

**Table 4-10. Summary of Results for 2000-2001 Land Use Monitoring**

Class	Class Constituent	DL	Units	Vacant						High Density Single Family Residential						
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	
Miscellaneous Constituents	Cyanide	0.01	mg/l	6	6	0%	SID	SID	SID	0	0					
	Oil and Grease	1	mg/l	6	4	33%	0.900	0.500	0.773	0	0					
	Total Phenols	0.1	mg/l	6	6	0%	SID	SID	SID	0	0					
Indicator Bacteria	Total Coliform	20	MPN/100ml	6	0	100%	41733.333	2900.000	2.328	3	0	100%	546000.000	30000.000	1.672	
	Fecal Coliform	20	MPN/100ml	6	0	100%	3701.667	900.000	1.778	3	0	100%	540333.333	16000.000	1.698	
	Fecal Streptococcus	20	MPN/100ml	6	0	100%	27261.667	800.000	2.385	3	0	100%	136333.333	160000.000	0.860	
	Fecal Enterococcus	20	MPN/100ml	6	0	100%	27146.667	665.000	2.398	3	0	100%	113000.000	90000.000	1.037	
General Minerals	Ammonia	0.1	mg/l	7	5	29%	0.085	0.050	0.743	10	1	90%	0.724	0.429	0.976	
	Calcium	1	mg/l	7	0	100%	52.086	52.100	0.097	10	0	100%	13.386	8.915	0.912	
	Magnesium	1	mg/l	7	0	100%	16.843	17.000	0.222	10	0	100%	2.929	1.880	1.322	
	Potassium	1	mg/l	7	0	100%	2.734	2.620	0.214	10	0	100%	5.120	3.080	0.803	
	Sodium	1	mg/l	7	0	100%	16.429	15.200	0.211	10	0	100%	9.640	5.900	0.910	
	Bicarbonate	2	mg/l	7	0	100%	213.936	219.840	0.100	10	0	100%	42.990	27.700	0.979	
	Carbonate	2	mg/l	7	7	0%	SID	SID	SID	9	9	0%	1.000	1.000	0.000	
	Chloride	2	mg/l	7	0	100%	7.427	7.380	0.058	10	0	100%	8.198	4.605	1.301	
	Fluoride	0.1	mg/l	7	0	100%	0.383	0.380	0.039	10	7	30%	0.074	0.050	0.591	
	Nitrate	0.1	mg/l	7	0	100%	4.841	4.360	0.581	10	1	90%	1.462	1.095	1.105	
	Sulfate	0.1	mg/l	7	0	100%	18.629	19.400	0.120	10	0	100%	8.843	5.995	1.037	
	Alkalinity	4	mg/l	7	0	100%	175.371	180.000	0.102	10	0	100%	35.230	22.700	0.979	
	Hardness	2	mg/l	7	0	100%	199.286	200.000	0.093	10	0	100%	45.520	30.000	1.017	
	COD	5	mg/l	7	2	71%	32.243	34.000	0.705	10	2	80%	71.580	67.900	0.638	
	pH	14			7	0	100%	8.071	8.030	0.031	10	0	100%	6.899	6.840	0.056
	Specific Conductance	1	umhos/cm		7	0	100%	406.571	416.000	0.071	10	0	100%	135.160	88.100	0.938
	Total Dissolved Solids	2	mg/l		7	0	100%	239.714	250.000	0.097	10	0	100%	83.000	53.000	1.007
	Turbidity	0.1	NTU		7	0	100%	52.936	12.000	2.022	10	0	100%	43.376	27.900	1.016
	Suspended Solids	2	mg/l		7	0	100%	153.714	22.000	2.077	10	0	100%	190.700	74.000	1.176
	Volatile Suspended Solids	1	mg/l		7	0	100%	35.143	16.000	1.675	10	0	100%	87.900	46.000	1.049
	MBAS	0.05	mg/l		7	7	0%	SID	SID	SID	10	3	70%	0.080	0.066	0.787
	Total Organic Carbon	1	mg/l		7	0	100%	4.001	3.600	0.470	10	0	100%	12.170	8.885	0.744
	BOD	2	mg/l		7	0	100%	5.771	6.000	0.433	10	1	90%	10.984	6.500	0.824
	Nutrients	Dissolved Phosphorus	0.05	mg/l	7	4	43%	0.046	0.025	0.586	10	0	100%	0.407	0.316	0.673
		Total Phosphorus	0.05	mg/l	7	3	57%	0.058	0.050	0.667	10	0	100%	0.456	0.353	0.618
		NH3-N	0.1	mg/l	7	5	29%	0.076	0.050	0.631	10	1	90%	0.599	0.354	0.972
Nitrate-N		0.1	mg/l	7	0	100%	1.093	0.985	0.582	10	2	80%	0.335	0.247	1.075	
Nitrite-N		0.1	mg/l	7	5	29%	0.048	0.050	0.089	10	3	70%	0.116	0.051	1.273	
Kjeldahl-N		0.1	mg/l	7	0	100%	1.209	0.430	1.694	9	0	100%	3.986	3.100	0.894	
Metals		Dissolved Aluminum	100	ug/l	7	7	0%	SID	SID	SID	10	10	0%	50.000	50.000	0.000
	Total Aluminum	100	ug/l	7	5	29%	509.714	50.000	2.294	10	3	70%	189.340	110.700	1.338	
	Dissolved Antimony	5	ug/l	7	7	0%	SID	SID	SID	10	10	0%	2.500	2.500	0.000	
	Total Antimony	5	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID	
	Dissolved Arsenic	5	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID	
	Total Arsenic	5	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID	
	Dissolved Barium	10	ug/l	7	0	100%	44.200	43.700	0.116	10	3	70%	15.150	12.450	0.782	
	Total Barium	10	ug/l	7	0	100%	48.729	44.700	0.209	10	2	80%	18.760	15.750	0.653	
	Dissolved Beryllium	1	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID	
	Total Beryllium	1	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID	
	Dissolved Boron	100	ug/l	7	4	43%	85.571	50.000	0.519	10	7	30%	73.100	50.000	0.515	
	Total Boron	100	ug/l	7	2	71%	104.857	107.000	0.405	10	7	30%	93.400	50.000	0.810	
	Dissolved Cadmium	1	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID	
	Total Cadmium	1	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID	
	Dissolved Chromium	5	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID	

