

Table 4-12. Summary of 1994-2000 Land Use Results by Site

Data Included Since ^a	DL	Units	Commercial						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	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	
Miscellaneous Constituents																					
Cyanide	96	0.01	mg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	15	15	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	
TPH	94	1	mg/l	8	2	75	3.1	2.9	0.63	21	19	10	S.I.D.	S.I.D.	S.I.D.	3	0	100	1.3	1.2	0.23
Oil and Grease	94	1	mg/l	8	1	88	3.3	2.9	0.51	21	17	19	S.I.D.	S.I.D.	S.I.D.	3	0	100	1.3	1.2	0.23
Total Phenols	94	0.1	mg/l	8	8	0	S.I.D.	S.I.D.	S.I.D.	21	21	0	S.I.D.	S.I.D.	S.I.D.	3	3	0	S.I.D.	S.I.D.	S.I.D.
Indicator Bacteria																					
Total Coliform	94	20	MPN/100ml	8	0	100	1,140,000	1,250,000	0.71	21	1	95	9,187	2,200	1.25	3	0	100	1,366,667	1,600,000	0.30
Fecal Coliform	94	20	MPN/100ml	8	0	100	528,750	90,000	1.35	21	2	90	1,397	500	2.60	3	0	100	933,333	900,000	0.70
Ratio Fecal Coliform/Total Coliform	94			0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	0	100	52%	64%	0.79	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fecal Streptococcus	94	20	MPN/100ml	8	0	100	212,875	150,000	1.37	21	1	95	2,254	800	1.57	3	0	100	1,233,333	1,600,000	0.51
Fecal Enterococcus	94	20	MPN/100ml	8	0	100	86,250	40,000	1.18	21	1	95	679	500	0.98	3	0	100	610,000	140,000	1.41
General Minerals																					
Ammonia	94	0.1	mg/l	33	7	79	1.26	0.30	2.11	41	27	34	0.13	0.05	2.48	34	6	82	0.41	0.30	1.05
Calcium	96	1.0	mg/l	30	0	100	19	11	0.86	39	0	100	50	0.09	5.8	32	1	97	6.7	5.8	0.55
Magnesium	96	1.0	mg/l	30	0	100	6.8	3.9	0.92	39	0	100	15	16	0.26	32	8	75	1.5	1.2	0.66
Potassium	94	1.0	mg/l	36	0	100	4.0	2.8	0.81	45	0	100	2.4	2.4	0.22	38	0	100	3.6	2.9	0.66
Sodium	96	1.0	mg/l	33	0	100	37	19	1.03	45	0	100	13	14	0.20	36	0	100	6.2	5.0	0.81
Bicarbonate	94	2.0	mg/l	33	0	100	48	21	0.93	42	0	100	175	176	0.15	35	0	100	21	13	1.04
Carbonate	94	2.0	mg/l	33	33	0	S.I.D.	S.I.D.	S.I.D.	42	36	14	S.I.D.	S.I.D.	S.I.D.	35	35	0	S.I.D.	S.I.D.	S.I.D.
Chloride	94	2.0	mg/l	33	0	100	50	15.8	1.28	43	0	100	6.6	6.5	0.26	33	2	94	5.0	4.2	0.69
Fluoride	94	0.1	mg/l	33	18	45	0.13	0.05	0.81	43	0	100	0.37	0.36	0.21	33	27	18	S.I.D.	S.I.D.	S.I.D.
