

DATE	Peak Flow (MLD)	Volume of Flow (ML)										Liquid Stream Quality																																																																																																																																															
		Influent		Effluent								pH@25°C																TSS (mg/L)																BOD ₅ /cBOD ₅ (mg/L)																TP (mg/L)																NH ₃ -N (mg/L)																TKN (mg/L)																NO ₂ +NO ₃ (mg/L)																Chloride (mg/L)																E. coli (Counts/100 mL)															
		RAW	OUTFALL 30 BYPASS	Non UV Disinfected				UV Disinfected				OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10	RAW	OUTFALL 30	OUTFALL 20	EPEPS	OUTFALL 10																																																							
				FEC	FE	FEC	FE	FEC	FE	FEC	FE																																																																																										BOD ₅	BOD ₅	BOD ₅	BOD ₅	cBOD ₅	cBOD ₅	TP	TP	TP	TP	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	TKN	TKN	TKN	TKN	NO ₂ +NO ₃	NO ₂ +NO ₃	NO ₂ +NO ₃	NO ₂ +NO ₃	Chloride	Chloride	Chloride	Chloride	E. coli	E. coli	E. coli	E. coli																									
Thu 01	344.96	245.37	0.00	10.26	0.00	0.00	235.11	235.11	7.7	---	---	---	7.5	306	---	---	---	---	4.4	4.4	245	---	---	---	3	3	10.70	---	---	---	0.90	0.90	43.8	---	---	---	2.31	2.31	67.2	---	---	---	4.19	---	---	---	10.8	81.9	---	---	---	95.6	---	---	---	20																																																																																																			
Average	363.30	245.91	0.00	9.74	0.00	0.00	236.18	236.18	7.7	---	---	---	7.5	326	---	---	---	---	3.9	3.9	307	---	---	---	3	3	8.55	---	---	---	0.30	0.30	43.8	---	---	---	2.05	2.05	65.2	---	---	---	11.0	86.5	---	---	---	91.0	---	---	---	20																																																																																																							

* contact Laboratory for information about the quality assurance associated with the result

Enhanced Primary Treatment (EPT) Usage					
Total Bypass (hrs)	EPT Usage (hrs)	% Usage	Total Bypass YTD (hrs)	EPT Usage YTD (hrs)	% Usage YTD
0	0	100%	438	438	100.00%

Report Comments

AEP Ref #

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- 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 and Pump Station
- FE Final Effluent from secondary treatment process (with biological nutrient removal), Pre-Ultraviolet disinfection.
- FEC Combined pre-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
- N No Result
- N No Sample
- IN Insufficient Sample

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* AEP - Alberta Environment & Parks