2	7.3	7.2	7.3	7.2	7.3	MAX pH	8.9
pH (S.U.)		7.1	7.2	7.2	7.1	7.2	6.8	7.1	7.1	7.1	7.0	7.1	7.1	7.1	7.0	7.0	7.1	7.1	7.1	7.3	7.0	7.1	7.1	7.1	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.3	_	8.9
E(F)	INFL	52.0	52.0	52.0	52.0	52.0	52.0	52.0	56.0	56.0	57.0	56.0	56.0	46.0	53.0	55.0	56.0	56.0	26.0	71.0	75.0	57.0	57.0	62.0	63.0	64.0	62.0	64.0	63.0	63.0	63.0	63.0			
TEMPERATURE(F)	EFFL		54.0									57.0									75.0				0.99	0.79		0.99		0.59	029		60.0 58.1	F	MONTHLY AVG
TEN	INFL			_															_				_										_		Ĭ
D.O.	EFFL	8.6	8.6	8.3	8.6	8.6	8.2	8.5	8	6.6	10.2	6.6	6.6	10.4	6.6	6.6	9.6	9.4	9.6	9.5	9.8	6.6	9.1	8.9	8.2	9.8	8.9	6	9.6	9.1	8.4	9.6	9.5	MONTHLY	AVG
REATED	NST MAX																																		_
VOLUME OF SEWAGE TREATED	DAILY AVG INST MAX	1.057	1.0860	1.0950	1.0720	1.1680	1.1490	1.2120 -	1.1320	1.1320	1.1120	1.2100	1.2450	1.0740	1.2640	1.2480	1.2050	1.1320	1.1470	1.1510	1.1500	1.1470	1.1220	1.0630	1.1050	1.0350	1.0640	1.0850	1.0740	1.0550	1.0970	1.1820	1.1313	MONTHLY	AVG
VOLUME O	INST MIN D																																	<u> </u>	
000	IN/DAY III	0	0	0	0.1	0.1	1.2	0.1	0	0	0	0	1.5	0.7	0.1	0	0	0	0	0	0.1	0	0	0.1	0	0	0	0	0	0.5	1.1	0	2.60	TOTAL	PRECIP
DATE		5/1/2019	5/2/2019	5/3/2019	5/4/2019	5/5/2019	5/6/2019	5/7/2019	5/8/2019	5/9/2019	5/10/2019	5/11/2019	5/12/2019	5/13/2019	5/14/2019	5/15/2019	5/16/2019	5/17/2019	5/18/2019	5/19/2019	5/20/2019	5/21/2019	5/22/2019	5/23/2019	5/24/2019	5/25/2019	5/26/2019	5/27/2019	5/28/2019	5/29/2019	5/30/2019	5/31/2019			ات
DAY		WED	THURS	FRI	SAT	SUN	MON	TUES	WED	L	-	SAT	-	-	_	H	THURS	_	_	Н	_	Ш	_	S	FRI		Н	Ш	TUES	_	THURS	FRI			

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
Z79.0 CUBIC FEET

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
270.0 CUBIC FEE

	(I/gm			3.40								2.70							4.80							3.20									
IOTAL NITROGEN	EFFLUENT(mg/l)																																	FWA	EFFLUENT
IOIALN	INFLUENT(mg/l)	1		4 25.1								39.5							39.6							19.8								TOTAL NITROGEN FWA	INFLUENT
I SS (INICIL)	EFFL			136								124 3.2							110 6.8							92 5.2									
,	INFL				L							2			L				3							2									_
CDODS (MG/L)	EFFL			185 2.3								100							88							59.6									
200	INFL																																		
SEL SULIDS (ML/L)	EFFL MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	MON MAX	NO.
3E1 30E	INFL MAX																																0	MON MAX	West with the
0.)	EFFL	7.2	7.2	7.2	7.2	7.3	7.2	7.2	7.1	7.2	7.3	7.2	7.2	7.2	7.3	7.1	7.2	7.3	7.2	7.2	7.3	7.2	7.2	7.0	7.1	7.2	6.9	7.0		7.2	7.2	7.1	7.3	MAX pH	6.9
D.C) Hd	INFL E	7.2	7.1	7.1	7.1	7.1	7.1	7.2	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.9	6.9	7.0	6.9	6.9		7.1	7.1	7.0	H	Ŧ	6.9
_	EFFL IN	67.0	0.69	70.0	0.69	68.0	70.0	67.0	0.99	0.69	70.0	0.69	0.69	70.0	70.0	68.0	70.0	70.0	70.0	0.89	70.0	70.0	70.0	71.0	71.0	70.0	0.69	0.69		68.0	70.0	70.0	69.3	EFFL	AVG
IL LE	INFL E	0.69	70.0	71.0	70.0	70.0	71.0	0.69	68.0	71.0	71.0	70.0	70.0	71.0	71.0	70.0	71.0	71.0	72.0	70.0	71.0	71.0	72.0	73.0	73.0	72.0	0.07	71.0		70.0	71.0	71.0	70.8	INFL	MONTHLY
0.0	EFFL	9.3	9.6	6.6	9.6	6.6	6.6	9.3	9.1	9.6	9.1	6	9.4	8.9	9.1	7.1	9.6	6	8.8	8.1	6	8.9	8.1	6.6	9.7	9.6	9.1	9.4		8.8	9.2	9.3	9.2	MONTHLY	AVG
KEAIED	INST MAX																																		
VOLUME OF SEVEREL INCATED	DAILY AVG	1.12	0.9950	1.0680	0.9660	1.0590	1.0090	1.0240	1.0640	1.0370	0.9570	1.0030	1.0360	0.9940	1.0340	0.9310	0.9630	1.0400	1.1650	1.1700	1.0430	1.1020	1.0700	1.3450	1.6030	1.3290	1.2290	1.1820	1.1350	1.2250	1.1390	1.0920	1.1009	MONTHLY	AVG
VOLUME	INST MIN																											THE STATE OF							7
_	IN/DAY	0	0	0	0	0	0	0	0.1	0	0	9.0	0	0	0	0	0	2.9	9.0	0	0	0	3.5	1	0	0	0	0	0	0 .	0	0.2	8.70	TOTAL	PRECIP
DATE		7/1/2019	7/2/2019	7/3/2019	7/4/2019	7/5/2019	7/6/2019	7/7/2019	7/8/2019	7/9/2019	7/10/2019	7/11/2019	7/12/2019	7/13/2019	7/14/2019	7/15/2019	7/16/2019	7/17/2019	7/18/2019	7/19/2019	7/20/2019	7/21/2019	7/22/2019	7/23/2019	7/24/2019	7/25/2019	7/26/2019	1/27/2019	7/28/2019	7/28/2019	7/30/2019	7/31/2019		Ī	_
DAY		MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED			

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
779.0 CUBIC FEET

PRECIP	VOLUME	SEWAGE	TREATED	D.O.	PER		PH (S.U.)	히	S (ML/L)	CBOD ₅ (TSS (TOTAL	TOTAL NITROGEN
	INST MIN DA	(2)	INST MAX	EFFL	NFL E			EFFL	INFL MAX	EFFL MAX		EFFL	INFL	\rightarrow	FLUENT(mg/l)	INFLUENT(mg/l) EFFLUENT(mg/l)
		1.105		6	72.0	70.0	7.1	7.2		0.1	91.7	4	122	3.1	217	3.10
		1.0880		8.9	72.0	70.0	7.1	7.3		0.1						
		0.9940		6	72.0	70.0	7.1	7.2		0.1						
		1.0850		6	72.0	70.0	7.1	7.2		0.1						
		1.0800		8.8	70.0	68.0	7.1	7.1		0.1						
0		1.1220		8.9	71.0	0.69	7.1	7.2		0.1						
0.3		1.1070		8.6	70.07	68.0	7.1	7.3		0.1						
0		1.1070		8.4	70.07	68.0	7.1	7.2		0.1	94.1	2	144	3.2	25.7	3.10
0		1.1040		9.1	70.07	68.0	7.1	7.2		0.1						
0		1.0360		8.9	71.0	0.69	7.1	7.2		0.1						
0		1.0570		8.6	70.0	68.0	7.1	7.3		0.1						
0		1.0750		6	70.07	68.0	7.1	7.2		0.1						
0.1		1.0110		8.4	70.0	68.0	7.1	7.2		0.1						
0		1.0450		8.6	70.0	68.0	7.1	7.2		0.1						
0		1.0400		8.4	70.0	089	7.1	7.3		0.1	85.2	2.8	112	2.8	19.7	2.80
0		1.0150		8.1	70.0	68.0	7.1	7.2		0.1						
0		1.0230		8.4	70.0	68.0	7.1	7.2		0.1						
0.5		1.0290		8.6	70.0	0.69	7.1	7.3		0.1						
0.2		1.0270		8.9	70.0	68.0	6.9	7.1		0.1						
0		1.0400		6	0.07	0.89	7.0	7.1		0.1						
0.2		1.0600		9.4	70.0	0.69	7.1	7.2		0.1						
0.7		1.0310		9.7	71.0	70.0	7.0	7.2		0.1	164	2	236	2.4	30.1	2.70
0.2		1.1230		9.4	0.07	0.69	7.1	7.2		0.1						
0		1.1020		6	0.07	68.0	7.0	7.1		0.1						
0		1.0600		9.7	71.0	70.0	7.0	7.2		0.1						
0		1.0670		9.1	70.0	0.69	7.0	7.2		0.1						
0		1.0610		8.9	70.0	0.69	7.1	7.2		0.1						
1.9		1.0300		9.4	0.69	68.0	7.0	7.2		0.1						
0		1.2350		9.8	0.07	0.69	7.1	7.2		0.1	82.1	2.3	82	2	17.3	3.20
0	•	1.1680		9.4	0.07	0.69	7.1	7.2		0.1						
0		1.0730		9.1	70.0	0.69	7.0	7.1		0.1						
10		1.0710		9.0	70.3	H	7.1	7.3	0	0.1						
TOTAL	•	MONTHLY	=	MONTHLY		EFFL	MAX pH	MAX pH	MON MAX	MON MAX				TC	TOTAL NITROGEN FWA	N FWA
히		AVG	_	AVG	MONTHLY	AVG	6.9	7.1						Ž	NFLUENT	EFFLU
							_	MIN PH							199.8	26.5