Nitrate	94	0.1	mg/l	33	1	97	2.6	2.0	0.63	43	0	100	5.2	4.6	0.56	33	1	97	3.9	2.1	1.38
Sulfate	94	0.1	mg/l	33	0	100	35	11	1.18	43	0	100	17	15	0.40	33	0	100	6.9	3.8	1.05
Alkalinity	94	4.0	mg/l	33	0	100	48	21	0.93	42	0	100	169	174	0.13	35	0	100	20	13	0.91
Hardness	96	2.0	mg/l	30	0	100	76	42	0.87	39	0	100	185	190	0.11	31	0	100	23	20	0.53
COD	97	5	mg/l	24	0	100	98	89	0.80	34	15	56	17	11	1.35	32	5	84	89	39	1.87
pH	94	0-14		33	0	100	7.0	6.8	0.07	42	0	100	8.1	8.1	0.03	35	0	100	6.5	6.5	0.06
Specific Conductance	94	1.0	umhos/cm	31	0	100	356	167	0.99	38	0	100	386	390	0.11	33	0	100	90	61	0.77
Total Dissolved Solids	96	2.0	mg/l	29	0	100	226	106	0.93	36	0	100	237	240	0.09	32	0	100	58	38	0.80
Turbidity	94	0.1	NTU	33	0	100	31	24	0.67	41	0	100	69	5.6	2.30	34	0	100	34	19	1.17
Total Suspended Solids	96	2.0	mg/l	29	0	100	66	53	0.65	39	1	97	186	18	3.27	30	0	100	95	61	1.16
Volatile Suspended Solids	94	1.0	mg/l/hr	31	0	100	32	29	0.54	41	7	83	36	12	2.48	31	0	100	48	31	0.91
MBAS	97	0.05	mg/l	22	11	50	0.18	0.04	1.52	30	30	0	S.I.D.	S.I.D.	S.I.D.	29	26	10	S.I.D.	S.I.D.	S.I.D.
Total Organic Carbon	94	1.0	mg/l	35	0	100	10	7.3	0.74	43	0	100	5.3	3.6	0.84	38	0	100	9.8	7.1	0.76
BOD	94	2.0	mg/l	26	1	96	27	24	0.58	39	4	90	12	5.0	1.01	27	0	100	16	15	0.68
Nutrients																					
Dissolved Phosphorus	94	0.05	mg/l	33	1	97	0.30	0.19	0.86	37	21	43	0.11	0.03	3.38	32	0	100	0.29	0.25	0.57
Total Phosphorus	94	0.05	mg/l	32	1	97	0.39	0.28	0.77	39	16	59	0.16	0.05	2.63	32	0	100	0.39	0.32	0.77
NH3-N	94	0.1	mg/l	33	8	76	1.04	0.25	2.11	41	30	27	0.11	0.05	2.41	34	7	79	0.34	0.25	1.04
Nitrate-N	96	0.1	mg/l	31	7	77	0.48	0.43	0.82	40	1	98	1.05	0.94	0.53	32	11	66	0.86	0.46	1.51
Nitrite-N	94	0.1	mg/l	34	7	79	0.16	0.07	1.74	43	30	30	0.05	0.05	0.20	33	12	64	0.10	0.05	1.01
TKN	96	0.1	mg/l	32	0	100	3.4	2.2	0.94	40	0	100	0.79	0.68	0.60	35	0	100	2.9	2.0	1.04
Metals																					
Dissolved Aluminum	96	100	µg/l	33	24	27	241	50	3.19	42	29	31	190	50	2.39	36	26	28	105	50	1.03
Total Aluminum	96	100	µg/l	33	8	76	4055	295	4.87	42	13	69	1681	234	5.25	36	6	83	599	287	1.08
Dissolved Antimony	97	5	µg/l	24	24	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.	32	32	0	S.I.D.	S.I.D.	S.I.D.
Total Antimony	97	5	µg/l	24	24	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.	32	32	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Arsenic	97	5	µg/l	24	23	4	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.	32	32	0	S.I.D.	S.I.D.	S.I.D.
Total Arsenic	97	5	µg/l	24	22	8	S.I.D.	S.I.D.	S.I.D.	34	32	6	S.I.D.	S.I.D.	S.I.D.	32	29	9	S.I.D.	S.I.D.	S.I.D.
