

Gold Bar Wastewater Treatment Plant
Plant Performance Report
May 2019

Digested Sludge: Total Monthly Volume (ML) 70.08

Main data table with columns for Volume of Flow (ML) and Liquid Stream Quality. It includes daily data from Wed-01 to Sat-18, with summary rows for Average, Minimum, Maximum, GeoMean, and TOTAL. The table tracks various parameters like pH, TSS, BOD, TP, NH3-N, TKN, NO2+NO3, Chloride, and E. coli across different treatment stages and outfalls.

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

Enhanced Primary Treatment (EPT) Usage table with columns: Total Bypass (hrs), EPT Usage (hrs), % Usage, Total Bypass YTD (hrs), EPT Usage YTD (hrs), % Usage. Values: 22, 22, 100%, 164, 164, 100%.

Report Comments table with 2 columns: Comment ID, Comment text. Entry 1: 'OUTFALL - May 07 and MAY 13: Analysis of these samples exceeded the recommended holding time for cBOD5.'

AEP** Ref # table with 2 columns: Ref #, Value. No data entries are present.

** AEP - Alberta Environment & Parks

- 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)
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
NR No Result
NS No Sample
INS Insufficient Sample

Signatures of Abhishek Bhargava and Shane Harnish with their respective titles: Senior Manager, Operations and Senior Manager, Analytical Operations.