

DATE	Volume of Flow (ML)										Liquid Stream Quality																																											
	Influent		Effluent					pH@25°C					TSS (mg/L)					BOD <sub>5</sub> /cBOD <sub>5</sub> (mg/L)					TP (mg/L)					NH <sub>3</sub> -N (mg/L)					TKN (mg/L)					NO <sub>2</sub> -N, NO <sub>3</sub> -N (mg/L)					Chloride (mg/L)					E. coli (Counts/100 mL)						
	Peak Flow (MLD)	INFs	Non UV Disinfected		UV Disinfected			RAW	OUTFALL 30	OUTFALL 20	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	OUTFALL 10			
			MPW	EPEPS	FEC	FE	FEC																																													FE	FEC	FE
Sun-01	364.5	0.0	250.8	0.0	10.1	0.0	240.5	240.5	7.5	7.7	373	5.3	5.3	328	3.0	3.0	7.53	0.29	0.29	41.1	4.94	4.94	64.8	7.30	5.14	124	221	364.5	0.0	250.8	0.0	10.1	0.0	240.5	240.5	7.5	7.7	373	5.3	5.3	328	3.0	3.0	7.53	0.29	0.29	41.1	4.94	4.94	64.8	7.30	5.14	124	221
Average	364.7	0.0	262.9	8.4	9.7	0.0	246.7	246.7	7.5	7.8	340	4.4	4.4	333	3.2	3.2	7.54	0.26	0.26	36.6	4.66	4.66	61.7	46.5	6.84	140	144	364.7	0.0	262.9	8.4	9.7	0.0	246.7	246.7	7.5	7.8	340	4.4	4.4	333	3.2	3.2	7.54	0.26	0.26	36.6	4.66	4.66	61.7	46.5	6.84	140	144

\* Contact Laboratory for information about the quality assurance associated with the results

Enhanced Primary Treatment (EPT) Usage					
Total Bypass (hr)	EPT Usage (hr)	% Usage	Total Bypass YTD (hr)	EPT Usage YTD (hr)	% Usage YTD
41	41	100%	57	57	100%

Report Comments	
1	OUTFALL 10 - March 8: Analysis of the sample exceeded the recommended hold time for E. coli.
2	OUTFALL 10 - March 9: Analysis of the sample exceeded the recommended hold time for E. coli.
3	RAW - March 25: Analysis of the sample exceeded the recommended hold time for BOD.

AEP Ref #

- RAW Untreated influent into the plant
- INF Untreated wastewater from collection system
- INFs Influent, screened at the Headworks Diversion Structure
- PE Primary Effluent from conventional primaries
- PE 30 Primary Effluent from conventional primaries discharged via Outfall 30
- EPT Enhanced Primary Treatment
- EPE Enhanced Primary Effluent
- EPEPS Enhanced Primary Effluent Pump Station
- FE Final Effluent from secondary treatment process (with biological nutrient removal), Pre-Ultraviolet disinfection.
- FEC Combined post-UV disinfection (FE+EPEPS)
- OUTFALL 10 UV-disinfected, discharged via OUTFALL 10
- OUTFALL 20 Combined Bypass (RAW + PE + EPE)
- OUTFALL 30 Combined Bypass (INF + INFs + PE30 + EPE)
- MPW Membrane Product Water (Effluent re-use water)
- ML Megalitre (1,000,000 Litre)
- MPN Most Probable Number
- NR No Result
- NS No Sample
- INS Insufficient Sample
- AEP (onment & Parks)

*Alfredo Suarez*  
Alfredo Suarez  
Senior Manager, Operations

*Shane Harnish*  
Shane Harnish  
Senior Manager, Analytical Operations

May 05/2020