

Water Analysis

Work Days

Agricultural

Ag Suitability: pH, EC, Ca, Mg, B, Na, Cl, $\text{HCO}_3 + \text{CO}_3$, SO_4 , $\text{NO}_3\text{-N}$, SAR, SAR_{adj} , Fe, Mn and LI	5
pH Titration Curve (7.0, 6.8, 6.5, 6.0, 2.0)	5
Sheathed Bacteria	15
Residue Identification	15

Dairy Groundwater Analysis

DGW1: Dairy Groundwater: pH, EC, CO_3 , HCO_3 , SO_4 , Cl, TDS, Turbidity, $\text{NO}_3\text{-N}$, $\text{NO}_2\text{-N}$, TKN, $\text{NH}_4\text{-N}$, Total Metals: Ca, Mg, Na, K and Anion/Cation Balance	15
DGW2: Groundwater: pH, EC, CO_3 , HCO_3 , TDS, TKN, $\text{NH}_4\text{-N}$, $\text{NO}_3\text{-N}$, $\text{NO}_2\text{-N}$, Cl, SO_4 , Dissolved Metals: Ca, Mg, Na, K and Anion/Cation Balance	15

Wastewater Analysis

Wastewater General Mineral (No MBAS): Alkalinity (OH , CO_3 , HCO_3), EC, SO_4 , Cl, pH, TDS, Hardness, LI; Total Metals: P, K, Ca, Mg, Na, Fe, Mn, Cu & Zn	15
Bacteriological: Coliform & Fecal, MPN	10
Heterotrophic Plate Count (HPC)	10
Storm Water Runoff: EC, pH, TSS, Oil and Grease	12
EC, pH, TSS, TOC	15
Total Metals: Cu, Pb, Hg	15