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
279.0 CUBIC FEET

PRECIP VOLUME OF SEWAGE TREATED D INDAY INST MIN DAILY AVG INST MAX EI	VOLUME OF SEWAGE TREATED INST MIN DAILY AVG INST MAX	IE OF SEWAGE TREATED DAILY AVG INST MAX	D.O. EFFL		TEMPERATURE(F) INFL EFFL	RE(F)	pH (S.U.) EFFL	SET SOL INFL MAX	SET SOLIDS (ML/L) L MAX	CBOD _{5 (} MG/L)	MG/L) EFFL	TSS	TSS (MG/L) EFFL	TOTAL INFLUENT(mg/l)	TOTAL NITROGEN IT(mg/l) EFFLUENT(mg/l)
0 1.06 9 70.0	1.06 9 70.0	9 70.0	70.0		1	089		21	0.1						
0.2 1.1060 8.8	1.1060 8.8	8.8		70.0	- 1	68.0		2	0.1						
0 1.0970 9.1	1.0970 9.1	9.1		70.0		0.89		2	0.1						
0 1.1160 8.9	1.1160 8.9	8.9		70.0	- 1	68.0		2	0.1						
1.0840 9.6	1.0840 9.6	9.6		71.0	- 1	0.69		3	0.1	102	2.7	110	0	2 18.0	3.70
0.3 1.1010	1.1010 8.9	8.9		72.0		70.0	7.1 7.2	2	0.1						
0 1.0230 9.1	1.0230 9.1	9.1	,	70.0		0.89	7.1 7.2	0.1	0.1						
0 4.2370 8.9	1.2370 8.9	8.9		72.	0	70.0	7.1 7.2	2	0.1						
0 0.9660 9.1	0.9660	9.1		72	72.0	70.0	7.2 7.4	-	0.1						
0 1.0200 8.6	1.0200 8.6	8.6		7	71.0	70.0	7.1 7.2	ä	0.1						
0 1.0780 9.2	1.0780 9.2	9.2		7	71.0	70.0	7.1 7.3		0.1						
0 1.0220 9.9	1.0220 9.9	6.6		1	71.0	70.0	7.2 7.2	č	0.1	94	2.8	118	8	2 34.	.1 3.40
0 1.0190 9.1	1.0190 9.1	9.1		_	0.07	0.69	7.1 7.2	ī	0.1						
0.9980 0.9980	0.9980	8.9			70.0	0.69	7.2 7.2	0.1	0.1						
9/15/2019 0 1.0360 9.9	1.0360 9.9	6.6			70.0	0.69	7.1 7.2	0	0.1						
9/16/2019 0 1.0680 9.2	1.0680		9.2		0.69	0.79	7.3 7.3		0.1						
	1.0370 9.4	9.4			0.69	0.79	7.1 7.2	0	0.1						
0 1.0210	1.0210		8.9		0.69	0.79	7.2 7.2	ī	0.1						
0 1.0670	1.0670		8.6		0.69	0.79		3	0.1	108	2.8	118		3.6 19.2	.2 3.70
0 1.0310	1.0310		8.1		68.0	0.79		5	0.1						
0 0.9290	0.9290		8.6		0.69	0.79	7.2 7.3	3	0.1						
0 1.0930	1.0930		8.1		68.0	0.79		2	0.1						
0 0.9870	0.9870		8.5		70.0	0.69		2	0.1						
0 1.0650	1.0650		9.6		70.0	0.69		~	0.1						
1.0340	1.0340		8.7		70.0	68.0			0.1						
0 0.9420 8	0.9420		8.9		70.0	68.0			0.1	144	3	136	9	2 42.8	.8 4.10
0 1.0160	1.0160		6		70.0	68.0		0.1	0.1						
0 0.9190	0.9190		8.4		70.0	68.0	7.1 7.2	2	0.1						
0 1.0330	1.0330		8.9		0.69	67.0	7.2 7.2	ō	0.1						
9/30/2019 0 0.9600 9.2	0.9600 9.2	9.5		9	0.89	0.99	7.3 7.2	ā	0.1						
				L											
1.0388	1.0388	8.9		9	H	68.3 7.3	\vdash	0	0.1						
MONTHLY	MONTHLY	MONTHLY			INFL E	È	pH MAX pH	MON MAX	MON MAX					TOTAL NITROGEN FWA	EN FWA
PRECIP AVG AVG N	AVG	AVG	-	2	MONTHLY AVG		_							INFLUENT	EFFLU
						Hd NIM	Hd NIM Hd							236.5	31.8

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
270.0 CUBIC FEET

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
279.0 CUBIC FEET

67.0

FRI 11/1/2019 0 SAT 11/2/2019 0 SUN 11/3/2019 0 MON 11/4/2019 0 TUES 11/5/2019 0	AY INST MIN	ſ	1		,	pi (0.0.)		SET SOCIOS (ML/L)) CDCD5(INIC/L)	,		(-1011)	I O I VE I I I I O O C I I	
11/1/2019 11/2/2019 11/3/2019 11/4/2019	П	DAILY AVG INST MAX	MAX EFFL	INFL	EFFL I	INFL EFFL	FL INFL MAX	MAX EFFL MAX	X INFL	EFFL	INFL	EFFL	INFLUENT(mg/l)	EFFLUENT(mg/l)
11/2/2019 11/3/2019 11/4/2019 11/5/2019		1.122	9.5	0.99		7.1	7.2	0.1					1	
11/3/2019		1.0650	9.4	0.59		7.1	7.2	0.1						
11/4/2019		1.1490	9.1	0.99		7.1	7.2	0.1						
11/5/2019		1.0060	9.4	65.0		7.1	7.1	0.1						
		1.0590	9.1	0.99		7.1	7.2	0.1						
		1.0070	8.9	65.0		7.1	7.2	0.1						
THURS 11/7/2019 0		1.0420	9.4	0.99	63.0	7.2	7.3	0.1	98.8	.8 2.9	122	6.8	23.6	3.20
11/8/2019 0		1.0260	8.6	65.0		7.1	7.3	0.1						
11/9/2019 0		1.0160	8.4	63.0		7.1	7.2	0.1						
11/10/2019 0		0.9840	8.2	62.0		7.1	7.3	0.1						
		0.9980	8	61.0		7.1	7.3	0.1						
TUES 11/12/2019 0		1.0540	10.2	62.0	0.09	7.2	7.2	0.1						
11/13/2019 0		0.9730	6.6	61.0		7.1	7.2	0.1						
THURS 11/14/2019 0		0.9430	9.8	61.0		7.1	7.3	0.1	123	3 2.9	132	25.6	43.1	1.50
11/15/2019 0		1.0100	9.4	0.09	58.0	7.1	7.3	0.1						
11/16/2019 0		0.9530	9.1	0.09	58.0	7.1	7.2	0.1						
		0.9700	9.4	0.09	58.0	7.1	7.3	0.1						
	3	0.9910	9.5	0.09	58.0	7.2	7.2	0.1						
		1.0650	6.6	61.0	29.0	7.1	7.2	0.1						
11/20/2019		1.0310	9.8	59.0	57.0	7.2	7.2	0.1						
		0.9780	9.6	29.0	57.0	7.1	7.2	0.1	110		2 166	3 2.8	30.8	2.60
	10	1.0300	9.2	29.0	22.0	7.2	7.3	0.1						
	**	0.9640	6	29.0	26.0	7.1	7.2	0.1						
	10	1.0670	9.6	29.0	57.0	7.1	7.2	0.1						
11/25/2019		1.0380	9.1	58.0	26.0	7.2	7.2	0.1						
		1.0970	9.6	0.09	58.0	7.1	7.2	0.1						
11/27/2019		1.0370	6	0.09	58.0	7.1	7.2	0.1						
		1.0560	9.5	0.09	58.0	7.1	7.2	0.1	96.2		2 142	5.6	23.3	2.10
11/29/2019 0		1.0100	6	0.09	58.0	7.1	7.2	0.1						
11/30/2019 0		0.9710	8.6	0.09	58.0	7.1	7.2	0.1						
					1		1							
1.70	0	1.0237	9.2	_	59.3	+		0 0.1						
,TOT,	AL	MONTHLY	MONTHLY			MAX pH MA	MAX pH	XOM MOM XOM MOM	×.				TOTAL NITROGEN FWA	FWA
PRECIP	al de	AVG	AVG	MONTHLY AVG	-Y AVG	_		_	5				INFLUENT	EFFLUENT
						MIN pH MIN	MIN pH						247.6	19.9

