

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
Regional Board Area 3 RB3 w/GeoTracker (Ag Suit w/Homeowner1) Submitted RB3 w/GeoTracker (Ag Suit w/Homeowner1) Collected RB3 only (Ag Suit w/Homeowner1) Submitted RB3 only (Ag Suit w/Homeowner1) Collected	8 8 8 8
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
Storm Water Runoff: EC, pH, TSS, Oil & Grease EC, pH, TSS, TOC Total Metals: Cu, Pb, Hg	12 10 15
Dairy Water Analysis:	
Process Water Analysis:  DPW1: EC, pH, NO <sub>3</sub> -N, NH <sub>4</sub> -N, TKN, TDS, TP, TK  DPW2: DPW1 plus HCO <sub>3</sub> , CO <sub>3</sub> , Cl, SO <sub>4</sub> , Total: Ca, Mg, Na *NH4-N will be run if Field NH4-N is detected	12 15
<u>Well Water Analysis:</u> $DWW1: EC, pH, NO_3-N, Field NH_4-N*$ $DWW2: DWW1 plus HCO_3, CO_3, Cl SO_4, Dissolved: Ca, Mg, Na *NH_4-N will be run if Field NH_4-N is detected$	10 10 10
<u>Canal Water Analysis:</u> DCW1: EC, NO₃-N, TKN, TN, TDS	15

Bacteriology Water and Swab Analyses <u>Bacteriological - Water</u> Coliform, E. coli, P/A	<i>Method</i> SM 9223	Work Days 6	
Coliform, E. coli, P/A w/Cl <sub>2</sub> Coliform, E. coli, MPN Coliform, E. coli, MPN w/Cl <sub>2</sub>	SM 9223	6 7	
Coliform, Fecal, E. coli, MPN (1x10)		7	
Weekend (Friday): Coliform, E. coli, P/A		5	
Coliform, E. coli, MPN Coliform, Fecal, E. coli, MPN (1x10)		5 5	
E. coli 0157:H7, P/A		8	
Listeria, Genus, P/A		7	
Salmonella, P/A		7	
Bacteriology – Swab Analyses	Datu:Glas	7	
Coliform, E. coli, MPN Listeria, Genus, P/A	Petrifilm	7 7	
Salmonella, P/A		7	
E. coli, 0157:H7, P/A		7	
APC (Aerobic Plate Count)		14	
Swab Kit includes glove and treated sponge (per kit) Pack of 20 Swab Kits (per pack)			
Homeowner - Nonregulatory			
HO1: Alkalinity, EC, Ca, Cl, Fe, Mg, NO3, NO3-N, Na		6	
HO2: HO1 plus TDS <sub>est</sub> , K, Cu, Zn		10	
General Mineral: Alkalinity (OH, CO <sub>3</sub> , HCO <sub>3</sub> ), EC, SO <sub>4</sub> , Cl, pH,		10	
MBAS, TDS, Calculated Total Hardness, Corrosivity,			
Dissolved: Ca, Mg, Na, Fe, Mn, Cu, Zn			
<u>General Physical</u> : Color, Odor, Turbidity		3	
<u>Copper and Lead</u> (First-draw)		15	
Inorganic Chemical Scan I: Al, Sb, As, Ba, Be, Cd, Cr, F, Pb, Hg, Ni, NO <sub>2</sub> -N, Se, Ag, Tl	NO <sub>3</sub> ,	20	
Inorganic Chemical Scan II: Inorganic Chemical Scan I plus Cyanide		20	
<u>Radioactivity</u>			
Gross Alpha		14	
Uranium		1.4	14
Total Radium 223, 224, 226 Radium 226		14 28	
Radium 228		28	
Synthetic Organic Chemicals			
Organic EPA 504: Ethylene dibromide (EDB), Dibromochloro			10
Organic EPA 507: Alachlor, Atrazine, Molinate, Simazi			15
Organic EPA 508: Endrin, Lindane, Methoxychlor, Toxaph Heptachlor, Heptachlor epoxide	ene, Chiordane,		15
Organic EPA 515: Bentazon; 2,4-D; 2,4,5-TP			15
	ncludes EPA 507		15
Organic EPA 531: Carbofuran			10
Organic EPA 547:	Glyphosate		15
Organic EPA 548:	Endothall		15
Organic EPA 549:	Diquat		15
<u>Volatile Organic</u>			
EPA 524 Regulated & Unregulated			15
Partial List: 1,1,1-Trichloroethane; Trichloroethylene; 1,1-Dich			
Benzene; Xylenes; Monochlorobenzene; Ethylbenzene; 1,3-Dio			
1,1,2,2-Tetrachloroethane; Tetrachloroethylene; 1,2-Dichloroechloride; Carbon tetrachloride; 1,4-Dichlorobenzene; 1,1,2-Tri			
Cis-1,2-Dichloroethylene; Trans-1,2-Dichloroethylene: 1,1-Dichloroethylene			
1,2-Dichloropropane; Trichlorofluoromethane (Freon 11);	and occitatio,		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)			

Individual Water Analysis:	INDIVIDUAL WATER ANALYSIS	Work Method Days	