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Class	Class Constituent	DL	Units	Vacant						High Density Single Family Residential					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
	Total Chromium	5	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Dissolved Chromium +6	10	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Chromium +6	10	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Dissolved Copper	5	ug/l	7	7	0%	SID	SID	SID	10	2	80%	10.926	7.510	0.927
	Total Copper	5	ug/l	7	3	57%	4.489	5.180	0.429	10	0	100%	17.721	12.050	0.625
	Dissolved Iron	100	ug/l	7	4	43%	165.714	50.000	0.890	10	6	40%	101.900	50.000	0.703
	Total Iron	100	ug/l	7	2	71%	330.000	260.000	0.925	10	1	90%	266.900	265.000	0.550
	Dissolved Lead	5	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Lead	5	ug/l	7	6	14%	2.864	2.500	0.336	10	9	10%	SID	SID	SID
	Dissolved Manganese	100	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Manganese	100	ug/l	7	6	14%	77.286	50.000	0.934	10	10	0%	SID	SID	SID
	Dissolved Mercury	1	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Mercury	1	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Dissolved Nickel	5	ug/l	7	7	0%	SID	SID	SID	10	9	10%	SID	SID	SID
	Nickel	5	ug/l	7	7	0%	SID	SID	SID	10	9	10%	SID	SID	SID
	Dissolved Selenium	5	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Selenium	5	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Dissolved Silver	1	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Silver	1	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Dissolved Thallium	5	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Thallium	5	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Dissolved Zinc	50	ug/l	7	7	0%	SID	SID	SID	10	9	10%	SID	SID	SID
	Total Zinc	50	ug/l	7	7	0%	SID	SID	SID	10	8	20%	33.120	25.000	0.521
SVOCs	Bis(2-ethylhexyl)phthalate	1	ug/l	7	1	86%	4.686	3.300	1.019	7	0	100%	5.800	4.600	0.747
	All other SVOCs	0.05-5.0	ug/l	7	7	0%				7	7	0%			
Pesticides	Glyphosate	25	ug/l	7	7	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	All other Pesticides	0.01-25	ug/l	7	7	0%				10	10	0%			

