

**Appendix I: MS4 Summary Tables.**

<b>Los Penasquitos Creek (DW018)</b>			
<b>Group</b>	<b>Analyte</b>	<b>Units</b>	<b>5/20/2008</b>
General Chemistry	Total Dissolved Solids	mg/L	1.75
	Total Nitrogen-N	mg/L	NA
	Total Phosphate-P	mg/L	0.07
	Total Suspended Solids	mg/L	NA
Bacteria	Enterococci	MPN/100mL	1400
	Fecal Coliform	MPN/100mL	130
	Total Coliform	MPN/100mL	2300

<b>Mission Bay (DW156)</b>			
<b>Group</b>	<b>Analyte</b>	<b>Units</b>	<b>6/18/2008</b>
General Chemistry	Total Nitrogen-N	mg/L	NA
	Total Phosphate-P	mg/L	0.34
Bacteria	Enterococci	MPN/100mL	14000
	Fecal Coliform	MPN/100mL	33000
	Total Coliform	MPN/100mL	350000
Trace Metals	Cadmium, Dissolved	mg/L	ND
	Copper, Dissolved	mg/L	0.015
	Lead, Dissolved	mg/L	ND
	Zinc, Dissolved	mg/L	0.036

<b>Agua Hedionda Creek (CAR05)</b>			
<b>Group</b>	<b>Analyte</b>	<b>Units</b>	<b>8/4/2008</b>
General Chemistry	Total Dissolved Solids	mg/L	1420
	Total Nitrogen-N	mg/L	56.4
	Total Phosphate-P	mg/L	0.15
	Total Suspended Solids	mg/L	9.8
Bacteria	Enterococci	MPN/100mL	700
	Fecal Coliform	MPN/100mL	1100
	Total Coliform	MPN/100mL	16000
Trace Metals	Manganese, Dissolved	mg/L	9.12
	Manganese, Total	mg/L	18.7
	Selenium, Dissolved	mg/L	0.78
	Selenium, Total	mg/L	1.16
Pesticides	Chlorpyrifos	µg/L	0.024
	Diazinon	µg/L	<0.0072
	Malathion	µg/L	<0.0074
Sulfate	Sulfate	mg/L	351

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<b>San Dieguito Creek (SDG09)</b>			
<b>Group</b>	<b>Analyte</b>	<b>Units</b>	<b>8/4/2008</b>
General Chemistry	pH	pH scale	7.8
	Total Dissolved Solids	mg/L	1600
	Total Nitrogen-N	mg/L	2.52
	Total Phosphate-P	mg/L	0.158
	Total Suspended Solids	mg/L	3.5
Bacteria	Enterococci	MPN/100mL	800
	Fecal Coliform	MPN/100mL	2400
	Total Coliform	MPN/100mL	2400
Trace Metals	Aluminum, Dissolved	mg/L	0.776
	Aluminum, Total	mg/L	123
	Manganese, Dissolved	mg/L	0.231
	Manganese, Total	mg/L	16.7

<b>San Diego River (SDR08)</b>			
<b>Group</b>	<b>Analyte</b>	<b>Units</b>	<b>7/29/2008</b>
General Chemistry	Dissolved Oxygen	mg/L	NA
	pH	pH scale	7.91
	Total Dissolved Solids	mg/L	1610
	Total Nitrogen-N	mg/L	3.07
	Total Phosphate-P	mg/L	0.074
	Phosphorus, Total	mg/L	0.071
	Total Suspended Solids	mg/L	-0.5
	Turbidity	NTU	NA
Bacteria	Enterococci	MPN/100mL	700
	Fecal Coliform	MPN/100mL	800
	Total Coliform	MPN/100mL	800

<b>San Luis Rey River (SLR14)</b>			
<b>Group</b>	<b>Analyte</b>	<b>Units</b>	<b>8/6/2008</b>
General Chemistry	Chlorate	mg/L	239
	Oil & Grease	mg/L	<0.77
	Total Dissolved Solids	mg/L	1420
	Total Nitrogen-N	mg/L	17.7
	Total Phosphate-P	mg/L	0.199
Bacteria	Enterococci	MPN/100mL	800
	Fecal Coliform	MPN/100mL	40
	Total Coliform	MPN/100mL	70

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<b>Santa Margarita River (SMG07)</b>			
<b>Group</b>	<b>Analyte</b>	<b>Units</b>	<b>8/6/2008</b>
General Chemistry	Total Dissolved Solids	mg/L	1040
	Total Nitrogen-N	mg/L	15.2
	Total Phosphate-P	mg/L	0.033
	Total Suspended Solids	mg/L	1.7
Bacteria	Enterococci	MPN/100mL	500
	Fecal Coliform	MPN/100mL	140
	Total Coliform	MPN/100mL	170
Trace Metals	Iron, Total	mg/L	<0.00095
	Manganese, Dissolved	mg/L	4.92
	Manganese, Total	mg/L	6.88
Sulfates	Sulfate	mg/L	515

<b>Sweetwater River (SWT07)</b>			
<b>Group</b>	<b>Analyte</b>	<b>Units</b>	<b>7/31/2008</b>
General Chemistry	Total Dissolved Solids	mg/L	3520
	Total Nitrogen-N	mg/L	8.09
	Total Phosphate-P	mg/L	0.176
Bacteria	Enterococci	MPN/100mL	170
	Fecal Coliform	MPN/100mL	230
	Total Coliform	MPN/100mL	5000
Trace Metals	Cadmium, Dissolved	mg/L	0.027
	Copper, Dissolved	mg/L	2.86
	Lead, Dissolved	mg/L	0.033
	Zinc, Dissolved	mg/L	2.14

<b>Tijuana River (TIJ02)</b>			
<b>Group</b>	<b>Analyte</b>	<b>Units</b>	<b>7/30/2008</b>
General Chemistry	Total Nitrogen-N	mg/L	1.36
	Total Phosphate-P	mg/L	0.013
	Total Suspended Solids	mg/L	-1.5
	Phosphorus, Total	mg/L	0.026
	Turbidity	NTU	NA
Bacteria	Enterococci	MPN/100mL	500
	Fecal Coliform	MPN/100mL	20
	Total Coliform	MPN/100mL	300

SiteID	Latitude	Longitude
CAR05	33.17239	-117.20997
DW018	32.94498	-117.11654
DW156	32.79985	-117.25854
SDG09	33.07326	-117.08373
SDR08	32.83599	-116.90040
SLR14	33.29353	-117.22373
SMG07	33.42600	-117.24040
SWT07	32.70114	-117.00927
TIJ02	32.83776	-116.53725