



## WATER ANALYSIS

*Work  
Days*

*Agricultural:*

Ag Suitability: pH, EC, Cl, HCO <sub>3</sub> +CO <sub>3</sub> , SO <sub>4</sub> , NO <sub>3</sub> -N, SAR, SAR <sub>adj</sub> , LI, Dissolved: Ca, Mg, B, Na, Fe, Mn	5
pH Titration Curve (7.0, 6.8, 6.5, 6.0, 2.0)	7
Sheathed Bacteria	15
Residue Identification	15

*Wastewater Analysis:*

Wastewater General Mineral: Alkalinity (OH, CO <sub>3</sub> , HCO <sub>3</sub> ), EC, SO <sub>4</sub> , Cl, pH, TDS, Calculated Total Hardness, Corrosivity, Total: P, K, Ca, Mg, Na, Fe, Mn, Cu, Zn; No MBAS	15
Bacteriological: Coliform & Fecal, MPN	7
Heterotrophic Plant Count (HPC)	7
Storm Water Runoff: EC, pH, TSS, Oil & Grease	12
EC, pH, TSS, TOC	10
Total Metals: Cu, Pb, Hg	15

*Dairy Water Analysis:*

*Process Water Analysis:*

DPW1: EC, NO <sub>3</sub> -N, NH <sub>4</sub> -N, TKN, TDS, TP, TK	12
DPW2: DPW1 plus HCO <sub>3</sub> , CO <sub>3</sub> , Cl, SO <sub>4</sub> , Total: Ca, Mg, Na	15

*Well Water Analysis:*

DWW1: EC, NO <sub>3</sub> -N, Field NH <sub>4</sub> -N*	10
DWW2: DWW1 plus HCO <sub>3</sub> , CO <sub>3</sub> , Cl SO <sub>4</sub> , Dissolved: Ca, Mg, Na	10
*NH <sub>4</sub> -N will be run if Field NH <sub>4</sub> -N is detected	10

*Canal Water Analysis:*

DCW1: EC, NO <sub>3</sub> -N, TKN, TN, TDS	15
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