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
270.0 CUBIC FEET

MAX TEMPERATURE (F) | 65.

PRECIP	ъιГ	-	띪	_	Ŧ	ᆔ		CBOD _{5 (} MG/L)		TSS (MG/L)	TOTAL	TOTAL NITROGEN
2	4	1	N-L		듸	INFL MAX EFFL	MAX	EFFE	Z Z	FFE	INFLUEN (mg/l) EFFLUEN (mg/l)	EFFCUENI (mg/l)
	0.994	9.5	58.0	56.0			0.1					
	1,0950	9.1	58.0	56.0			0.1					
	1.0930	3.5	29.0	57.0	7.1				_			
	1,0570	9.4	29.0	57.0			0.1					
	1.0300	9.6	0.09	58.0	7.1		0.1	110 2	2.5 114	6.4	33.5	2.90
	1.0350	9.1	58.0	57.0			0.1					
	1.0280	9.1	58.0	56.0	7.2 7							
	0.9670	9.2	58.0	56.0		7.2	0.1					
	0.9900	8.6	58.0	56.0	7.2 7		0.1					
	1,2870	8.9	58.0	56.0	6.9		1.1					
L	1.1980	6	58.0	56.0	7.1		0.1					
	1.1620	9.4	29.0	57.0	7.1		1.	72	2 110	6.8	26.2	2.40
	1.0830	9.1	58.0	56.0	7.1		0.1					
_	1.0830	9.2	58.0	56.0	7.2 7		0.1	_	_			
	1.5840	9.1	58.0	56.0			0.1					
	1,4400	10.8	26.0	54.0		0 0.7	0.1		-			
	1.2180	10.3	22.0	55.0	7.0		0.1					
	1.3720	9.9	57.0	55.0			-					
	1.2620	9.3	56.0	54.0			0.1	84	2 108	9	23.7	3.10
	1.1490	9.9	56.0	54.0	7.0		0.1					
	1.0780	6.6	26.0	54.0	7.1		0.1					
	1,1700	9.9	26.0	54.0	7.0		0.1					
	1.1050	9.6	56.0	54.0		7.2						
	1 1.1800	66	26.0	54.0			0.1					
	1.0280	9.3	56.0	54.0	7.0		0.1					
	1.1230	9.4	56.0	54.0	7.1		0.1					
	0.9910	9.6	57.0	55.0	7.1		0.1	69.6	2 112	8.8	35.7	4.30
	1.0410	9.4	56.0	54.0	7.1		1.1					
	1.0540	9.6	56.0	54.0	7.1	7.2	0.1			I		
	1,0820					_	0.1					
	1,1580	6.6	56.0	54.0	7.1 7.	.2						
	1.1335	9.5				0	0.1					
	MONTHLY	MONTHLY	NFL EFFL	_	MAX PH MAX PH	MON MAX	MON MAX				TOTAL NITROGEN FWA	1 FWA
	AVG	AVG	MONIH	1							INFLUENT 238.2	EFFLUENT 29.2
					-	1					(han falan	the /dex

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
AMOUNT

279.0 CUBIC FEET

ROGEN	FFLUENT(mg/l)			2.10						240	2:3						3.80							3.80							3.10			-WA
TOTAL NITROGEN	INFLUENT(mg/l) EFFLUENT(mg/l)			26.8						312							35.8							33.1							53.4			TOTAL NITROGEN FWA
TSS (MG/L)	EFFL			8.4						3 10.4							8.9							7.2							4			
TSS	INFL			2 94						138							128							110							2 90			
CBOD ₅ (MG/L)	EFFL			71.6						149 3.2							120							103							80.7			
CBO	INFL			7.						-							-							1							98			
DS (ML/L)	EFFL MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	VAN MON
SET SOLIDS (ML/L)	INFL MAX																																0	VANIMON
3.U.)	EFFL III		7.0	7.1	7.1	7.2	7.0	7.1	7.2	7.2	7.2	7.2		7.2	7.2	1	SOO	SOC	7.1	7.2	7.1	6.7	6.9	6.9	7.1	6.9	6.9	6.9	6.9	7.0	7.0	7.0	7.2	MAX pH
pH (S.U.)	INFL		7.0	7.0	7.0	7.1	7.0	7.0	7.1	7.1	7.1	7.1		7.1	7.1				7.0	7.1	7.0	7.1	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.9	7.1	MAX pH
_	EFFL			54.0			52.0	55.0	55.0	53.0	54.0	55.0		53.0	53.0		SOO	53.0 005	53.0	52.0	53.0	53.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	51.0	52.0	52.9	EFFL
TEMPERATURE(F)	INFL		56.0	56.0	56.0	56.0	54.0	57.0	57.0	55.0	56.0	57.0		55.0	55.0	SOO	SOO	.54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	53.0	54.0	54.8	INFL
D.0.	EFFL		6.6	6.6	6.6	9.7	11.2	6.6	6.6	6.6	8.6	8.8		11.2	6.6	900	SOO	6.9	7.2	6.8	6.9	11.9	6	6	11.4	6	6	11.1	11	11	8.4	9.6	9.5	MONTHLY
REATED	INST MAX																																	
ш	G	1.049	1.1580	1.0220	1.0870	1.0940	1.1380	0.9990	1.0800	1.0740	1.0050	1.0100	1.0520	1.0970	1.0310	1.0430	0.9820	1.0740	0.9190	1.0160	1.0570	1.0660	1.0380	0.9590	0.9870	1.0040	1.1030	1.1360	1.0420	1.1260	0.9910	0.9860	1.0460	MONTHLY
VOLUME	INST MIN		27-0																															
	IN/DAY	0	0	0.2	0.3	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0.1	0	0	0	0	0	0	0	1.3	0	0	0.1	0	0	0	2.20	TOTAL
DATE		1/1/2020	1/2/2020	1/3/2020	1/4/2020	1/5/2020	1/6/2020	1/7/2020	1/8/2020	1/9/2020	1/10/2020	1/11/2020	1/12/2020	1/13/2020	1/14/2020	1/15/2020	1/16/2020	1/17/2020	1/18/2020	1/19/2020	1/20/2020	1/21/2020	1/22/2020	1/23/2020	1/24/2020	1/25/2020	1/26/2020	1/27/2020	1/28/2020	1/29/2020	1/30/2020	1/31/2020		
DAY		WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	\dashv	S	1	SAT	+	_			S	1	1	+				S	FR		

