

GOLD BAR WASTEWATER TREATMENT PLANT
PLANT PERFORMANCE REPORT
July 2015

Digested Sludge: Total Monthly Volume (ML) 56.05

Main data table with columns for Date, Volume of Flow (ML), pH@25°C, TSS (mg/L), BOD5/cBOD5 (mg/L), TP (mg/L), NH3-N (mg/L), un-ionized ammonia (mg/L), TKN (mg/L), NO2+NO3 (mg/L), Chloride (mg/L), and E. coli (Counts/100 mL). Includes summary rows for Average, Minimum, Maximum, and GeoMean.

* contact Laboratory for information about the quality assurance associated with the result
! The values in EPE (flow) column indicate wet weather events, then the OUT FAL 10 Average calculation exclude numbers for that day (grey/italics)
x - analysis performed at an ISO 17025 Accredited external laboratory.

Toxicity - Outfall 10 table with columns for Acute Toxicity (Monthly) and Chronic Toxicity (Quarterly). Rows include Daphnia LC50 (%), Rainbow Trout LC50 (%), and Microtox (% of control).

- RAW -> Plant Influent (Untreated Wastewater)
PRM -> Primary
SEC -> Secondary
EPT -> Enhanced Primary Treatment
EPEPS -> Enhanced Primary Effluent and Pump SL Membrane Product Water (Effluent re-use water)
OUT FAL 10 -> Combined, UV-disinfected (FE +EPEPS)
OUT FAL 20 -> Combined Bypass (RAW + PE + EPE)
OUT FAL 30 -> Combined Bypass (INF + INFS + PE30 + EPE)
ML -> Megalitre (1,000,000 Litre)
nr -> No Result
ns -> No Sample

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

Report Comments

AEP Ref # table with a single empty row.

Signature of Rohishak Bhargava, Senior Manager, Operations

08/28/2015

(mm/dd/yyyy)

Signature of Debra Long, Senior Manager, Analytical Operations

Debra Long, Senior Manager, Analytical Operations

(mm/dd/yyyy)