Note:  
 CV = Coefficient of variation  
 DL = Detection Limit  
 SID = Statistically Invalid Data  
 Non-detects are replaced with half the detection limit to calculate Mean, Median, and CV

**Table 4-10. Summary of Results for 2000-2001 Land Use Monitoring**

Class	Class Constituent	DL	Units	Transportation						Light Industrial					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Miscellaneous Constituents	Cyanide	0.01	mg/l	0	0					0	0				
	Oil and Grease	1	mg/l	0	0					0	0				
	Total Phenols	0.1	mg/l	0	0					0	0				
Indicator Bacteria	Total Coliform	20	MPN/100ml	4	0	100%	36500.000	42500.000	0.504	3	0	100%	66333.333	22000.000	1.223
	Fecal Coliform	20	MPN/100ml	4	0	100%	8475.000	8000.000	0.784	3	0	100%	62000.000	17000.000	1.370
	Fecal Streptococcus	20	MPN/100ml	4	0	100%	82900.000	14500.000	1.747	3	0	100%	39433.333	28000.000	1.165
	Fecal Enterococcus	20	MPN/100ml	4	0	100%	13425.000	11000.000	0.894	3	0	100%	39410.000	28000.000	1.166
General Minerals	Ammonia	0.1	mg/l	12	4	67%	0.928	0.397	1.373	10	4	60%	0.606	0.276	1.290
	Calcium	1	mg/l	12	0	100%	12.779	9.015	0.984	10	0	100%	14.325	12.700	0.510
	Magnesium	1	mg/l	12	0	100%	4.489	1.985	1.168	10	1	90%	4.237	3.650	0.865
	Potassium	1	mg/l	12	0	100%	4.538	2.225	1.514	10	0	100%	3.181	2.985	0.597
	Sodium	1	mg/l	12	0	100%	15.792	10.600	1.131	10	0	100%	14.410	12.400	0.767
	Bicarbonate	2	mg/l	12	0	100%	35.720	25.880	0.762	10	0	100%	36.126	32.150	0.586
	Carbonate	2	mg/l	12	12	0%	1.000	1.000	0.000	10	10	0%	1.000	1.000	0.000
	Chloride	2	mg/l	12	1	92%	13.673	7.040	1.740	10	0	100%	12.003	9.390	0.643
	Fluoride	0.1	mg/l	12	4	67%	0.171	0.120	1.105	10	2	80%	0.133	0.130	0.453
	Nitrate	0.1	mg/l	12	0	100%	3.782	2.455	1.156	10	0	100%	2.770	2.880	0.514
	Sulfate	0.1	mg/l	12	0	100%	19.905	10.500	1.537	10	0	100%	12.852	12.040	0.604
	Alkalinity	4	mg/l	12	0	100%	29.308	21.200	0.764	10	0	100%	29.630	26.350	0.586
	Hardness	2	mg/l	12	0	100%	50.208	30.400	1.036	10	0	100%	54.530	60.000	0.447
	COD	5	mg/l	12	1	92%	84.717	68.000	1.174	10	0	100%	60.610	59.850	0.546
	pH	14		12	0	100%	6.783	6.790	0.039	10	0	100%	6.877	6.920	0.043
	Specific Conductance	1	umhos/cm	12	0	100%	175.833	108.550	1.302	10	0	100%	148.000	127.500	0.491
	Total Dissolved Solids	2	mg/l	12	0	100%	110.667	64.000	1.365	10	0	100%	89.600	75.000	0.520
	Turbidity	0.1	NTU	12	0	100%	46.550	35.400	0.724	10	0	100%	101.971	108.250	0.532
	Suspended Solids	2	mg/l	12	0	100%	88.083	83.500	0.630	10	0	100%	210.800	199.000	0.467
	Volatile Suspended Solids	1	mg/l	12	0	100%	35.500	39.500	0.459	10	0	100%	47.500	48.000	0.542
	MBAS	0.05	mg/l	12	0	100%	0.153	0.120	0.591	10	0	100%	0.175	0.151	0.456
	Total Organic Carbon	1	mg/l	12	0	100%	22.262	10.090	1.602	10	0	100%	14.696	12.165	0.636
	BOD	2	mg/l	12	3	75%	6.558	6.300	0.749	10	1	90%	7.760	7.350	0.473
Nutrients	Dissolved Phosphorus	0.05	mg/l	12	0	100%	15.836	0.625	3.324	10	1	90%	0.218	0.206	0.543
	Total Phosphorus	0.05	mg/l	12	0	100%	21.893	0.750	3.353	10	1	90%	0.280	0.270	0.559
	NH3-N	0.1	mg/l	12	4	67%	0.615	0.259	1.589	10	4	60%	0.504	0.228	1.275
	Nitrate-N	0.1	mg/l	12	0	100%	0.854	0.555	1.157	10	1	90%	0.622	0.650	0.525
	Nitrite-N	0.1	mg/l	12	0	100%	0.118	0.117	0.529	10	0	100%	0.134	0.102	0.684
	Kjeldahl-N	0.1	mg/l	12	0	100%	2.294	1.605	1.053	10	0	100%	2.426	1.930	0.644
	Metals	Dissolved Aluminum	100	ug/l	12	9	25%	80.092	50.000	0.840	10	8	20%	86.200	50.000
Total Aluminum		100	ug/l	12	0	100%	529.842	204.450	1.569	10	1	90%	1097.050	327.000	2.010
Dissolved Antimony		5	ug/l	12	9	25%	5.584	2.500	1.485	10	10	0%	SID	SID	SID
Total Antimony		5	ug/l	12	9	25%	5.820	2.500	1.447	10	10	0%	SID	SID	SID
Dissolved Arsenic		5	ug/l	12	11	8%	SID	SID	SID	10	10	0%	SID	SID	SID
Total Arsenic		5	ug/l	12	11	8%	SID	SID	SID	10	10	0%	SID	SID	SID
Dissolved Barium		10	ug/l	12	1	92%	17.625	16.300	0.400	10	1	90%	20.880	22.300	0.323
Total Barium		10	ug/l	12	0	100%	28.342	20.100	0.800	10	0	100%	38.280	27.100	1.072
Dissolved Beryllium		1	ug/l	12	12	0%	SID	SID	SID	10	10	0%	SID	SID	SID
Total Beryllium		1	ug/l	12	12	0%	SID	SID	SID	10	10	0%	SID	SID	SID
Dissolved Boron		100	ug/l	12	7	42%	115.250	50.000	0.951	10	6	40%	86.500	50.000	0.629
Total Boron		100	ug/l	12	6	50%	129.833	75.000	0.874	10	5	50%	99.400	77.000	0.613
Dissolved Cadmium		1	ug/l	12	7	42%	0.874	0.500	0.584	10	10	0%	SID	SID	SID
Total Cadmium		1	ug/l	12	6	50%	1.273	0.780	0.964	10	9	10%	SID	SID	SID
Dissolved Chromium		5	ug/l	12	11	8%	SID	SID	SID	10	10	0%	SID	SID	SID