AMOUNT YARI SCREENINGS REMOVAL FROM PLANT	
SCREENINGS REMOVAL FROM PLANT	YARDS
	ANT
AMOUNT 279.0 CUBIC I	CUBIC

DATE PRECIP VOLUME OF SEWAGE TREATED IN/DAY INST MIN DAILY AVG INST MAX	NOLUME OF SEWAGE INST MIN DAILY AVG	DAILY AVG	REATED IST MAX		D.O. T	TEMPERATURE(F)	(E(F)	pH (S.U.)	SET SOLIDS (ML/L)	IDS (ML/L)	CBOD ₅ (MG/L)	()	TSS (MG/L)	TOTAL N	TOTAL NITROGEN
0 0.994 10.8	0.994	0.994 10.8	10.8			15.0	53.0			0.1					ELLCEN (mg/l)
0 1.0120	1.0120		10.8	9.0	1 1	55.0	53.0			0.1					
1.0530	1.0530		10.9	6.0		55.0	53.0	7.0 6.9		0.1					
2/5/2020 0 1.0590 11	1.0590		100			56.0	54.0	6.9 7.0		0.1		1			
0.5 1.0400	1.0400		11 11	17		56.0	54.0			5 6	170	1,0	110	0 140	000
0.3 0.9920	0.9920		1	-	1	56.0	54.0			0.0	2	4.4	2		3.00
0 1.0700	1.0700		11	-	1	54.0	52.0			0.1					
2/9/2020 0 1.0670 11.11	1.0670		11.11	11.		56.0	53.0			0.1		+			
	0.9820		11.1	1.1		44.0	44.0			0.1		+			
2/11/2020 0.8 . 1.1100 11	1.1100		11	11		54.0	52.0			0.1					
0.1 1.0140	1.0140		11	1		54.0	52.0	6.9		0.1					
9.0	1.1150		11	1		55.0	53.0	6.9		0.1					
0 1.0930	1.0930		10.4	0.4		54.0	52.0	6.9		0.1	102	2	112 2	2.4 42.5	2.60
0	1.0580		10.3	0.3		53.0	51.0			0.1					
0 1.0980	1.0980		10.4	0.4		54.0	52.0	0.7 6.9		0.1					
0.9690	0.9690		10	0		54.0	52.0	7.0 7.0		0.1					
0 0.9180	0.9180		10.9	9.0		53.0	51.0			0.1					
1.1890	1.1890	_	11.1			54.0	52.0			0.1					
1.0360	1.0360		11.7	1.7	- 1	55.0	53.0			0.1	150	2.6	116 3	3.2 24.3	2.50
0 0.9820	0.9820		11	_	- 1	54.0	51.0			0.1					
0 0.9730	0.9730		10.9	9.6		54.0	51.0			0.1					
0.666.0	0.666.0		11.1		- 1	54.0	52.0			0.1					
0	1.0430		11.2	1.2		55.0	53.0			0.1					
0.1 1.1200	1.1200		10.9	6.0	- 1	55.0	52.0			0.1					
0 0.9930	0.9930		10	0		55.0	53.0			0.1					
1.3 1.0710	1.0710		11	_	- 1	55.0	53.0	7.0 7.1		0.1	86.3	2	92 5	5.6 17.3	2.40
0	1.1170		10.8	8.0		54.0	52.0	7.0 7.1		0.1					
2/29/2020 0 1.0820 11.4	1.0820		11.4	4.1		54.0	52.0	7.0 7.1		0.1					
0	0									0.1		_			
0	0														
	-														
1.0437	1.0437		10.9	6.0		54.2 52.1		⊢	0	0.1					
MONTHLY	MONTHLY		MONTHLY	THLY			ž	Š	X V M NOM	YAM MOM				TOTAL NITROGEN FWA	FWA
PRECIP AVG AVG	AVG		AVG	9	_	MONTHLY AVG	П	_	\dashv	VOIN INDI				INFLUENT	EFFLUENT
							MIN pH	Hd MIN Hd		_,		1		280.2	23.3
														ibo/odi	Ibolde

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
261.0 CUBIC FEE

MAX TEMPERATURE (F) | 54.0

	DATE	Ш	VOLUME OF SEWAGE TREATED	REATED	D.O.	TEMPERATURE(F)	TURE(F)	pH (S.U.)	S.U.)	SET SOL	SET SOLIDS (ML/L)	CBOD ₅ (MG/L	IG/L)	TSS (MG/L	٦)	TOTAL NITROGEN	TROGEN
	IN/DAY	INST MIN	DAILY AVG IN	INST MAX	EFFL	INFL	EFFL II	INFL	EFFL	INFL MAX	EFFL MAX	INFL E	EFFL III	INFL EFFL	Ī.	NFLUENT(mg/l)	EFFLUENT(mg/l)
3/1	3/1/2020 0		1.007		10.4	54.0	52.0	6.9	7.0	_	0.1				T	г	8
	3/2/2020 0		1.0180		11.4	54.0	52.0	6.9	7.0		0.1						
	3/3/2020 0.1		1.0720		11.2	56.0	54.0	6.9	7.0		0.1						
	3/4/2020 0.3		1.0730		10.9	56.0	54.0	6.9	7.0		0.1						
THURS 3/5	3/5/2020 0.1		1.0510		11.4	26.0	54.0	7.0	7.1		0.1	101	2	118	4	37.4	2.80
3/6	3/6/2020 0		1.0510		11.2	26.0	54.0	7.1	7.1		0.1						
3/7	3/7/2020 0		0.9870		10.9	56.0	54.0	6.9	7.0		0.1						
3/8	3/8/2020 0		1.0840		11.4	56.0	54.0	7.0	7.1		0.1						
	3/9/2020 0		1.0080		10.7	56.0	54.0	7.1	7.1		0.1						
TUES 3/10	3/10/2020 0		1.0710		10.4	57.0	55.0	7.0	7.1		0.1				_		
	3/11/2020 0		1.0780		11.1	57.0	55.0	7.0	7.1		0.1						
THURS 3/12	3/12/2020 0		0.9630		10.1	26.0	54.0	7.0	7.1		0.1	112	2.6	114	4.4	48.1	3.00
3/13	3/13/2020 0.8		1.1190		9.8	56.0	54.0	7.0	7.1		0.1						
3/14	3/14/2020 0		1.0740		9.6	56.0	54.0	7.1	7.1		0.1						
3/15	3/15/2020 0		1.0680		9.8	56.0	54.0	7.0	7.1		0.1						
	3/16/2020 0		1.1410		10	56.0	54.0	7.0	7.1		0.1						
	3/17/2020 0		1.0490		9.7	56.0	54.0	7.0	7.1		0.1						
WED 3/18	3/18/2020 0		1.0360		9.7	55.0	53.0	7.0	7.1		0.1						
1	3/19/2020 1		1.1120		9.8	22.0	53.0	7.1	7.1		0.1	54	2.3	92	5.6	36.3	3.00
3/20	3/20/2020 0		1.1060		6.6	54.0	53.0	7.0	7.1		0.1						
3/21	3/21/2020 0		0.9280		6.6	54.0	53.0	7.0	7.1		0.1						
3/22	3/22/2020 0		1.2570		9.8	55.0	53.0	7.1	7.1		0.1						
	3/23/2020 1.6		1.1040		10.4	55.0	53.0	7.0	7.1		0.1						
TUES 3/24	3/24/2020 0		1.1930		10.9	54.0	53.0	7.0	7.1		0.1						
1			1.1820		10	54.0	53.0	7.0	7.1		0.1						
THURS 3/26			1.2080		10.3	25.0	53.0	7.0	7.1		0.1	102	4.7	86	6.4	23.9	2.40
3/21	-	,	1.1530		10.5	22.0	53.0	7.0	7.1		0.1						
3/28	4		1.1110		10.9	26.0	53.0	7.0	7.1		0.1						
3/25	3/29/2020 0.4		1.2360		10.5	22.0	53.0	7.0	7.1		0.1						
			1.1250		10	0.99	53.0	7.1	7.1		0.1						
TUES 3/31	3/31/2020 0		1.1630		10	26.0	53.0	7.1	7.1								
	4.80		1.0912	:	10.4	55.5	53.5	7.1	7.1	0	0.1						
	TO AL		MONIHLY	Ž	MONTHLY		+	MAX pH	MAX pH	MON MAX	MON MAX		1		TOT	ROGEN	FWA
	アスカフー		AVG	┙	AVG	MONIHLY AVG	Т	6.9	7.0						IAN I		EFFLUENT
							١	MIN PH	MIN PH						_	290.1	24.3