Dissolved Barium	97	10	µg/l	24	2	92	39	33	0.81	34	2	94	57	58	0.41	32	17	47	14	5.0	0.92
Total Barium	97	10	µg/l	24	2	92	114	41	2.64	34	2	94	83	62	1.59	32	11	66	21	21	0.72
Dissolved Beryllium	97	1	µg/l	17	17	0	S.I.D.	S.I.D.	S.I.D.	22	22	0	S.I.D.	S.I.D.	S.I.D.	19	19	0	S.I.D.	S.I.D.	S.I.D.
Total Beryllium	97	1	µg/l	24	23	4	S.I.D.	S.I.D.	S.I.D.	34	33	3	S.I.D.	S.I.D.	S.I.D.	32	32	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Boron	97	100	µg/l	24	3	88	198	188	0.49	32	14	56	121	116	0.65	32	12	63	126	125	0.58
Total Boron	97	100	µg/l	24	1	96	261	254	0.41	32	8	75	178	170	0.59	32	5	84	181	171	0.52
Dissolved Cadmium	97	1	µg/l	24	21	13	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.	32	31	3	S.I.D.	S.I.D.	S.I.D.
Total Cadmium	97	1	µg/l	24	19	21	0.73	0.50	0.71	34	34	0	S.I.D.	S.I.D.	S.I.D.	32	30	6	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium	97	5	µg/l	24	24	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.	32	32	0	S.I.D.	S.I.D.	S.I.D.
Total Chromium	97	5	µg/l	24	18	25	27	2.5	4.18	34	33	3	S.I.D.	S.I.D.	S.I.D.	32	29	9	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium +6	94	10	µg/l	33	33	0	S.I.D.	S.I.D.	S.I.D.	41	41	0	S.I.D.	S.I.D.	S.I.D.	36	36	0	S.I.D.	S.I.D.	S.I.D.
Total Chromium +6	94	10	µg/l	33	33	0	S.I.D.	S.I.D.	S.I.D.	41	41	0	S.I.D.	S.I.D.	S.I.D.	36	36	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Copper	97	5	µg/l	24	3	88	14	11	0.84	34	31	9	S.I.D.	S.I.D.	S.I.D.	32	15	53	8.5	6.7	0.95

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	Data Included Since ^a	DL	Units	Commercial					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	No. of Samples	No. of Non-Detects	Percent Detects	Mean	Median	CV
Total Copper	97	5	µg/l	24	0	100	39	22	1.57	34	15	56	15	5.5	3.14	32	2	94	15	11	0.57
Dissolved Iron	94	100	µg/l	39	17	56	382	106	2.81	45	35	22	202	50	3.27	38	27	29	123	50	1.20
Total Iron	94	100	µg/l	40	2	95	5319	587	5.24	45	14	69	3003	233	5.23	38	7	82	1117	546	1.36
Dissolved Lead	97	5	µg/l	24	20	17	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.	32	28	13	S.I.D.	S.I.D.	S.I.D.
Total Lead	97	5	µg/l	24	15	38	18	2.5	2.80	34	31	9	S.I.D.	S.I.D.	S.I.D.	32	14	56	10	5.4	1.03
Dissolved Manganese	98	100	µg/l	14	14	0	S.I.D.	S.I.D.	S.I.D.	18	18	0	S.I.D.	S.I.D.	S.I.D.	11	10	9	S.I.D.	S.I.D.	S.I.D.
Total Manganese	98	100	µg/l	14	13	7	S.I.D.	S.I.D.	S.I.D.	18	14	22	67	50	0.48	11	10	9	S.I.D.	S.I.D.	S.I.D.
Dissolved Mercury	94	1	µg/l	37	35	5	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.	35	35	0	S.I.D.	S.I.D.	S.I.D.
Total Mercury	94	1	µg/l	37	35	5	S.I.D.	S.I.D.	S.I.D.	43	42	2	S.I.D.	S.I.D.	S.I.D.	35	34	3	S.I.D.	S.I.D.	S.I.D.
