

**MONTEREY COUNTY WATER RECYCLING PROJECTS
MONITORING PROGRAM 2011**

CONSTITUENTS	TERTIARY PLANT		SALINAS RIVER DIVERSION FACILITY			DISTRIBUTION SYSTEM		Soil Salt Monitoring	
	Recycled Water	Storage Pond Outlet	River Impoundment	Screened River Water	Disinfected River Water	Supplemental Wells (sample 16 yearly & 5-13 monthly)	Monitoring Station A1	7 Sites (6 Test, 1 Control)	
								Irrigation Water Recycle & Well Water	Soil 1" – 12" 12" – 24" 24" – 36"
Metals (As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Se, Ag, Zn)	--	Annually	--	--	--	--	--	--	--
Organics (Toxics – Volatile & Semi-Volatile, Pesticides, Inorganics)	--	Annually	--	--	--	--	--	--	--
Agronomic (B, Ca, Mg, K, Na, SO ₄ , Alkalinity, Cl, SAR, ESP, SAR _a , HCO ₃ , CO ₃ , Hardness, NO ₃ , NO ₂ , NH ₃ , O.PO ₄)	Monthly	Monthly	--	--	Monthly	Yearly	--	3/yr	3/yr
TDS (Total Dissolved Solids)	Weekly	--	--	--	Monthly	Yearly	--	--	--
Specific Conductance	Daily	Daily	*Continuous	--	Daily	Yearly	Continuous	Continuous	--
Oxygen	--	--	*Continuous	--	--	--	--	--	--
Temperature	--	--	*Continuous	--	--	--	--	--	--
pH	Daily	Daily	--	--	Daily	Yearly	Weekly	Weekly	--
Total Suspended Solids	Daily	--	--	--	Weekly	--	--	--	--
Turbidity	Continuous	Daily	*Continuous	--	Daily	--	Weekly	--	--
Settleable Solids	Daily	Weekly	--	--	Weekly	--	--	--	--
BOD	Weekly	--	--	--	--	--	--	--	--
Chlorine Residual	Continuous	Continuous	--	--	Continuous	--	Continuous	--	--
Total Coliform	Daily	Daily	--	Daily/Drop 7/1	Daily	Monthly	Daily	--	--
Fecal Coliform	Daily	Daily	--	Daily/Drop 7/1	Daily	--	Daily	--	--
Generic E. coli	Daily	Daily	--	Daily/Drop 7/1	Daily	Monthly	Daily	--	--
Total and Fecal Coliform (County Health)	Bi-Weekly	Bi-Weekly	--	--	--	--	--	--	--
Parasites (Cyclospora, Helminth (Ascaris), E.Coli 0157H7, Legionella, Shigella, Giardia, Cryptosporidium, Salmonella) and viruses	--	4/Yr	--	--	Monthly/3/yr starting 7/1	--	--	--	--
Clostridium P. primary clarifier (County Health)	Bi-Weekly	--	--	--	--	--	--	--	--

Red – Regulatory Requirement Green – Irrigation Suitability Blue – Food Safety *Continuous – Multiple/Day