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
Z79.0 CUBIC FEET

IAX TEMPERATURE (F) 55.0

Z	ENT(mg/l)		3.20			-				3.50	000						5 20	07:0						3.10							3.40				LNI
TOTAL NITROGEN	INFLUENT(mg/l) EFFLUENT(mg/l)		37.6							36.1							189							21.6							32.5			TOTAL NITROGEN FWA	LVELUENT FEELUENT
TSS (MG/L)	EFFL IN		92 6.4							4							94 52							84 6.8							54 6.8			TO	Z
TS	INFL									110															L										
MG/L)	EFFL		2							8							3.1							3.4							3.1				
CBOD ₅ (MG/L)	INFL		65.6							65.2							63.2							59.4							56.7				
OS (ML/L)	EFFL MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	MON MAX	
SET SOLIDS (ML/L)	NFL MAX																																0	MON MAX	
.U.)	EFFL II	7.2	7.1	7.1	7.1	7.2	7.1	7.1	7.1	7.1	7.1	7.0	7.0	7.1	7.1	7.1	7.2	7.2	7.1	7.1	7.1	7.1	7.2	7.1	7.1	7.1	7.1	7.1	8.9	7.1	7.1	-	7.2	MAX pH	8.9
pH (S.U.	INFL [6	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.0	7.0	7.1	7.0	7.1	7.1	7.1	7.0	7.0	7.0	7.1	7.0	7.0	7.0	7.0	7.1	6.9	7.0	7.0	1	_	되	6.9
URE(F)	EFFL IN	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	55.0	53.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	45.0	53.0	55.0	0.09	26.0	27.0	0.09	51.0	50.0	52.0	59.0	1	54.1	1	AVG
TEMPERATURE(F)	INFL E	27.0	57.0	57.0	57.0	58.0	58.0	58.0	58.0	58.0	58.0	57.0	58.0	56.0	56.0	56.0	26.0	54.0	57.0	56.0	44.0	53.0	45.0	44.0	58.0	29.0	44.0	53.0	52.0	51.0	61.0	+	54.8	NFL	MONIHLY AVG
D.O.	EFFL	10.2	6.6	10.4	10	10.1	10.1	10.1	10	6.6	10.1	10	10	10.3	10.7	10.3	10	10.1	10.4	10.2	10.5	10.4	10.2	10.4	10.5	10.2	10.4	9.8	9.2	9.7	6.6	7.07	10.1	MONTHLY	AVG
TREATED	INST MAX																																		
VOLUME OF SEWAGE TREATED	DAILY AVG	1.112	1.1210	0.9940	1.3210	1.1740	1.1160	1.1790	1.0810	1.0890	1.2120	0.9930	1.1800	1.0410	1.3030	1.2240	1.1550	1.2190	1.1160	1.2320	1.1220	1.1700	1.0580	1.1010	1.0400	1.1590	1.1940	1.0210	1.1470	1.1160	1.0560	4 4040	1.1349	MONTHEY	AVG
VOLUME	INST MIN																																		
_	IN/DAY	0	0	0.4	0	0	0.4	0	0.1	0.3	0	0	0	2	0	0	0	0	0.3	0	0	0.4	0	0.1	9.0	0	0.3	0.1	0	0	0.8	2 00	5.80	I O I AL	PRECIF
DATE		4/1/2020	4/2/2020	4/3/2020	4/4/2020	4/5/2020	4/6/2020	4/7/2020	4/8/2020	4/9/2020	4/10/2020	4/11/2020	4/12/2020	4/13/2020	4/14/2020	4/15/2020	4/16/2020	4/17/2020	4/18/2020	4/19/2020	4/20/2020	4/21/2020	4/22/2020	4/23/2020	4/24/2020	4/25/2020	4/26/2020	4/27/2020	4/28/2020	4/29/2020	4/30/2020		T	T	
DAY		WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	IRS			SUN	MON	TUES	WED	THURS				

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
270.0

	(l/ma/l)			Γ				2.70					I		2.20	27.7						3.70							3.80						F
TROGEN	FFLUEN																																	FWA	EFFLUENT
TOTAL NITROGEN	INFLUENT(mg/l) EFFLUENT(mg/l)							97.9							4 20 4							31.1							4 38.7					ROGEN	INFLUENT
TSS (MG/L)	L EFFL							09							88							134 5.6							110						
(L)	FL INFL						-	3.3							2							3							2		-				
CBOD ₅ (MG/L)	INFL EFFL							76.4							72.9							95.7							91.6						
S (ML/L)	EFFL MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	MON MAX	
SET SOLIDS (ML/L)	INFL MAX																																0	MON MAX	
.U.)	EFFL	7.1	7.0	7.1	7.1	7.1	7.1	7.1	6.9	7.1	7.1	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.1	7.0	7.0		7.0	7.1	7.1	7.1	7.0		7.1	MAX pH	6.9
pH (S.U.)	INFL	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.9	6.9	7.0	6.9	6.9	6.9	7.0	6.9	6.9		6.9	7.0	7.0	6.9	6.9		7.0	MAX pH	6.9
UKE(F)		58.0	58.0	59.0	0.09	0.09	0.09	59.0	59.0	0.09	0.09	58.0	58.0	58.0	58.0	58.0	59.0	58.0	58.0	58.0	58.0	58.0	58.0	29.0	58.0		58.0	29.0	29.0	59.0	0.09		58.7	+	
I EMPERATURE(F.		62.0	62.0	63.0	62.0	62.0	61.0	62.0	61.0	61.0	61.0	0.09	0.09	0.09	0.09	62.0	62.0	0.09	0.09	62.0	61.0	61.0	62.0	62.0	61.0		62.0	62.0	63.0	63.0	63.0		61.5	INFL	MONTHLY AVG
D.O.	EFFL	9.8	6.6	9.8	6.6	9.6	10.4	10	9.8	10	10.4	9.7	6.6	6.6	9.6	9.4	9.2	6.6	10.2	9.2	9.6	9.8	6.6	6.6	6.6		8.6	9.8	6.6	9.4	6.6		8.6	MONTHLY	AVG
KEALED	INST MAX																																		_
111	9	1.15	1.1800	1.1160	1.1430	1.1390	1.1160	1.0700	1.0770	1.1380	1.0710	1.0780	1.0990	1.0790	1.0350	1.0240	0696.0	1.0140	1.0940	1.0360	1.0290	0.9950	1.0260	1.0300	1.0290	1.0340	1.0550	1.0590	0.9690	1.0660	0.9720	1.0050	1.0612	MONTHLY	AVG
VOLUME	NST MIN														2 52																				_
_	۶	0.2	0	0	0.2	0	0	0	0.4	0.3	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.20	TOTAL	TRECE
DATE		5/1/2020	5/2/2020	5/3/2020	5/4/2020	5/5/2020	5/6/2020	5/7/2020	5/8/2020	5/9/2020	5/10/2020	5/11/2020	5/12/2020	5/13/2020	5/14/2020	5/15/2020	5/16/2020	5/17/2020	5/18/2020	5/19/2020	5/20/2020	5/21/2020	5/22/2020	5/23/2020	5/24/2020	5/25/2020	5/26/2020	5/27/2020	5/28/2020	5/29/2020	5/30/2020	5/31/2020		Ī	٦
DAY		FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN			

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
1 279.0

MAX TEMPERATURE (F) | 60.0

1.0350 9.6 1.0350 9.6 1.0380 9.9 1.0380 9.4 1.0490 9.4 1.0270 9.6 1.0270 9.6 1.0270 9.6 1.0270 9.9 1.0270 9.9 1.0270 9.9		בבבו	[550]	3		I I	ISS (MG/L)	Z	OGEN
	62.0	61.0	6.9 7.0	INFL MAX EFFL MAX	AX INFL EFFL	IN IN	1	INFLUENI (mg/l) EF	EFFLUENI(mg/l)
	62.0								
	62.0		7.0						
	62.0	0.09	6.9	0.1	84	2.5	190	4 22.6	5.20
	62.0		6.9	0.1					
	63.0		6.9	0.1					
	62.0	0.09	7.0	0.1					
	64.0	62.0	7.0 7.1	0.1					
	64.0	62.0	6.9	0.1					
	64.0		6.9	0.1					
	64.0				82.7	2	118	2 29.4	3.90
	64.0	62.0		0.1					
0.9160 9.9	64.0		6.9	0.1					
0.9680	62.0								
0.9880	62.0								
0.9830	62.0	0.09	6.9	0.1					
1.0130 9.6	63.0								
1.0010 9.9	63.0	61.0			87	2	112	2 25.6	3.20
0.9490 9.4	64.0	61.0	7.0 7.1	0.1					
1.0380 9.7	64.0	61.0	6.9	0.1					
1.0700	64.0		6.9	0.1					
	64.0		7.0 7.1	0.1					
	64.0		6.9	0.1					
1.0010 9.6	64.0		6.9	0.1					
	64.0		6.9	0.1	116	2	252	2 29.3	2.90
1.0210 9.2	64.0		7.0 7.1	0.1					
0.9470 9.4	64.0	62.0	7.0 7.0	0.1					
0.9830	64.0		7.0 7.1	0.1					
1.0010				0.1					
0.9820 9.9	64.0	62.0	6.9	0.1					
1.0120 9.7	+	51.2 7.0	7.1	0 0.1		+			
MONTHLY	INFL	EFFL MAX pH	H MAX pH	H	7			TOTAL NITROGEN FWA	VA
AVG	MONTHLY		⊢	MON MAX MON MAX	IAX			INFLUENT LEF	EFFLUENT
		Hd NIM	Hd NIM H					34.4	222.5