Dissolved Nickel	97	5	µg/l	24	21	13	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.	32	32	0	S.I.D.	S.I.D.	S.I.D.
Nickel	97	5	µg/l	24	16	33	15	2.5	3.69	34	29	15	S.I.D.	S.I.D.	S.I.D.	32	27	16	S.I.D.	S.I.D.	S.I.D.
Dissolved Selenium	94	5	µg/l	40	40	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.	38	38	0	S.I.D.	S.I.D.	S.I.D.
Total Selenium	94	5	µg/l	40	35	13	S.I.D.	S.I.D.	S.I.D.	45	44	2	S.I.D.	S.I.D.	S.I.D.	38	38	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Silver	97	1	µg/l	24	23	4	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.	32	32	0	S.I.D.	S.I.D.	S.I.D.
Total Silver	97	1	µg/l	24	22	8	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.	32	31	3	S.I.D.	S.I.D.	S.I.D.
Dissolved Thallium	97	5	µg/l	24	24	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.	32	32	0	S.I.D.	S.I.D.	S.I.D.
Total Thallium	97	5	µg/l	24	24	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.	32	32	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Zinc	94	50	µg/l	40	4	90	152	130	0.66	45	43	4	S.I.D.	S.I.D.	S.I.D.	38	30	21	44	25	1.42
Total Zinc	94	50	µg/l	40	0	100	241	192	0.71	45	33	27	46	25	1.67	38	13	66	79	66	0.75
SVOCs																					
Bis(2-ethylhexyl)phthalate	99	1	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.
PAHs																					
Acenaphthene	99	0.05	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.
Acenaphthylene	99	0.05	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.
Anthracene	99	0.05	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.
Benzo(a)anthracene	99	0.1	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	4	20	S.I.D.	S.I.D.	1.24
Benzo(a)pyrene	99	0.1	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.
Benzo(b)fluoranthene	99	0.1	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	4	20	S.I.D.	S.I.D.	1.29
Benzo(k)fluoranthene	99	0.1	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	4	20	S.I.D.	S.I.D.	1.18
Chrysene	99	0.1	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	4	20	S.I.D.	S.I.D.	1.18
Dibenz(a,h)anthracene	99	0.1	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	1.18
Fluoranthene	99	0.1	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.	5	3	40	0.53	0.050	1.67
Fluorene	99	0.1	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.
Indeno (1,2,3-cd)pyrene	99	0.1	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.
Naphthalene	99	0.05	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.	5	3	40	0.04	0.025	0.59
Phenanthrene	99	0.05	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	3	40	0.13	0.025	1.66
Pyrene	99	0.05	µg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.	5	1	80	0.83	0.37	1.44
All other SVOCs	94	0.05-5.0	µg/l	23	23	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.	26	26	0	S.I.D.	S.I.D.	S.I.D.
Pesticides																					
Organochlorine Pesticides & PCBs	94	0.05-1.0	µg/l	19	19	0	S.I.D.	S.I.D.	S.I.D.	38	38	0	S.I.D.	S.I.D.	S.I.D.	31	31	0	S.I.D.	S.I.D.	S.I.D.
Carbofuran	96	5	µg/l	28	28	0	S.I.D.	S.I.D.	S.I.D.	38	38	0	S.I.D.	S.I.D.	S.I.D.	32	32	0	S.I.D.	S.I.D.	S.I.D.
Glyphosate	98	25	µg/l	14	14	0	S.I.D.	S.I.D.	S.I.D.	18	18	0	S.I.D.	S.I.D.	S.I.D.	11	11	0	S.I.D.	S.I.D.	S.I.D.
Organo-Phosphate Pesticides																					
Diazinon	96	0.01	µg/l	24	21	13	S.I.D.	S.I.D.	S.I.D.	36	36	0	S.I.D.	S.I.D.	S.I.D.	30	28	7	S.I.D.	S.I.D.	S.I.D.