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				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
	Total Chromium	5	ug/l	12	10	17%	SID	SID	SID	10	8	20%	4.119	2.500	1.007
	Dissolved Chromium +6	10	ug/l	12	12	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Chromium +6	10	ug/l	12	12	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Dissolved Copper	5	ug/l	12	0	100%	41.558	31.450	0.606	10	0	100%	8.859	8.590	0.311
	Total Copper	5	ug/l	12	0	100%	59.017	42.950	0.824	10	0	100%	18.178	13.800	0.881
	Dissolved Iron	100	ug/l	12	4	67%	160.583	115.000	0.752	10	4	60%	233.000	175.000	0.931
	Total Iron	100	ug/l	12	1	92%	870.500	285.000	2.066	10	1	90%	1934.000	395.000	2.264
	Dissolved Lead	5	ug/l	12	12	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Lead	5	ug/l	12	9	25%	6.488	2.500	1.596	10	6	40%	8.983	2.500	1.787
	Dissolved Manganese	100	ug/l	12	11	8%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Manganese	100	ug/l	12	9	25%	69.258	50.000	0.530	10	9	10%	SID	SID	SID
	Dissolved Mercury	1	ug/l	12	12	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Mercury	1	ug/l	12	12	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Dissolved Nickel	5	ug/l	12	6	50%	8.116	3.845	1.353	10	4	60%	5.847	5.060	0.711
	Nickel	5	ug/l	12	4	67%	9.748	6.175	1.138	10	3	70%	7.527	6.010	0.732
	Dissolved Selenium	5	ug/l	12	12	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Selenium	5	ug/l	12	12	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Dissolved Silver	1	ug/l	12	12	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Silver	1	ug/l	12	12	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Dissolved Thallium	5	ug/l	12	12	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Total Thallium	5	ug/l	12	12	0%	SID	SID	SID	10	10	0%	SID	SID	SID
	Dissolved Zinc	50	ug/l	12	0	100%	369.092	232.000	1.034	10	1	90%	340.600	313.500	0.634
	Total Zinc	50	ug/l	12	0	100%	407.342	237.000	1.100	10	0	100%	447.650	323.500	1.018
SVOCs	Bis(2-ethylhexyl)phthalate	1	ug/l	0	0					0	0				
	All other SVOCs	0.05-5.0	ug/l	0	0					0	0				
Pesticides	Glyphosate	25	ug/l	12	11	8%	SID	SID	SID	10	10	0%	SID	SID	SID
	All other Pesticides	0.01-25	ug/l	12	12	0%				10	10	0			