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
270.0

7/1/2020 0.3 7/1/2020 0.3 7/3/2020 0.8 7/4/2020 0.8 7/4/2020 0.7 7/5/2020 0.3 7/6/2020 0.3 7/6/2020 0.3 7/1/2020 0.7 7/1/2020 0.7 7/1/2020 0.7 7/1/2020 0.5 7/1/2020 0.5 7/1/2020 0.5	0.9960 0.9960 1.0740 0.9950 1.0140 0.9950 0.9950 0.9950 0.9950 1.0140 0.9950 0.9960 1.0740 1.0740 1.0740 1.0740	9.8 9.8 9.4 9.8 9.9 9.9 9.9 9.9	INFL EFFL	INICI	Ī			,				
	0.984 0.9860 1.0250 1.0250 1.0140 0.9860 0.9860 1.0140 1.0140 1.0140 0.9860 1.0740 1.0740 1.0740 1.0740	9.8 9.7 9.9 9.9 9.9 9.9 9.9 9.9	010		EFFL	INFL MAX EF	EFFL MAX	INFL EFFL	FL INFL	FL EFFL	INFLUENT(ma/l)	EFFL UENT(mg/l)
	0.9960 1.0250 1.0250 1.0140 0.9950 0.9950 0.9920 0.9680 1.0740 1.0740 1.0740 1.0780	9.5 9.4 9.9 9.9 9.9 9.9 9.9 9.9	0.79	65.0	6.9		Г					1.6
	1,0250 1,0140 0,9860 0,9950 1,0140 0,9820 0,9860 1,0740 1,0740 1,0740 1,0740	9.4 9.9 9.4 9.6 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7	0.89	0.99		-	0.1	83.5	2	132	2 24.7	2 10
	1,0140 0,9880 0,9950 0,9950 1,0140 0,9920 0,9880 1,0740 1,0740 1,0740 1,0280	9.00	70.0	67.0		0	0.1		1			
	0.9880 0.9950 0.9950 1.0140 0.9920 0.9820 1.1740 1.1390 1.1380	9.9	70.0	67.0	7.0 7.0	0	0.1					
	0.9950 0.9950 1.0140 0.9920 0.9820 1.0740 1.1390 0.9660	9.9	70.0	68.0		0	0.1					
	1.0140 1.0140 0.9920 0.9660 1.0740 1.1390 0.9660	9.4	71.0	68.0		0	0.1		-			
+HH	1.0140 0.9220 0.9860 1.0740 1.1380 0.9660	9.2	71.0	68.0		0	0.1					
	0.9920 0.9680 1.0740 1.1390 0.9660	9.2	72.0	0.69			0.1					
$\perp \downarrow \downarrow$	0.9680 1.0740 1.1390 0.9660	9.4	73.0	70.0	6.9		0.1	105	6	212	273	00 1
\perp	1.0740 1.1390 0.9660 1.0280		74.0	72.0	7.2 7.3		0.1	2	1			
\perp	1.1390 0.9660 1.0280	8.9	75.0	72.0		-	0.1					
	0.9660	9.2	75.0	70.0			0.1	-	-			
	1 0280	6	73.0	71.0			0.1					
7/14/2020 0.1	0070:	8.6	74.0	72.0			0.1					
7/15/2020 0	1.0450	8.9	74.0	72.0			0.1					
7/16/2020 0	0.9760	9.2	74.0	72.0			0.0	747	6	408	7 90	00 0
7/17/2020 0.6	1.0450	8.2	74.0	72.0			10	1.1.1	7	2		0.0
7/18/2020 0.7	0.9770						0.1					
7/19/2020 0	1.0140						0.1		+			
	0.9980	8.1	75.0	73.0	7.0 7.0		0.1					
	1.0370	8.8	75.0	73.0	7.0 7.0		0.1		-			
7/22/2020 0.9	0.9940	9.2	74.0	74.0			0.1					
	1.0350	8.9	75.0	73.0	6.9 7.1		0.1	143	3.6	232	24 235	3.10
4	1.0240	9.1	75.0	73.0	6.9		0.1					
-	1.0340	8.9	75.0	73.0	6.8 6.9		0.1					
1	1.0050	9.1	75.0	73.0	6.9		0.1					
	1.0000	9.5	75.0	73.0	7.0 7.1		0.1					
1	0.9840	6	75.0	72.0	6.9		0.1					
4	1.0250	9.4	76.0	73.0	6.9		0.1					
	0.9760	9.1	76.0	73.0	6.8 7.0		0.1	138	2	200	2 25.9	3.50
7/31/2020 0	0.9950	9.2	75.0	73.0	6.9 7.0		0.1					
5.40	1.0110	9.1	73.5	71.1 7.	_	0	0.1					
LOIAL	MONIHLY	MONTHLY	NFL E	Ž	È	MON MAX	MON MAX				TOTAL NITROGEN FWA	1 FWA
TO SECTION OF THE PERSON OF TH	AVG	AVG	MONTHLY AVG	Т	_	\dashv					INFLUENT	EFFLUENT
				MIN pH	Hd NIM Hd						214.9	28.8

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
279.0 CUBIC FEET

MAX TEMPERATURE (F) | 74.0

	T(ma/l)						3 90	8.0	T	T				4 40	7	T	I		-		4 90	200		T				6.00								
TROGEN	EFFLUENT(ma/l)																																		FWA	FFFI UFNT
TOTAL NITROGEN	INFLUENT(mg/l)						39.3							33.2							286							27.6							ROGEN	INFLUENT
TSS (MG/L)	INFL EFFL						140 2.8							132							142 2.8							162 2								
CBOD ₅ (MG/L)	INFL EFFL IN						94							124 2							108							100 2								
SET SOLIDS (ML/L)	EFFL MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1	MON MAX	
SET SOL	INFL MAX																																	0	MON MAX	
pH (S.U.)	EFFL	6.9			6.9													9 7.0			9 7.1		0 7.2		7.1	9 7.1	7.1	7.1	7.1		7.1	1 7.2		_	È	7.0
Hd.	INFL																	6.9	7.0	7.0	6.9	7.0	7.0		7.0	6.9	7.0	7.0	6.9	7.0	6.9	7.1		7.1	MAX pH	6.8
ATURE(F)	EFFL	73.0	74.0	73.0	73.0	73.0	73.0	72.0	72.0	72.0	72.0	73.0	72.0	72.0	72.0	72.0		72.0	72.0	71.0	71.0	71.0	70.0		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		71.5	EFFL	-Y AVG
TEMPERATURE(F	INFL	75.0	75.0	75.0	75.0	75.0	75.0	74.0	74.0	74.0	74.0	75.0	74.0	74.0	74.0	74.0		74.0	74.0	73.0	73.0	73.0	73.0		72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0		73.5	INFL F	MONIHLY
D.O.	EFFL	6.6	9.8	10	6.6	9.7	9.2	5.5	6.4	6.8	7.5	9	5.8	6.4	5.9	6.4		6.2	5.6	6.2	5.6	6.1	5.8		6.4	6	8.9	9.3	9.1	9.6	9.1	9.1		7.5	MONTHLY	AVG
rreated	INST MAX																																			
ш	Q	96.0	1.0830	0.9520	0.9730	0.9740	0.9630	1.0500	0.9770	0.9590	0.9860	1.0260	0.9930	0.9290	0.9970	1.0030	1.0570	0.9260	0.7480	1.0040	1.0020	1.0070	0.9640	0.9790	0.9870	0.9390	0.9780	0.9660	0.9550	1.0140	1.0240	0.8750	0.00	0.9758	MONTHLY	AVG
VOLUME	INST MIN																																			_
PRECIP	IN/DAY	0	0	0	0.3	0	0	0.2	0	0	0	0	0	0.3	0	0	0.4	0.4	0	0.4	0	0	0	0	0	0	0	0.1	0	0	0	0	0,70	2.10	DEFCIE	120121
DATE		8/1/2020	8/2/2020	8/3/2020	8/4/2020	8/5/2020	8/6/2020	8/7/2020	8/8/2020	8/9/2020	8/10/2020	8/11/2020	8/12/2020	8/13/2020	8/14/2020	8/15/2020	8/16/2020	8/17/2020	8/18/2020	8/19/2020	8/20/2020	8/21/2020	8/22/2020	8/23/2020	8/24/2020	8/25/2020	8/26/2020	8/27/2020	8/28/2020	8/29/2020	8/30/2020	8/31/2020	1	T	T	_
DAY		SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MON	TUES	WED	THURS	FRI	SAT	SUN	MOM				