Chlorpyrifos	96	0.05	µg/l	24	24	0	S.I.D.	S.I.D.	S.I.D.	36	36	0	S.I.D.	S.I.D.	S.I.D.	30	30	0	S.I.D.	S.I.D.	S.I.D.
N- and P-Containing Pesticides																					
Thiobencarb	96	1	µg/l	24	24	0	S.I.D.	S.I.D.	S.I.D.	36	36	0	S.I.D.	S.I.D.	S.I.D.	30	30	0	S.I.D.	S.I.D.	S.I.D.
All other N- and P- Pesticides	94	1.0-2.0	µg/l	28	28	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.	32	32	0	S.I.D.	S.I.D.	S.I.D.
Phenoxyacetic Acid Herbicides																					
2,4-D	96	10	µg/l	17	17	0	S.I.D.	S.I.D.	S.I.D.	35	35	0	S.I.D.	S.I.D.	S.I.D.	27	27	0	S.I.D.	S.I.D.	S.I.D.
2,4,5-TP	96	1	µg/l	17	17	0	S.I.D.	S.I.D.	S.I.D.	35	35	0	S.I.D.	S.I.D.	S.I.D.	27	27	0	S.I.D.	S.I.D.	S.I.D.
Bentazon	96	2	µg/l	17	17	0	S.I.D.	S.I.D.	S.I.D.	35	35	0	S.I.D.	S.I.D.	S.I.D.	27	27	0	S.I.D.	S.I.D.	S.I.D.

CV = Coefficient of variation
 DL = Detection Limit
 S.I.D. = Statistically Invalid Data, not enough data above detection limit collected
 a) Detection limits have changed throughout the monitoring process. Only data matching the current detection limit is displayed in this table. The *Data Included Since* field indicates the first year of the storm season with the current detection limit.

Table 4-12. Summary of 1994-2000 Land Use Results by Site

Data Included Since ^a	DL	Units	Transportation						Light Industrial						Educational						
			No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	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	96	0.01	mg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
TPH	94	1	mg/l	4	0	100	3.1	2.8	0.47	5	1	80	1.7	1.4	0.68	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Oil and Grease	94	1	mg/l	4	0	100	3.1	2.8	0.47	5	1	80	1.7	1.4	0.68	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Total Phenols	94	0.1	mg/l	4	4	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Indicator Bacteria																					
Total Coliform	94	20	MPN/100ml	4	0	100	692,500	600,000	0.82	5	0	100	454,000	160,000	1.42	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fecal Coliform	94	20	MPN/100ml	4	0	100	328,750	205,000	1.22	5	0	100	338,220	30,000	2.09	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Ratio Fecal Coliform/Total Coliform	94			0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fecal Streptococcus	94	20	MPN/100ml	4	0	100	176,000	195,000	0.68	5	0	100	253,000	160,000	1.46	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fecal Enterococcus	94	20	MPN/100ml	4	0	100	32,000	32,000	0.65	5	0	100	98,200	130,000	0.73	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
General Minerals																					
Ammonia	94	0.1	mg/l	62	16	74	0.29	0.16	1.52	47	7	85	0.59	0.32	1.35	40	12	70	0.33	0.18	1.62
Calcium	96	1.0	mg/l	61	0	100	8.4	7.7	0.46	40	0	100	12	8.8	1.01	39	0	100	16	10	0.71
Magnesium	96	1.0	mg/l	61	4	93	1.6	1.5	0.48	40	0	100	2.3	1.9	1.13	39	8	79	3.2	2.4	0.96
Potassium	94	1.0	mg/l	63	2	97	2.1	1.7	0.56	50	1	98	2.7	2.2	0.59	41	0	100	3.4	2.7	0.49
Sodium	96	1.0	mg/l	62	0	100	8.3	6.4	0.81	47	0	100	14	12	0.69	41	0	100	26	8.0	2.21
Bicarbonate	94	2.0	mg/l	63	0	100	20	18	0.57	47	0	100	26	20	0.92	40	0	100	39	28	0.76
Carbonate	94	2.0	mg/l	63	63	0	S.I.D.	S.I.D.	S.I.D.	47	47	0	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.
