

Gold Bar Wastewater Treatment Plant Plant Performance Report December 2023

Digested Sludge Total Monthly Volume (ML) 72.7

Main data table with columns: DATE, Peak Flow (ML/D), INFLOW, EFFLUENT (New UV Disinfected, UV Disinfected, #10000°C, TSS (mg/L), BOD5(CRD) (mg/L), TP (mg/L), N5-N (mg/L), un-ionized NH3-N (mg/L), TN (mg/L), NO3-NO2 (mg/L), Chloride (mg/L), E coli (Counts/100 mL). Rows include dates from Dec 01 to Dec 31.

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

RAW Untreated Influent into the plant
INF Influent, screened at the Headworks Division Structure
PE Primary Effluent from conventional primaries
EPT Enhanced Primary Treatment
EPE Enhanced Primary Effluent
CRPES 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+PEPE)
OUTFALL 10 UV-Disinfected, discharged via OUTFALL 10
OUTFALL 20 Combined Bypass (RAW + PE30 + EPE)
OUTFALL 30 Combined Bypass (NF + NPS + PE30 + EPE)
MPW Membrane Production Water (Effluent re-use water)
ML Megalitre (1,000,000 Litres)
MPN Most Probable Number
NR No Result
NS No Sample
NIS Insufficient Sample
NEP Alberta Environment & Parks

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Enhanced Primary Treatment (EPT) Usage table with columns: Total Bypass (L), EPT Usage (hr), % Usage, Total Bypass YTD (hr), EPT Usage YTD (hr), % Usage YTD.

Report Comments section with multiple empty rows for text input.

AEP Ref # section with empty rows for reference numbers.