Alkalinity (as CaČO <sub>3</sub> ) Alkaminum (AI) Asbestos Arsenic (As) Barium (Ba) Barium (Ba) Beryllium (Be) Beryllium (Be) Beryllium (Be) Brom (Br) Bromate (BrO <sub>3</sub> ) Bromate (BrO <sub>3</sub> ) Bromate (BrO <sub>3</sub> ) Bromate (BrO <sub>3</sub> ) Bromide Cadmium (Cd) Calcium (Ca) Carbon, Total Organic (Non Purgeable Organic Carbon) EPA 415.1  Carbon, Total Organic (Non Purgeable Organic Carbon) EPA 415.1  Carbon, Total (1 ppb) FPA 200.7  SM 3120-8/EPA 200.7  SM 3120-8/EPA 200.7  SM 2320-B  SM 2320-B  SM 2320-B  SM 2120-B  SM 2320-B  SM 2320-B  SM 2120-B  SM 2340-B  SM	<u>Individual Water Analysis:</u>	•	
Aluminum (Al) Asbestos Asbestos Asperto (As) Barium (Ba) Barium (Ba) Barium (Ba) Barium (Ba) Barium (Ba) Barium (Ba) Boron (B) Boron (B) Bromate (BrO <sub>3</sub> ) Bromate (Broon	Acidity (as CaCO <sub>3</sub> )	SM 2310-B 5	
Asbestos	Alkalinity (as CaCO <sub>3</sub> )	SM 2320-B/EPA 310.1 5	
Asbestos	Aluminum (Al)	SM 3120-B/EPA 200.7 5	
Barium (Ba)   SM 3120-B/EPA 200.7   5   Beryllium (Be)   SM 3120-B/EPA 200.7   5   Boron (B)   SM 3120-B/EPA 200.7   5   Boron (B)   SM 3120-B/EPA 200.7   5   Bromate (BrO <sub>3</sub> )   10   EPA 300.1   10   Cadmium (Cd)   SM 3120-B/EPA 200.7   5   Carbonnet and Bicarbonate (CO <sub>3</sub> and HCO <sub>3</sub> )   SM 3120-B/EPA 200.7   5   Carbonnet and Bicarbonate (CO <sub>3</sub> and HCO <sub>3</sub> )   SM 3120-B/EPA 200.7   5   Carbonnet and Bicarbonate (CO <sub>3</sub> and HCO <sub>3</sub> )   SM 4500-Cl B/EPA 300.0   5   Chloride (Cl)   SM 4500-Cl B/EPA 300.0   5   EPA 415.1   6   SM 3120-B/EPA 200.7   5   EPA 200.8   15   EPA 200.8   10   EPA 300.0   5   EPA 300.0	Asbestos		
Barium (Ba)   SM 3120-B/EPA 200.7   5   Beryllium (Be)   SM 3120-B/EPA 200.7   5   Boron (B)   SM 3120-B/EPA 200.7   5   Boron (B)   SM 3120-B/EPA 200.7   5   Bromate (BrO <sub>3</sub> )   10   EPA 300.1   10   Cadmium (Cd)   SM 3120-B/EPA 200.7   5   Carbonnet and Bicarbonate (CO <sub>3</sub> and HCO <sub>3</sub> )   SM 3120-B/EPA 200.7   5   Carbonnet and Bicarbonate (CO <sub>3</sub> and HCO <sub>3</sub> )   SM 3120-B/EPA 200.7   5   Carbonnet and Bicarbonate (CO <sub>3</sub> and HCO <sub>3</sub> )   SM 4500-Cl B/EPA 300.0   5   Chloride (Cl)   SM 4500-Cl B/EPA 300.0   5   EPA 415.1   6   SM 3120-B/EPA 200.7   5   EPA 200.8   15   EPA 200.8   10   EPA 300.0   5   EPA 300.0	Arsenic (As)	EPA 200.8 15	
Beryllium (Be)		SM 3120-B/EPA 200.7 5	
Boron (B)         SM 3120-B/EPA 200.7         5           Bromate (BrO <sub>3</sub> )         10         10           Bromide         EPA 300.1         10           Cadmium (Cd)         SM 3120-B/EPA 200.7         5           Carbon, Total Organic (Non Purgeable Organic Carbon)         EPA 415.1         6           Carbonate and Bicarbonate (CO <sub>3</sub> and HCO <sub>3</sub> )         SM 2320-B         5           Chloride (Cl)         SM 2320-B         5           Chloride (Cl)         SM 3120-B/EPA 200.7         5           Choride (Cl)         SM 3120-B/EPA 200.7         5           FPA 200.8         15         EPA 218.6         15           FPA 200.8         15         EPA 200.8         15           EPA 200.8         10         EPA 200.7         5           DBCP         EPA 300.0         5         5           Electrical Conductivity (EC), Specific Conductance         SM 2510-B         4         4           Fluoride (F) (Wastewater)         EPA 300.0         5         5         5           Hardness (Calculation from Ca+Mg)         SM 230-B         5         5         5         10         10         10         10         10         10         10         10         10         10 <td></td> <td></td> <td></td>			