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Class	Class Constituent	DL	Units	Educational						Multifamily Residential					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Miscellaneous Constituents	Cyanide	0.01	mg/l	0	0					0	0				
	Oil and Grease	1	mg/l	0	0					0	0				
	Total Phenols	0.1	mg/l	0	0					0	0				
Indicator Bacteria	Total Coliform	20	MPN/100ml	4	0	100%	171000.000	81000.000	1.323	3	0	100%	199333.333	220000.000	0.813
	Fecal Coliform	20	MPN/100ml	4	0	100%	45775.000	21000.000	1.404	3	0	100%	102666.667	140000.000	0.630
	Fecal Streptococcus	20	MPN/100ml	4	0	100%	24000.000	19500.000	0.768	3	0	100%	54066.667	70000.000	0.851
General Minerals	Fecal Enterococcus	20	MPN/100ml	4	0	100%	12750.000	12000.000	0.635	3	0	100%	39233.333	26000.000	1.163
	Ammonia	0.1	mg/l	12	6	50%	1.052	0.083	2.916	8	2	75%	0.639	0.590	0.887
	Calcium	1	mg/l	12	0	100%	21.715	15.000	0.788	9	0	100%	32.653	24.000	0.754
	Magnesium	1	mg/l	12	0	100%	6.153	3.485	0.980	9	1	89%	7.260	3.650	0.961
	Potassium	1	mg/l	12	0	100%	4.769	3.200	0.807	9	0	100%	4.444	2.660	0.791
	Sodium	1	mg/l	12	0	100%	20.867	13.400	1.051	9	0	100%	23.056	13.900	0.972
	Bicarbonate	2	mg/l	12	0	100%	52.428	38.165	0.748	9	0	100%	81.252	58.900	0.845
	Carbonate	2	mg/l	12	12	0%	1.000	1.000	0.000	9	9	0%	1.000	1.000	0.000
	Chloride	2	mg/l	12	0	100%	34.995	6.445	1.380	9	0	100%	64.248	11.900	1.731
	Fluoride	0.1	mg/l	12	5	58%	0.226	0.105	1.235	9	1	89%	0.216	0.160	0.793
	Nitrate	0.1	mg/l	12	0	100%	3.268	2.645	0.615	9	0	100%	7.362	6.220	0.532
	Sulfate	0.1	mg/l	12	0	100%	22.402	10.145	1.409	9	0	100%	20.647	14.600	0.971
	Alkalinity	4	mg/l	12	0	100%	42.950	31.250	0.747	9	0	100%	66.656	48.300	0.846
	Hardness	2	mg/l	12	0	100%	79.558	54.500	0.844	9	0	100%	111.111	75.000	0.802
	COD	5	mg/l	12	1	92%	68.058	71.000	0.590	9	0	100%	60.689	56.500	0.451
	pH	14		12	0	100%	7.149	7.090	0.046	9	0	100%	7.288	7.270	0.063
	Specific Conductance	1	umhos/cm	12	0	100%	237.225	123.700	0.971	9	0	100%	397.556	205.000	1.009
	Total Dissolved Solids	2	mg/l	12	0	100%	142.500	73.000	0.934	9	0	100%	237.556	132.000	1.009
	Turbidity	0.1	NTU	12	0	100%	54.633	46.350	0.537	9	0	100%	9.391	8.140	0.687
	Suspended Solids	2	mg/l	12	0	100%	91.833	74.000	0.534	9	0	100%	27.556	19.000	0.808
	Volatile Suspended Solids	1	mg/l	12	1	92%	24.125	24.500	0.482	9	0	100%	15.667	8.000	1.069
	MBAS	0.05	mg/l	12	5	58%	0.061	0.061	0.649	8	0	100%	0.104	0.097	0.370
	Total Organic Carbon	1	mg/l	12	0	100%	8.279	7.175	0.596	9	0	100%	9.230	7.830	0.426
	BOD	2	mg/l	12	1	92%	6.745	6.650	0.413	9	2	78%	7.878	6.500	0.892
Nutrients	Dissolved Phosphorus	0.05	mg/l	12	0	100%	0.233	0.160	0.757	8	0	100%	0.363	0.268	0.687
	Total Phosphorus	0.05	mg/l	12	0	100%	0.279	0.221	0.579	8	0	100%	0.410	0.314	0.697
	NH3-N	0.1	mg/l	12	7	42%	0.870	0.050	2.916	8	2	75%	0.530	0.487	0.878
	Nitrate-N	0.1	mg/l	12	0	100%	0.738	0.598	0.615	9	0	100%	1.662	1.400	0.532
	Nitrite-N	0.1	mg/l	12	2	83%	0.193	0.099	1.435	9	1	89%	0.246	0.088	1.285
	Kjeldahl-N	0.1	mg/l	12	0	100%	2.302	1.112	1.257	9	0	100%	1.575	1.530	0.443
Metals	Dissolved Aluminum	100	ug/l	12	6	50%	119.967	84.500	0.818	9	9	0%	SID	SID	SID
	Total Aluminum	100	ug/l	12	2	83%	460.800	458.500	0.727	9	6	33%	126.667	50.000	1.243
	Dissolved Antimony	5	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Total Antimony	5	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Dissolved Arsenic	5	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Total Arsenic	5	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Dissolved Barium	10	ug/l	12	0	100%	22.033	17.500	0.506	9	2	78%	24.867	14.200	0.861
	Total Barium	10	ug/l	12	0	100%	27.508	22.850	0.433	9	1	89%	28.500	16.900	0.767
	Dissolved Beryllium	1	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Total Beryllium	1	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Dissolved Boron	100	ug/l	12	4	67%	154.333	131.000	0.766	9	2	78%	142.333	120.000	0.601
	Total Boron	100	ug/l	12	2	83%	185.083	140.500	0.628	9	2	78%	169.889	136.000	0.564
	Dissolved Cadmium	1	ug/l	12	9	25%	0.715	0.500	0.550	9	9	0%	SID	SID	SID
	Total Cadmium	1	ug/l	12	9	25%	0.722	0.500	0.565	9	9	0%	SID	SID	SID
	Dissolved Chromium	5	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID

**Table 4-10. Summary of Results for 2000-2001 Land Use Monitoring**

Class	Class Constituent	DL	Units	Educational						Multifamily Residential					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
	Total Chromium	5	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Dissolved Chromium +6	10	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Total Chromium +6	10	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Dissolved Copper	5	ug/l	12	2	83%	10.548	8.250	0.898	9	0	100%	8.818	8.930	0.287
	Total Copper	5	ug/l	12	0	100%	15.839	12.600	0.568	9	0	100%	12.306	11.900	0.241
	Dissolved Iron	100	ug/l	12	3	75%	217.667	220.000	0.586	9	8	11%	SID	SID	SID
	Total Iron	100	ug/l	12	1	92%	639.833	560.000	0.752	9	2	78%	212.222	180.000	0.762
	Dissolved Lead	5	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Total Lead	5	ug/l	12	11	8%	SID	SID	SID	9	8	11%	SID	SID	SID
	Dissolved Manganese	100	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Total Manganese	100	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Dissolved Mercury	1	ug/l	12	12	0%	SID	SID	SID	8	8	0%	SID	SID	SID
	Total Mercury	1	ug/l	12	12	0%	SID	SID	SID	8	8	0%	SID	SID	SID
	Dissolved Nickel	5	ug/l	12	11	8%	SID	SID	SID	9	7	22%	SID	SID	SID
	Nickel	5	ug/l	12	10	17%	SID	SID	SID	9	6	33%	SID	SID	SID
	Dissolved Selenium	5	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Total Selenium	5	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Dissolved Silver	1	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Total Silver	1	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Dissolved Thallium	5	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Total Thallium	5	ug/l	12	12	0%	SID	SID	SID	9	9	0%	SID	SID	SID
	Dissolved Zinc	50	ug/l	12	2	83%	91.467	79.750	0.618	9	1	89%	74.756	80.000	0.372
	Total Zinc	50	ug/l	12	0	100%	105.625	94.300	0.457	9	0	100%	91.911	89.800	0.232
SVOCs	Bis(2-ethylhexyl)phthalate	1	ug/l	0	0					5	1	80%	7.860	1.700	1.818
	All other SVOCs	0.05-5.0	ug/l	0	0					5	5	0%			
Pesticides	Glyphosate	25	ug/l	12	11	8%	SID	SID	SID	9	9	0%	SID	SID	SID
	All other Pesticides	0.01-25	ug/l	12	12	0%				9	9	0%			