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
279.0 CUBIC FEET

PRECIP VOLUME OF S IN/DAY INST MIN DAIL	PRECIP VOLUME OF SEWAGE - IN/DAY INST MIN DAILY AVG	VOLUME OF SEWAGE -	E OF SEWAGE TREAT	TREAT	TED	D.O. EFFL		100	pH (S.U.)		SET SOLIDS (ML/L) NFL MAX EFFL MA	DS (ML/L) EFFL MAX	CBOD _{5 (} MG/L)	MG/L) EFFL	TSS	TSS (MG/L) EFFL	TOTAL INFLUENT(mg/l)	TOTAL NITROGEN IT(mg/l) EFFLUENT(mg/l)
0.5 1.01 9.4	0.5 1.01 9.4	9.4	9.4			72	72.0	70.0	7.0	7.2		0.1						
0 0.9530 9.1	0 0.9530 9.1	9.1	9.1	+	+	7.	72.0	70.0	6.9	7.0		0.1						
0.9730	1.3 0.9730			9.4	9.4		72.0	70.0	7.0	7.2		0.1	117	2	140	3.2	31.9	9 6.50
	0 1 0040			0.60	0.0		72.0	70.07	0.0	1.7	1	0.1						
0.9660	0.9660			9.6	9.6		73.0	70.07	6.9	7.1		0.1						
0 1.0410	0 1.0410			9.4	9.4		72.0	70.0	7.0	7.2		0.1						
0	0.9680			9.6	9.6		72.0	70.0	7.0	7.1		0.1						
0 1.0160	0 1.0160			9.4	9.4		72.0	70.0	7.0	7.1		0.1						
1.4 0.9200	1.4 0.9200			8.4	8.4		71.0	70.0	6.9	7.0		0.1	109	2	300	14	28	2 5.60
0	0 1.0680			9.6	9.6		72.0	70.0	6.9	7.1		0.1						
0 1.0370	0 1.0370			9.4	9.4		72.0	70.0	7.0	7.2		0.1						
1.0980	1.0980	_	_	9.4	9.4		72.0	70.0	7.0	7.2		0.1						
0	0 0.9220			8.3	8.3		72.0	70.0	7.1	7.1		0.1						
0 0.9930	0 0.9930			8.9	8.9		72.0	70.0	7.1	7.2		0.1						
	0 1.0580			9.2	9.2		71.0	70.0	7.0	7.2		0.1						
0 0.9580	0 0.9580			9.4	9.4		70.0	68.0	7.1	7.2		0.1	105	2.8	194	10	19.9	5.20
0	0666.0 0			9.8	8.6		70.0	0.89	7.1	7.2		0.1						
0 0.9520	0 0.9520			6.6	6.6		70.0	0.89	7.0	7.1		0.1						
0 1.0570	0 1.0570			9.4	9.4		70.0	0.89	7.1	7.2		0.1						
0.9080	0.9080			9.5	9.5	ı	68.0	0.99	7.2	7.1		0.1						
0 0.9790	0 0.9790			9.6	9.6	,	68.0	0.99	7.1	7.2		0.1						
0 0.9510	0 0.9510			9.4	9.4	- 1	0.89	0.99	7.0	7.1		0.1						
0	0.9660			9.6	9.8	- 1	0.69	0.99	7.1	7.2		0.1	94	2	200	11.2	27.7	7 7.70
0.9690	0.9690			9.6	9.6	- 1	0.69	0.78	7.1	7.2		0.1						
0 0.9480	0 0.9480			9.1	9.1	- 1	0.69	67.0	7.1	7.2		0.1						
0 1.0470	0 1.0470			9.6	9.6	- 1	0.69	0.79	7.1	7.2		0.1						
0 0.8780	0 0.8780			0	6	1	0.69	67.0	7.1	7.1		0.1						
0.3 0.9860	0.3 0.9860			9.4	9.4		0.69	0.79	7.1	7.2		0.1						
9/30/2020 0.8 0.9840 9.7	0.8 0.9840			9.7	9.7		70.0	0.79	7.1	7.2		0.1						
				\forall	\forall		\dashv		\mathbb{H}									
0.9900	0.9900	9.4	9.4	_	_	-	9.07	9.89	_	7.2	0	0.1						
MONTHLY	MONTHLY	MONTHLY	MONTHLY			=	\neg	-	I	MAX pH	MONIMON MAY	WON MAY					TOTAL NITROGEN FWA	EN FWA
PRECIP AVG AVG	AVG			AVG	AVG	- 1	MONTHLY	LY AVG	_			NOW MICH					INFLUENT	EFFLUENT
								ے	MIN PH MI	MIN pH							214.4	50.1
GRIT REMOVAL EROM PLANT	TNA IG											II.					lbs/day	y lbs/day
	1																	

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
270.0 CUBIC FEET

10/17/2020 0 10/2/2020 0 10/2/2020 0 10/3/2020 0 10/4/2020 0 10/6/2020 0 10/6/2020 0 10/6/2020 0 10/6/2020 0 10/4/2020 0 10/17/2020 0 10/14/2020 0 10/14/2020 0 10/16/2020 0 10/16/2020 0 10/16/2020 0 10/16/2020 0 10/16/2020 0 10/16/2020 0 10/16/2020 0 1.2 10/17/2020 0 1.2	INST MIN DAILY AVG INST MAX 1.037 1.037 1.037 1.037 1.0370 1.0370 1.0370 1.0370 1.0370 1.0470 1.0470 1.0470	HEFFL 9.55 9.60 9.60 9.60 9.60 9.60 9.60 9.60 9.60	NFL EFFL 670.0 68 70.0 68 68 68 68 68 68 68 68 68 68 68 68 68	67.0 7.2	EFFL		ואובו	INFI	בבבו	Г	
	1031 0.9280 0.9320 0.9740 0.9740 0.9770 0.9990 0.9880 0.9880 0.9880 1.370 1.1370 1.0570	9.57 9.77 9.69 9.69 9.69 9.69 9.69 9.69 9.6				INFL MAX EFFL MAX				INTEGEN (mg/l) IE	EFFLUENT(mg/l)
	0.9280 0.9320 0.9740 0.9710 0.9770 0.9990 0.9880 0.9880 0.9880 1.1370 1.1370 1.0570	9.7 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9			7.2	0.1	119	5.4	156 8.4	55.2	13.10
	0.9320 0.9740 0.9710 0.9490 0.9990 0.9980 0.9380 0.9520 0.9440 1.1370 1.0570	9.4 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9		68.0 7.1	7.1	0.1					
	0.9740 0.9710 0.9490 0.9490 0.9990 0.9980 0.9620 0.9440 1.1370 1.0570 1.0470	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		67.0	7.2	0.1					
	0.9710 0.9490 0.9490 0.9990 0.9880 0.9880 0.9520 0.9520 1.1370 1.10570 1.0570	7: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				0.1					
	0.9490 0.9770 0.9990 0.9880 0.9880 0.9520 0.9440 1.1370 1.0570 1.0570	8. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	70.0	68.0 7.0	7.1	0.1					
	0.9770 0.9990 0.9980 0.9380 0.9520 0.9440 1.1370 1.0570	0 0 0 0 0 0 0 0 0 0 0 0 0 0				0.1					
	0.9990 0.9880 0.9380 0.9520 0.940 1.1370 1.0570 1.0470	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	71.0	68.0 7.1		0.1					
	0.9880 0.9380 0.9520 0.9440 1.1370 1.0570 1.0470	9.00 9.00 9.00 9.00 9.00 9.00		68.0 7.1		0.1	92.6	3.2	156	8 43.4	17.60
	0.9380 0.9520 0.9440 1.1370 1.0570 1.0470	9.9 9.9 9.9 8				0.1					
	0.9520 0.9440 1.1370 1.0570 1.0470	9.6 9.9 9.9 8		68.0 7.1		0.1		l			
	0.9440 1.1370 1.0570 1.0470	6.6		67.0 7.1		0.1		-			
	1.1370 1.0570 1.0470	6.6		68.0 7.1		0.1					
	1.0570 1.0470	80		68.0 7.1		0.1		-			
	1.0470	0.0		68.0 7.1		0.1					
		9.6		68.0 7.0		0.1	76.8	3.3	104	33.3	15.90
	1.0810	9.7	99 0:89	0.7 7.0	7.1	0.1					
	1.0780	6.6		0.7 0.99		0.1					
	1.1120					0.1					
	1.1400	9.7		3.0 7.0	7.1	0.1					
10/20/2020 0	1.0610	6.6		66.0 7.1	7.2	0.1					
	1.0290	6.6		66.0 7.1	7.2	0.1					
10/22/2020 0	1.0730	9.6		67.0 7.1	7.2	0.1	57.7	2.8	96 5.2	32.3	10.90
10/23/2020 0	1.0630	9.6		66.0 7.1	7.2	0.1					
	0.9810	9.1		0.07	7.2	0.1					
	1.1240	6.6		66.0	7.2	0.1					
	1.0000	9.7				0.1					
	0.9890	9.2			7.1	0.1					
4	1.0360	9.6	9 0.99		7.2	0.1					
_	1.0390	6.6		63.0 7.0	7.1	0.1	91.4	2.6	162 8.4	29.1	9.10
	1.0650	6.6	64.0 63	63.0 7.0	7.1	0.1					
10/31/2020 0.1	1.3180	8.6		63.0 7.1	7.2						
6.90	1.0327	9.7	68.3 66.4	_	7.2	0 0.1					
TOTAL	MONIHLY	MONTHLY	INFL EFFL	È	MAX pH	MON MAX				ROGEN	WA
PRECIP	AVG	AVG	MONTHLY AVG	1	7.1	4					EFFLUENT
				MIN	MIN pH			_	State of the Control	334.6	115.3