Bromate (BrO₃) Bromide Cadmium (Cd) Calcium (Cd) Calcium (Cd) Calcium (Ca) Carbonn, Total Organic (Non Purgeable Organic Carbon) Carbon, Total (Cl) Chromium (Cr), Total SM 4500-Cl B/EPA 300.0 5 Chloride (Cl) Chromium (Cr), Total Hexavalent (Cr VI) FPA 218.6 15 Color SM 3120-B/EPA 200.7 5 EPA 200.8 15 EPA 200.8 15 EPA 200.8 15 EPA 200.7 5 EPA 504 10 EPA 300.0 5 EPA 504 10 EPA 300.0 5 EPA 504 10 EPA 300.0 5 Iron (Fe) EPA 300.0 5 Iron (Fe) SM 3120-B/EPA 200.7 5 Iron (Fe) EPA 500/EPA 504 15 Magnesium (Mg) SM 3120-B/EPA 200.7 5 Manganese (Mn) SM 3120-B/EPA 200.7 5 Mercury (Hg) EPA 502/EPA 504 15 Manganese (Mn) SM 3120-B/EPA 200.7 5 Mercury (Hg) EPA 502/EPA 200.7 5 Mercury (Hg) SM 3120-B/EPA 200.7 5 Mercury (Hg) SM		•	
Bromide		·	
Cadmium (Cd)         SM 3120-B/EPA 200.7         5           Calcium (Ca)         SM 3120-B/EPA 200.7         5           Carbon, Total Organic (Non Purgeable Organic Carbon)         EPA 415.1         6           Carbonate and Bicarbonate (CO <sub>3</sub> and HCO <sub>3</sub> )         SM 2320-B         5           Chloride (CI)         SM 4500-CI B/EPA 300.0         5           Chromium (Cr), Total         SM 3120-B/EPA 200.7         5           Total (1 ppb)         EPA 208.8         15           Hexavalent (Cr VI)         EPA 208.8         15           Copper (Cu), Domestic         SM 3120-B/EPA 200.7         5           DBCP         EPA 504         10           Electrical Conductivity (EC), Specific Conductance         SM 2510-B         4           Fluoride (F) (Wastewater)         EPA 300.0         5           Hardness (Calculation from Ca+Mg)         SM 2340-B         5           Haloacetic Acids (HAAs)         SM6250         5           Iron (Fe)         SM 3120-B/EPA 200.7         5           Lead (Pb)         EPA 200.8         15           Manganesium (Mg)         SM 3120-B/EPA 200.7         5           Manganese (Mn)         SM 3120-B/EPA 200.7         5           Mickel (Ni)         SM 3120-B/EPA 200.7	` '		
Calcium (Ca)   Carbon, Total Organic (Non Purgeable Organic Carbon)   EPA 415.1   6   SM 2320-B   5   SM 4500-CI B/FPA 300.0   5   SM 4500-NH <sub>3</sub> C   SM 45			
Carbon, Total Organic (Non Purgeable Organic Carbon)         EPA 415.1         6           Carbonate and Bicarbonate (CO <sub>3</sub> and HCO <sub>3</sub> )         SM 2320-B         5           Chloride (CI)         SM 4500-C1 B/EPA 300.0         5           Chromium (Cr), Total         SM 3120-B/EPA 200.7         5           Total (1 ppb)         EPA 2018.6         15           Hexavalent (Cr VI)         EPA 218.6         15           Copper (Cu), Domestic         SM 3120-B/EPA 200.7         5           DBCP         EPA 504         10           Electrical Conductivity (EC), Specific Conductance         SM 2510-B         4           Fluoride (F) (Wastewater)         EPA 300.0         5           Hardness (Calculation from Ca+Mg)         SM 2340-B         5           Hardness (Calculation from Ca+Mg)         SM 3120-B/EPA 200.7         5           Iron (Fe)         SM 3120-B/EPA 200.7         5           Lead (Pb)         EPA 502/EPA 524         15           Magnesium (Mg)         SM 3120-B/EPA 200.7         5           Manganese (Mn)         SM 3120-B/EPA 200.7         5           Mercury (Hg)         EPA 7470 or 7471         15           Molybdenum (Mo)         SM 3120-B/EPA 200.7         5           Nikreigen (Ambreigen)			