Note:  
 CV = Coefficient of variation  
 DL = Detection Limit  
 SID = Statistically Invalid Data  
 Non-detects are replaced with half the detection limit to calculate Mean, Median, and CV

**Table 4-10. Summary of Results for 2000-2001 Land Use Monitoring**

Class	Class Constituent	DL	Units	Mixed Residential						
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	
Miscellaneous Constituents	Cyanide	0.01	mg/l	0	0					
	Oil and Grease	1	mg/l	0	0					
	Total Phenols	0.1	mg/l	0	0					
Indicator Bacteria	Total Coliform	20	MPN/100ml	3	0	100%	390000.000	220000.000	1.153	
	Fecal Coliform	20	MPN/100ml	3	0	100%	307733.333	21000.000	1.667	
	Fecal Streptococcus	20	MPN/100ml	3	0	100%	96000.000	90000.000	0.742	
	Fecal Enterococcus	20	MPN/100ml	3	0	100%	85666.667	70000.000	0.907	
General Minerals	Ammonia	0.1	mg/l	11	2	82%	0.767	0.438	1.111	
	Calcium	1	mg/l	11	0	100%	17.585	12.000	0.803	
	Magnesium	1	mg/l	11	0	100%	6.180	3.640	0.964	
	Potassium	1	mg/l	11	0	100%	3.507	2.550	0.543	
	Sodium	1	mg/l	11	0	100%	17.809	13.500	0.928	
	Bicarbonate	2	mg/l	11	0	100%	41.564	32.330	0.631	
	Carbonate	2	mg/l	11	11	0%	SID	SID	SID	
	Chloride	2	mg/l	11	0	100%	17.850	11.000	1.083	
	Fluoride	0.1	mg/l	11	3	73%	0.135	0.100	0.806	
	Nitrate	0.1	mg/l	11	0	100%	2.170	2.230	0.351	
	Sulfate	0.1	mg/l	11	0	100%	26.330	16.000	1.124	
	Alkalinity	4	mg/l	11	0	100%	34.073	26.500	0.631	
	Hardness	2	mg/l	11	0	100%	69.336	40.000	0.774	
	COD	5	mg/l	11	0	100%	72.036	60.700	0.597	
	pH	14			11	0	100%	6.880	6.750	0.046
	Specific Conductance	1	umhos/cm		11	0	100%	208.736	147.000	0.790
	Total Dissolved Solids	2	mg/l		11	0	100%	128.727	92.000	0.811
	Turbidity	0.1	NTU		11	0	100%	26.457	15.800	1.089
	Suspended Solids	2	mg/l		11	0	100%	107.182	63.000	1.120
	Volatile Suspended Solids	1	mg/l		11	0	100%	50.636	29.000	1.167
	MBAS	0.05	mg/l		11	1	91%	0.124	0.105	0.535
	Total Organic Carbon	1	mg/l		11	0	100%	13.113	9.500	0.701
	BOD	2	mg/l		11	2	82%	7.145	5.790	0.692
Nutrients	Dissolved Phosphorus	0.05	mg/l	11	0	100%	0.325	0.250	0.722	
	Total Phosphorus	0.05	mg/l	11	0	100%	0.372	0.284	0.645	
	NH3-N	0.1	mg/l	11	4	64%	0.606	0.360	1.178	
	Nitrate-N	0.1	mg/l	11	1	91%	0.477	0.504	0.417	
	Nitrite-N	0.1	mg/l	11	0	100%	0.193	0.161	0.694	
Metals	Kjeldahl-N	0.1	mg/l	11	0	100%	3.223	2.660	0.562	
	Dissolved Aluminum	100	ug/l	11	11	0%	SID	SID	SID	
	Total Aluminum	100	ug/l	11	4	64%	232.455	128.000	1.267	
	Dissolved Antimony	5	ug/l	11	11	0%	SID	SID	SID	
	Total Antimony	5	ug/l	11	11	0%	SID	SID	SID	
	Dissolved Arsenic	5	ug/l	11	11	0%	SID	SID	SID	
	Total Arsenic	5	ug/l	11	11	0%	SID	SID	SID	
	Dissolved Barium	10	ug/l	11	0	100%	22.455	15.900	0.601	
	Total Barium	10	ug/l	11	0	100%	27.055	19.700	0.623	
	Dissolved Beryllium	1	ug/l	11	11	0%	SID	SID	SID	
	Total Beryllium	1	ug/l	11	11	0%	SID	SID	SID	
	Dissolved Boron	100	ug/l	11	8	27%	75.818	50.000	0.619	
	Total Boron	100	ug/l	11	5	55%	96.909	101.000	0.594	
	Dissolved Cadmium	1	ug/l	11	11	0%	SID	SID	SID	
	Total Cadmium	1	ug/l	11	10	9%	0.580	0.500	0.457	
	Dissolved Chromium	5	ug/l	11	11	0%	SID	SID	SID	