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
279.0 CUBIC FEE

MAX TEMPERATURE (F) [68.0

TROGEN	EFFLUENT(mg/l)					7.60							5.70							4.40						3.70								EWA
TOTAL NITROGEN	INFLUENT(mg/l)					22.5							32.9							39.3						26.3								TOTAL MITBOGEN EWA
TSS (MG/L)	EFFL					136 3.2							160 4.8							114 2.4						92 2.4								<u> </u>
<u>=</u>	INFL		L			2																				4							1	-
(MG/L)	EFFL												2.2							2.2						2.4								
CBOD ₅ (MG/L)	INFL					53.9							74.1							94.7						81.9								
OS (ML/L)	EFFL MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		10	
SET SOLIDS (ML/L)	NFL MAX																																c	,
U.)	EFFL I		7.0	7.1	7.1	7.1	7.1	7.2	7.1	7.1	7.1	7.0	7.1	7.1	7.1	7.1	7.0	7.1	7.2	7.1	7.1	7.0	7.1	7.0	7.1	7.1		7.1	7.1	7.1	7.1		7.2	MANY
. pH (S.U.	INFL E		7.0	7.1	7.0	7.0	7.0	7.0	7.0	7.1	7.1	7.0	7.1	7.0	7.1	7.1	7.1	7.1	7.1	7.0	6.9	6.9	7.0	7.1	7.0	7.0		7.0	6.9	7.0	7.0		7.1	글
RE(F)			62.0	62.0	62.0	63.0	63.0	63.0	62.0	0.09	61.0	62.0	61.0	0.09	0.09	61.0	0.09	61.0	58.0	27.0	57.0	57.0	57.0	58.0	57.0	58.0		58.0	27.0	57.0	58.0		2 6	ECC! M
TEMPERATURE(F)	INFL EFFL		64.0	64.0	64.0	65.0	65.0	65.0	65.0	65.0	62.0	63.0	64.0	63.0	62.0	61.0	63.0	62.0	62.0	0.09	0.09	0.09	0.09	0.09	0.09	0.09		0.09	0.09	29.0	0.09	1	+	INE
D.O.	EFFL		10	8.6	6.6	6	9.4	9.7	9.2	10	6.6	10	6.6	6.6	6.6	6.6	10.1	6.6	8.9	9.1	9.4	8.9	9.1	10.2	6.6	6.6		6.6	9.7	9.4	9.6		2.6	MONTH! V
REATED	INST MAX																			-														
VOLUME OF SEWAGE TREATED	9	1.255	1.1740	1.1200	1.0070	1.1480	1.0700	1.0140	1.0260	1.1040	1.0250	1.0110	1.4640	0.7010	1.0490	1.1110	1.0300	1.0430	1.0030	0.9910	1.0200	0.9440	1.0570	1.0330	1.0810	1.0060	1.0430	1.0350	1.1410	1.0330	1.0580		1.0599	MONTHLY
VOLUME	INST MIN																																	
_	>	9.0	0	0	0	0	0	0	0	0	0	9.0	0.3	0.3	0	0.1	0	0	0	0	0	0	0	-	0	0	8.0	8.0	0	0	1.6		6.10	TOTAL
DATE		11/1/2020	11/2/2020	11/3/2020	11/4/2020	11/5/2020	11/6/2020	11/7/2020	11/8/2020	11/9/2020	11/10/2020	11/11/2020	11/12/2020	11/13/2020	11/14/2020	11/15/2020	11/16/2020	11/17/2020	11/18/2020	11/19/2020	11/20/2020	11/21/2020	11/22/2020	11/23/2020	11/24/2020	11/25/2020	11/26/2020	11/27/2020	11/28/2020	11/29/2020	11/30/2020	+	1	
DAY					_	JRS						1	IRS							RS	1	SAT 1				1	KS				MON			

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
AMOUNT
1 270.0 CUBIC FEE

IN/DAY INST MIN		VOLUME OF SEWAGE TREATED ST MIN IDAILY AVG LINST MAY	TREATED	D.O.	TEMPERATURE(F)	_	됩		ರլ	SET SOLIDS (ML/L)		CBOD ₅ (MG/L)		TSS (MG/L)	TOTAL	TOTAL NITROGEN
INST MIN DAILT AVG		_	NSI MAX	99	80.0	580 EFFL	INFL	EFFL 74	INFL MAX	EFFL MAX	NFL	FF	IN IN	EFFL	INFLUENT(mg/l)	EFFLUENT(mg/l)
1.1200	1.1200				200	200	2			100			-			
1.1600	1.1600			8.6	59.0	26.0	6.9	7.0		0.1	75.7	7 3.1		154 2.4	4 32.5	330
1.0520	1.0520			8.9	29.0	26.0	7.0			0.1			L			
1.0690	1.0690			9.6	0.09	26.0	6.9	7.0		0.1						
1.2020	1.2020			8.7	29.0	58.0	6.9	7.0		0.1						
1.2080	1.2080									0.1						
1.1310	1.1310			9.6	29.0	57.0	6.9	7.0		0.1						
1.0700	1.0700			9.5	59.0	57.0	7.0			0.1						
1.0760	1.0760			8.4	29.0	56.0	6.9			0.1	74	4	2 10	108	2 32	4.70
1.0600	1.0600	_		9.1	59.0	26.0	6.9			0.1						
1.0490	1.0490			9.4	59.0	26.0	6.9	7.0		0.1						
1.0730	1.0730			9.2	29.0	57.0	7.0	7.1		0.1						
1.0620	1.0620			9.6	58.0	56.0	6.9	7.0		0.1						
1.0820	1.0820									0.1						
1.0300	1.0300			6.6	57.0	56.0	7.0	7.1		0.1						
1.0170	1.0170	L		9.1	58.0	55.0	7.0	7.1		0.1	40		2	92 3.6	.6	4.90
1.0350	1.0350			6.6	26.0	53.0	6.9	7.0		0.1						
1.0220	1.0220			6.6	56.0	54.0	6.9	7.0		0.1						
1.0980	1.0980			9.1	58.0	55.0	7.0	7.1		0.1						
0.9550	0.9550	_		6.6	58.0	26.0	6.9			0.1						
1.1040	1.1040			9.8	57.0	55.0	6.9	7.0		0.1						
1.0650	1.0650			9.4	57.0	26.0	7.0	7.2		0.1	101		2	98 2.4	4 33.7	4.20
1.0430	1.0430			9.6	59.0	57.0	7.0	7.1		0.1						
1.1600	1.1600			9.4	58.0	26.0	7.0	7.1		0.1						
1.2460	1.2460			9.6	58.0	26.0	7.0	7.1		0.1						
1.3620	1.3620			9.6	29.0	57.0	7.0	7.1		0.1						
1.0060	1.0060	$\overline{}$								0.1						
1.1120	1.1120			9.6	57.0	56.0	6.9	7.0		0.1						
1.0620	1.0620			6	57.0	55.0	7.0	7.1		0.1	62.8		2	90 2.4	4 27.2	3.10
1.1340	1.1340			9.1	57.0	55.0	7.0	7.1		0.1						
		-														
	1.1007	_		9.4	58.1	6.53	7.0	7.2	0	0.1						
IOIAL MONTHLY	MONTHLY	_	2	MONTHLY	INFL	+	MAX pH	MAX pH	MON MAX	MON MAX					TOTAL NITROGEN FWA	N FWA
_	AvG			AVG	MONIHLY AVG	Т	6.9 MIN DH	O'.							INFLUENT 39.5	EFFLUENT 328.7
						J		- L			And the second name of the second				ocoo	

GRIT REMOVAL FROM PLANT
AMOUNT
SCREENINGS REMOVAL FROM PLANT
AMOUNT
279.0 CUBIC FEE

Appendix D Sample Semi-Annual Report (Example Format)

Wastewater Treatment Plant: Review and Available Capacity Determination

SAMPLE SEMI-ANNUAL REPORT (EXAMPLE FORMAT)

Source Data: Monthly reports submitted to the NYSDEC, Division of Water titled, "Wastewater Facility Operation Report".

Semi-Annual Report on WWTP Utilization

Month, Year	Monthly Average (MGD)*

^{*}The Design Capacity is 1.8 MGD

CONTACT

Joseph M. Heaney III, P.E.
Principal-in-Charge
jheaney@walden-associates.com

Thomas T. (Ted) Nitza, Jr., P.E. VP/Senior Project Manager tnitza@walden-associates.com

Headquarters 16 Spring Street Oyster Bay, New York 11771

P: 516.624.7200 F: 516.624.3219