Carbonate and Bicarbonate (CO <sub>3</sub> and HCO <sub>3</sub> )         SM 2320-B         5           Chloride (CI)         SM 4500-CI B/EPA 300.0         5           Chromium (Cr), Total         SM 3120-B/EPA 200.7         5           Total (1 ppb)         EPA 200.8         15           EPA 218.6         15         EPA 218.6         15           Copper (Cu), Domestic         SM 3120-B/EPA 200.7         5           DBCP         EPA 504         10         10           Electrical Conductivity (EC), Specific Conductance         SM 2510-B         4         4         EPA 300.0         5           Hardness (Calculation from Ca+Mg)         SM 2340-B         5         SM 2340-B         5         FM 2400-B         8         FM 2400-B         5<		· · · · · · · · · · · · · · · · · · ·	
Chloride (CI) Chromium (Cr), Total Total (1 ppb) Hexavalent (Cr VI)  Color SM 3120-B/EPA 200.7  EPA 218.6  EPA 200.8  SM 2120-B  SM 2120-B  EPA 200.7  EPA 504  EPA 300.0  EPA 314.0  EPA 314.0  EPA 314.0  EPA 300.0  EPA 300.0  EPA 300.0  EPA 314.0  EPA 314.0  EPA 300.0  EPA 300.0  EPA 300.0  EPA 300.0  EPA 314.0  EPA 300.0  EPA 300.0  EPA 300.0  EPA 300.0  EPA 314.0  EPA 314.0  EPA 300.0  EPA 314.0  EPA 300.0  EPA 300.0  EPA 314.0  EPA 300.0  EPA 314.0  EPA 300.0  EPA 314.0  EPA 300.0  EPA 300.0  EPA 300.0  EPA 300.0  EPA 300.0  EPA 314.0  EPA 300.0  EPA 3			
Chromium (Cr), Total 1 ppb)         SM 3120-B/EPA 200.7         5           Total (1 ppb)         EPA 200.8         15           Color         SM 2120-B         3           Copper (Cu), Domestic DBCP         SM 3120-B/EPA 200.7         5           DBCP         EPA 504         10           Electrical Conductivity (EC), Specific Conductance Fluoride (F) (Wastewater)         EPA 300.0         5           Hardness (Calculation from Ca+Mg)         SM 2310-B         5           Hardness (Calculation from Ca+Mg)         SM 320-B/EPA 200.7         5           Lead (Pb)         FPA 200.8         15           Iron (Fe)         SM 3120-B/EPA 200.7         5           Lead (Pb)         EPA 502/EPA 524         15           Manganesium (Mg)         SM 3120-B/EPA 200.7         5           Manganese (Mn)         SM 3120-B/EPA 200.7         5           Manganese (Mn)         SM 3120-B/EPA 200.7         5           Mercury (Hg)         EPA 7470 or 7471         15           Molybdenum (Mo)         SM 3120-B/EPA 200.7         5           Nickel (Ni)         SM 3120-B/EPA 200.7         5           Nitrote (NO <sub>3</sub> -N) (salce: pH, FieldTemp)         SM 4500-NO <sub>2</sub> B/EPA 300.0         5           Organic (Org N) (TKN + NH <sub>4</sub> -N)			
Total (1 ppb)		·	
Hexavalent (Cr VI)		•	
Color         SM 2120-B         3           Copper (Cu), Domestic         SM 3120-B/EPA 200.7         5           DBCP         EPA 504         10           Electrical Conductivity (EC), Specific Conductance         EPA 504         10           Fluoride (F) (Wastewater)         EPA 300.0         5           Hardness (Calculation from Ca+Mg)         SM 2340-B         5           Haloacetic Acids (HAAs)         SM 2340-B         5           Iron (Fe)         SM 3120-B/EPA 200.7         5           Lead (Pb)         EPA 200.8         15           MTBE         EPA 502/EPA 524         15           Magnesium (Mg)         SM 3120-B/EPA 200.7         5           Mercury (Hg)         SM 3120-B/EPA 200.7         5           Mercury (Hg)         EPA 7470 or 7471         15           Molybdenum (Mo)         SM 3120-B/EPA 200.7         5           Nickel (Ni)         SM 3120-B/EPA 200.7         5           Nickel (Ni)         SM 4500-NBy H         10           Un-i-onized (NH3-N)         SM 4500-NBy H         10           Nitrate (NO2-N)         SM 4500-NBy B         1           Nitrite (NO2-N)         SM 4500-NBy B         1           Nitrite (NO2-N)         SM 4500-NBy B<			