**Table 4-10. Summary of Results for 2000-2001 Land Use Monitoring**

Class	Class Constituent	DL	Units	Mixed Residential					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
	Total Chromium	5	ug/l	11	11	0%	SID	SID	SID
	Dissolved Chromium +6	10	ug/l	11	11	0%	SID	SID	SID
	Total Chromium +6	10	ug/l	11	11	0%	SID	SID	SID
	Dissolved Copper	5	ug/l	11	0	100%	11.209	9.020	0.483
	Total Copper	5	ug/l	11	0	100%	18.604	17.500	0.588
	Dissolved Iron	100	ug/l	11	7	36%	156.727	50.000	1.192
	Total Iron	100	ug/l	11	1	91%	412.091	240.000	1.257
	Dissolved Lead	5	ug/l	11	11	0%	SID	SID	SID
	Total Lead	5	ug/l	11	9	18%	SID	SID	SID
	Dissolved Manganese	100	ug/l	11	11	0%	SID	SID	SID
	Total Manganese	100	ug/l	11	11	0%	SID	SID	SID
	Dissolved Mercury	1	ug/l	11	11	0%	SID	SID	SID
	Total Mercury	1	ug/l	11	11	0%	SID	SID	SID
	Dissolved Nickel	5	ug/l	11	8	27%	4.033	2.500	0.677
	Nickel	5	ug/l	11	8	27%	4.320	2.500	0.726
	Dissolved Selenium	5	ug/l	11	11	0%	SID	SID	SID
	Total Selenium	5	ug/l	11	11	0%	SID	SID	SID
	Dissolved Silver	1	ug/l	11	11	0%	SID	SID	SID
	Total Silver	1	ug/l	11	11	0%	SID	SID	SID
	Dissolved Thallium	5	ug/l	11	11	0%	SID	SID	SID
	Total Thallium	5	ug/l	11	11	0%	SID	SID	SID
	Dissolved Zinc	50	ug/l	11	1	91%	157.027	118.100	0.629
	Total Zinc	50	ug/l	11	0	100%	179.209	120.000	0.575
SVOCs	Bis(2-ethylhexyl)phthalate	1	ug/l	10	1	90%	9.800	5.050	1.287
	All other SVOCs	0.05-5.0	ug/l	10	10	0%			
Pesticides	Glyphosate	25	ug/l	11	11	0%	SID	SID	SID
	All other Pesticides	0.01-25	ug/l	11	11	0%			

Note:  
 CV = Coefficient of variation  
 DL = Detection Limit  
 SID = Statistically Invalid Data  
 Non-detects are replaced with half the detection limit to calculate Mean, Median, and CV