

**MONTEREY COUNTY WATER RECYCLING PROJECTS
MONITORING PROGRAM 2009**

CONSTITUENTS	TERTIARY PLANT		DISTRIBUTION SYSTEM				Soil Salt Monitoring	
	Recycled Water	Storage Pond Outlet	Supplemental Wells (sample 16 yearly & 5-13 monthly)	Monitoring Station A1	Other Monitoring Stations (8)	Turnouts 112 Sites	14 Sites (10 Test, 4 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, ASAR, HCO ₃ , CO ₃ , Hardness, NO ₃ , NO ₂ , NH ₃ , T.PO ₄)	Monthly	--	Yearly	--	--	--	3/yr	3/yr
TDS (Total Dissolved Solids)	Weekly	--	Yearly	--	--	--	--	--
Specific Conductance	Daily	Daily	Yearly	Continuous	Continuous	5/wk	Continuous	--
pH	Daily	Daily	Yearly	Weekly	Weekly	5/wk	Weekly	--
Total Suspended Solids	Daily	--	--	--	--	--	--	--
Turbidity	Continuous	Daily	--	Weekly	Weekly	--	--	--
Settleable Solids	Daily	Weekly	--	--	--	--	--	--
Total Organic Carbon	Daily	--	--	--	--	--	--	--
BOD	Weekly	--	--	--	--	--	--	--
Chlorine Residual	Continuous	Continuous	--	Continuous	--	5/wk	--	--
Total Coliform	Daily	Daily	Monthly	Daily	Rotate 1/Wk	2/wk	--	--
Fecal Coliform	Daily	Daily	--	Daily	Rotate 1/Wk	2/wk	--	--
Generic E. coli	Daily	Daily	Monthly	Daily	Rotate 1/Wk	2/wk	--	--
Total and Fecal Coliform (County Health)		Bi-Weekly				--	--	--
Parasites (Cyclospora, Helminth (Ascaris), E.Coli 0157H7, Legionella, Shigella, Giardia, Cryptosporidium, Salmonella) and viruses	--	4/Yr	--	--	--	--	--	--
Bacteria DNA		Weekly						
Clostridium P. primary clarifier (County Health)		Bi-Weekly	--	--	--	--	--	--

Red – Regulatory Requirement

Green – Irrigation Suitability

Blue – Food Safety