Copper (Cu), Domestic DBCP         SM 3120-B/EPA 200.7         5           Electrical Conductivity (EC), Specific Conductance         SM 2510-B         4           Fluoride (F) (Wastewater)         EPA 300.0         5           Hardness (Calculation from Ca+Mg)         SM 2340-B         5           Haloacetic Acids (HAA <sub>5</sub> )         SM 6250         5           Iron (Fe)         SM 3120-B/EPA 200.7         5           Lead (Pb)         EPA 502/EPA 524         15           MTBE         EPA 502/EPA 524         15           Magnesium (Mg)         SM 3120-B/EPA 200.7         5           Mercury (Hg)         SM 3120-B/EPA 200.7         5           Mercury (Hg)         SM 3120-B/EPA 200.7         5           Molybdenum (Mo)         SM 3120-B/EPA 200.7         5           Nickel (Ni)         SM 3120-B/EPA 200.7         5           Nitrogen: Ammonia (NH <sub>4</sub> -N)         SM 3120-B/EPA 200.7         5           Nitrite (NO <sub>3</sub> -N)         SM 4500-NO <sub>2</sub> B/EPA 200.7         5           Nitrite (NO <sub>3</sub> -N)         SM 4500-NO <sub>3</sub> F         5           Nitrite (NO <sub>3</sub> -N)         SM 4500-NO <sub>2</sub> B/EPA 300.0         5           Organic (Org N) (TKN + NH <sub>4</sub> -N)         calc         10           Kjeldahl (TKN)         SM 4500-ND <sub>3</sub>			3
DBCP			3
Electrical Conductivity (EC), Specific Conductance   SM 2510-B   4   Fluoride (F) (Wastewater)   EPA 300.0   5			
Fluoride (F) (Wastewater)			
Hardness (Calculation from Ca+Mg) Haloacetic Acids (HAAs) SM6250 5 Iron (Fe) Lead (Pb) SM 3120-B/EPA 200.7 Lead (Pb) BPA 200.8 SM 3120-B/EPA 524 SPA 502/EPA 524 SM 3120-B/EPA 200.7 SM 4500-NH₃ H SM 4500-NH₃ H SM 4500-NH₃ H SM 4500-NO₃ F SM 4500-NO₃ F SM 4500-NO₂ B/EPA 300.0 SM 4500-NO₂ B/EPA 300.0 SM 4500-NO₂ B/EPA 300.0 SM 4500-NH₃ C SM			
Haloacetic Acids (HAAs)   SM6250   5     Iron (Fe)   SM 3120-B/EPA 200.7   5     Lead (Pb)   EPA 200.8   15     MTBE   EPA 502/EPA 524   15     Magnesium (Mg)   SM 3120-B/EPA 200.7   5     Manganese (Mn)   SM 3120-B/EPA 200.7   5     Mercury (Hg)   EPA 7470 or 7471   15     Molybdenum (Mo)   SM 3120-B/EPA 200.7   5     Mitrogen: Ammonia (NH4-N)   SM 3120-B/EPA 200.7   5     Nitrogen: Ammonia (NH3-N) (calc: pH, FieldTemp)   Calc   10     Nitrate (NO3-N)   SM 4500-NO3 F   5     Nitrite (NO2-N)   SM 4500-NO3 F   5     Nitrite (NO2-N)   SM 4500-NO2 B/EPA 300.0   5     Organic (Org N) (TKN + NH4-N)   Calc   10     Kjeldahl (TKN)   SM 4500-NH3 C   10     Total N (NO3-N + TKN)   Calc   10     Odor, Threshold   SM 2150-B   3     Oil & Grease   EPA 1664   10     Oxygen, Dissolved (DO)   SM 4500-O B   10     Oxygen Demand, Biochemical (BOD5)   SM 5210-B   7     Soluble   SM 5210-B   7     Oxygen Demand, Chemical (COD)   SM 5200-C   7     PH value   SM 4500-H B   4     Perchlorate   EPA 314.0   12     Phosphorus: Ortho (PO4-P)   EPA 300.0   5     Total (%P, digested)   SM 4500P-F   7			
Iron (Fe)		SIM 2340-D 3	
Lead (Pb)       EPA 200.8       15         MTBE       EPA 502/EPA 524       15         Magnesium (Mg)       SM 3120-B/EPA 200.7       5         Manganese (Mn)       SM 3120-B/EPA 200.7       5         Mercury (Hg)       EPA 7470 or 7471       15         Molybdenum (Mo)       SM 3120-B/EPA 200.7       5         Nickel (Ni)       SM 3120-B/EPA 200.7       5         Nitrogen: Ammonia (NH4-N)       SM 4500-NH2 H       10         Un-ionized (NH3-N) (calc: pH, FieldTemp)       SM 4500-NH3 H       10         Nitrate (NO3-N)       SM 4500-NO3 F       5         Nitrite (NO2-N)       SM 4500-NO2 B/EPA 300.0 5       5         Organic (Org N) (TKN + NH4-N)       calc       10         Kjeldahl (TKN)       SM 4500-NH3 C       10         Total N (NO3-N + TKN)       SM 4500-NH3 C       10         Odor, Threshold       SM 2150-B       3         Oil & Grease       EPA 1664       10         Oxygen, Dissolved (DO)       SM 4500-O B       10         Oxygen, Demand, Biochemical (BOD5)       SM 5210-B       7         Soluble       SM 5210-B       7         Oxygen Demand, Chemical (COD)       SM 520-C       7         PH value			
MTBE         EPA 502/EPA 524         15           Magnesium (Mg)         SM 3120-B/EPA 200.7         5           Manganese (Mn)         SM 3120-B/EPA 200.7         5           Mercury (Hg)         EPA 7470 or 7471         15           Molybdenum (Mo)         SM 3120-B/EPA 200.7         5           Nickel (Ni)         SM 3120-B/EPA 200.7         5           Nickel (Ni)         SM 3120-B/EPA 200.7         5           Nitrogen: Ammonia (NH <sub>4</sub> -N)         SM 4500-NH <sub>3</sub> H         10           Un-ionized (NH <sub>3</sub> -N) (calc: pH, FieldTemp)         calc         10           Nitrate (NO <sub>2</sub> -N)         SM 4500-NO <sub>2</sub> B/EPA 300.0         5           Nitrite (NO <sub>2</sub> -N)         SM 4500-NO <sub>2</sub> B/EPA 300.0         5           Organic (Org N) (TKN + NH <sub>4</sub> -N)         calc         10           Kjeldahl (TKN)         SM 4500-NH <sub>3</sub> C         10           Total N (NO <sub>3</sub> -N + TKN)         calc         10           Odor, Threshold         SM 2150-B         3           Oil & Grease         EPA 1664         10           Oxygen, Dissolved (DO)         SM 4500-O B         10           Oxygen Demand, Biochemical (BOD <sub>5</sub> )         SM 5210-B         7           Soluble         SM 5210-B         7           O		•	
Magnesium (Mg)       SM 3120-B/EPA 200.7       5         Manganese (Mn)       SM 3120-B/EPA 200.7       5         Mercury (Hg)       EPA 7470 or 7471       15         Molybdenum (Mo)       SM 3120-B/EPA 200.7       5         Nickel (Ni)       SM 3120-B/EPA 200.7       5         Nitrogen: Ammonia (NH <sub>4</sub> -N)       SM 4500-NH <sub>3</sub> H       10         Un-ionized (NH <sub>3</sub> -N) (calc: pH, FieldTemp)       Calc       10         Nitrate (NO <sub>3</sub> -N)       SM 4500-NO <sub>3</sub> F       5         Nitrite (NO <sub>2</sub> -N)       SM 4500-NO <sub>2</sub> B/EPA 300.0       5         Organic (Org N) (TKN + NH <sub>4</sub> -N)       Calc       10         Kjeldahl (TKN)       SM 4500-NO <sub>3</sub> C       10         Total N (NO <sub>3</sub> -N + TKN)       Calc       10         Odor, Threshold       SM 2150-B       3         Oil & Grease       EPA 1664       10         Oxygen, Dissolved (DO)       SM 4500-O B       10         Oxygen Demand, Biochemical (BOD <sub>5</sub> )       SM 5210-B       7         Soluble       SM 5210-B       7         Oxygen Demand, Chemical (COD)       SM 5220-C       7         PH value       SM 4500-H B       4         Perchlorate       EPA 314.0       12         Phosphorus: Ortho (PO			
Manganese (Mn)       SM 3120-B/EPA 200.7       5         Mercury (Hg)       EPA 7470 or 7471       15         Molybdenum (Mo)       SM 3120-B/EPA 200.7       5         Nickel (Ni)       SM 3120-B/EPA 200.7       5         Nitrogen: Ammonia (NH4-N)       SM 4500-NH3 H       10         Un-ionized (NH3-N) (calc: pH, FieldTemp)       SM 4500-NO3 F       5         Nitrite (NO2-N)       SM 4500-NO2 B/EPA 300.0       5         Organic (Org N) (TKN + NH4-N)       calc       10         Kjeldahl (TKN)       SM 4500-NH3 C       10         Total N (NO3-N + TKN)       calc       10         Odor, Threshold       SM 2150-B       3         Oil & Grease       EPA 1664       10         Oxygen, Dissolved (DO)       SM 4500-O B       10         Oxygen Demand, Biochemical (BOD5)       SM 5210-B       7         Soluble       SM 5210-B       7         Oxygen Demand, Chemical (COD)       SM 5220-C       7         PH value       SM 4500-H B       4         Perchlorate       EPA 314.0       12         Phosphorus: Ortho (PO4-P)       EPA 300.0       5         Total (%P, digested)       SM 4500P-F       7		•	
Mercury (Hg)       EPA 7470 or 7471       15         Molybdenum (Mo)       SM 3120-B/EPA 200.7       5         Nickel (Ni)       SM 3120-B/EPA 200.7       5         Nitrogen: Ammonia (NH4-N)       SM 4500-NH3 H       10         Un-ionized (NH3-N) (calc: pH, FieldTemp)       calc       10         Nitrate (NO3-N)       SM 4500-NO3 F       5         Nitrite (NO2-N)       SM 4500-NO2 B/EPA 300.0       5         Organic (Org N) (TKN + NH4-N)       calc       10         Kjeldahl (TKN)       SM 4500-NH3 C       10         Total N (NO3-N + TKN)       calc       10         Odor, Threshold       SM 2150-B       3         Oil & Grease       EPA 1664       10         Oxygen, Dissolved (DO)       SM 4500-O B       10         Oxygen Demand, Biochemical (BOD5)       SM 5210-B       7         Soluble       SM 5210-B       7         Oxygen Demand, Chemical (COD)       SM 5220-C       7         pH value       SM 4500-H B       4         Perchlorate       EPA 314.0       12         Phosphorus: Ortho (PO4-P)       EPA 300.0       5         Total (%P, digested)       SM 4500P-F       7			
Molybdenum (Mo)       SM 3120-B/EPA 200.7       5         Nickel (Ni)       SM 3120-B/EPA 200.7       5         Nitrogen: Ammonia (NH₄-N)       SM 4500-NH₃ H       10         Un-ionized (NH₃-N) (calc: pH, FieldTemp)       calc       10         Nitrate (NO₃-N)       SM 4500-NO₃ F       5         Nitrite (NO₂-N)       SM 4500-NO₂ B/EPA 300.0       5         Organic (Org N) (TKN + NH₄-N)       calc       10         Kjeldahl (TKN)       SM 4500-NH₃ C       10         Total N (NO₃-N + TKN)       calc       10         Odor, Threshold       SM 2150-B       3         Oil & Grease       EPA 1664       10         Oxygen, Dissolved (DO)       SM 4500-O B       10         Oxygen Demand, Biochemical (BOD₅)       SM 5210-B       7         Soluble       SM 5210-B       7         Oxygen Demand, Chemical (COD)       SM 5220-C       7         pH value       SM 4500-H B       4         Perchlorate       EPA 314.0       12         Phosphorus: Ortho (PO₄-P)       EPA 300.0       5         Total (%P, digested)       SM 4500P-F       7			
Nickel (Ni)       SM 3120-B/EPA 200.7       5         Nitrogen: Ammonia (NH₄-N)       SM 4500-NH₃ H       10         Un-ionized (NH₃-N) (calc: pH, FieldTemp)       calc       10         Nitrate (NO₃-N)       SM 4500-NO₃ F       5         Nitrite (NO₂-N)       SM 4500-NO₂ B/EPA 300.0 5       5         Organic (Org N) (TKN + NH₄-N)       calc       10         Kjeldahl (TKN)       SM 4500-NH₃ C       10         Total N (NO₃-N + TKN)       calc       10         Odor, Threshold       SM 2150-B       3         Oil & Grease       EPA 1664       10         Oxygen, Dissolved (DO)       SM 4500-O B       10         Oxygen Demand, Biochemical (BOD₅)       SM 5210-B       7         Soluble       SM 5210-B       7         Oxygen Demand, Chemical (COD)       SM 5220-C       7         PH value       SM 4500-H B       4         Perchlorate       EPA 314.0       12         Phosphorus: Ortho (PO₄-P)       EPA 300.0       5         Total (%P, digested)       SM 4500P-F       7			
Nitrogen: Ammonia (NH <sub>4</sub> -N)  Un-ionized (NH <sub>3</sub> -N) (calc: pH, FieldTemp)  Nitrate (NO <sub>3</sub> -N)  Nitrite (NO <sub>2</sub> -N)  Organic (Org N) (TKN + NH <sub>4</sub> -N)  Kjeldahl (TKN)  Total N (NO <sub>3</sub> -N + TKN)  Odor, Threshold  Oxygen, Dissolved (DO)  Oxygen Demand, Biochemical (BOD <sub>5</sub> )  Soluble  Oxygen Demand, Chemical (COD)  Perchlorate  Phosphorus: Ortho (PO <sub>4</sub> -P)  Total (%P, digested)  SM 4500-NH <sub>3</sub> H 10  SM 4500-NO <sub>2</sub> B/EPA 300.0 5			
Un-ionized (NH <sub>3</sub> -N) (calc: pH, FieldTemp)  Nitrate (NO <sub>3</sub> -N)  Nitrite (NO <sub>2</sub> -N)  Organic (Org N) (TKN + NH <sub>4</sub> -N)  Kjeldahl (TKN)  Total N (NO <sub>3</sub> -N + TKN)  Odor, Threshold  Oxygen, Dissolved (DO)  Oxygen Demand, Biochemical (BOD <sub>5</sub> )  Soluble  Oxygen Demand, Chemical (COD)  Perchlorate  Phosphorus: Ortho (PO <sub>4</sub> -P)  Total (%P, digested)  SM 4500-NO <sub>2</sub> B/EPA 300.0 5  SM 4500-NO <sub>2</sub> B/EPA 300.0 5  SM 4500-NO <sub>3</sub> F  SM 4500-NO <sub>2</sub> B/EPA 300.0 5  SM 4500-NO <sub>3</sub> F  SM 450		·	
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Organic (Org N) (TKN + NH4-N)       calc       10         Kjeldahl (TKN)       SM 4500-NH3 C       10         Total N (NO3-N + TKN)       calc       10         Odor, Threshold       SM 2150-B       3         Oil & Grease       EPA 1664       10         Oxygen, Dissolved (DO)       SM 4500-O B       10         Oxygen Demand, Biochemical (BOD5)       SM 5210-B       7         Soluble       SM 5210-B       7         Oxygen Demand, Chemical (COD)       SM 5220-C       7         pH value       SM 4500-H B       4         Perchlorate       EPA 314.0       12         Phosphorus: Ortho (PO4-P)       EPA 300.0       5         Total (%P, digested)       SM 4500P-F       7			
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Oxygen Demand, Biochemical (BOD $_5$ ) SM 5210-B 7 Soluble SM 5210-B 7 Oxygen Demand, Chemical (COD) SM 5220-C 7 PH value SM 4500-H B 4 Perchlorate EPA 314.0 12 Phosphorus: Ortho (PO $_4$ -P) EPA 300.0 5 Total (%P, digested) SM 4500P-F 7			
Soluble       SM 5210-B       7         Oxygen Demand, Chemical (COD)       SM 5220-C       7         pH value       SM 4500-H B       4         Perchlorate       EPA 314.0       12         Phosphorus: Ortho (PO <sub>4</sub> -P)       EPA 300.0       5         Total (%P, digested)       SM 4500P-F       7			
Oxygen Demand, Chemical (COD) SM 5220-C 7 SM 4500-H B 4 Perchlorate EPA 314.0 12 Phosphorus: Ortho (PO $_4$ -P) EPA 300.0 5 Total (%P, digested) SM 4500P-F 7			
pH value			
Perchlorate EPA 314.0 12 Phosphorus: Ortho (PO <sub>4</sub> -P) EPA 300.0 5 Total (%P, digested) SM 4500P-F 7			
Phosphorus: Ortho (PO <sub>4</sub> -P) EPA 300.0 5 Total (%P, digested) SM 4500P-F 7			4
Total (%P, digested) SM 4500P-F 7			
Potassium (K) SM 3120-B/EPA 200.7 5			
	Potassium (K)	SM 3120-B/EPA 200.7 5	

INDIVIDUAL WATER ANALYSIS (continued)  Individual Water Analysis (continued):	Method	Work Days
Residue: Identification		15
Selenium (Se)	EPA 200.8	15
Sheathed Bacteria		15
Silica (Total) (SIO <sub>2</sub> )	SM 3120-B/EPA 200.7	5
Silver (Ag)	SM 3120-B/EPA 200.7	5
Sodium (Na)	SM 3120-B/EPA 200.7	5
Solids: Total (Total Solids)	SM 2540-B	7
Total Filterable (Total Dissolved Solids)	SM 2540-C	7
Volatile Dissolved Solids (VDS)	SM 2540-E	9
Fixed Dissolved Solids (FDS)	SM 2540-E	9
Total Nonfilterable (Total Suspended Solids)	SM 2540-D	7
Settleable Matter (Settleable Solids)	SM 2540-F	5
Sulfate (SO <sub>4</sub> )	EPA 300.0	5
Sulfur (S)	SM 3120-B/EPA 200.7	5
Surfactants (MBAS)	SM 5540-C	5
Thallium (TI)	EPA 200.8	15
Trihalometehanes, Total (TTHM)	EPA551	10
Turbidity	SM 2130-B	3
Vanadium (V)	EPA 200.8	15
Zinc (Zn)	SM 3120-B/EPA 200.7	5