Chloride	94	2.0	mg/l	64	3	95	5.6	4.4	0.82	47	0	100	12	8.6	0.80	40	4	90	34	4.6	2.89
Fluoride	94	0.1	mg/l	64	41	36	0.10	0.05	0.97	47	22	53	0.13	0.11	0.94	40	24	40	0.14	0.050	1.21
Nitrate	94	0.1	mg/l	64	2	97	2.9	1.8	1.27	47	0	100	4.1	2.4	1.09	40	2	95	2.6	2.2	0.73
Sulfate	94	0.1	mg/l	64	0	100	9.5	6.4	1.07	47	0	100	12.6	9.2	1.02	40	0	100	17.3	9.3	1.23
Alkalinity	94	4.0	mg/l	63	0	100	20	16	0.55	47	0	100	25	19	0.94	40	0	100	36	26	0.72
Hardness	96	2.0	mg/l	61	0	100	27	24	0.46	40	0	100	39	30	1.02	39	0	100	52	40	0.79
COD	97	5	mg/l	52	7	87	50	33	0.99	36	4	89	80	51	0.92	40	10	75	37	34	0.85
pH	94	0-14		63	0	100	6.7	6.6	0.05	47	0	100	6.8	6.8	0.06	40	0	100	7.0	6.9	0.07
Specific Conductance	94	1.0	umhos/cm	63	0	100	99	84	0.66	43	0	100	147	119	0.77	39	0	100	243	111	1.41
Total Dissolved Solids	96	2.0	mg/l	61	0	100	62	54	0.69	40	0	100	95	77	0.80	39	0	100	147	68	1.35
Turbidity	94	0.1	NTU	64	0	100	31	22	1.25	47	0	100	76	55	1.59	41	0	100	64	36	1.14
Total Suspended Solids	96	2.0	mg/l	61	0	100	78	50	1.30	41	0	100	240	129	1.36	39	0	100	95	61	1.05
Volatile Suspended Solids	94	1.0	mg/l/hr	63	1	98	31	20	1.22	43	0	100	57	46	0.79	39	0	100	23	21	0.69
MBAS	97	0.05	mg/l	51	30	41	2.6	0.025	6.95	32	10	69	0.13	0.11	0.90	38	33	13	S.I.D.	S.I.D.	S.I.D.
Total Organic Carbon	94	1.0	mg/l	63	0	100	8.7	6.8	0.71	47	0	100	11.9	9.8	0.77	42	0	100	7.5	6.5	0.50
BOD	94	2.0	mg/l	54	0	100	21	19	0.80	37	0	100	20	17	0.67	34	0	100	13	12	0.68
Nutrients																					
Dissolved Phosphorus	94	0.05	mg/l	59	3	95	0.34	0.28	0.79	46	4	91	0.27	0.20	1.01	37	1	97	0.27	0.20	0.86
Total Phosphorus	94	0.05	mg/l	59	1	98	0.44	0.32	0.84	45	2	96	0.41	0.30	0.92	37	0	100	0.31	0.23	0.65
NH3-N	94	0.1	mg/l	62	19	69	0.24	0.14	1.51	48	9	81	0.48	0.26	1.36	40	12	70	0.28	0.15	1.58
Nitrate-N	96	0.1	mg/l	61	15	75	0.70	0.40	1.68	43	2	95	0.87	0.52	1.32	39	12	69	0.51	0.48	0.86
Nitrite-N	94	0.1	mg/l	64	10	84	0.09	0.06	0.72	47	9	81	0.09	0.06	0.73	39	13	67	0.09	0.05	1.41
TKN	96	0.1	mg/l	61	0	100	1.9	1.3	0.93	45	0	100	3.0	2.3	0.72	39	0	100	1.6	1.3	0.73
Metals																					
Dissolved Aluminum	96	100	µg/l	62	29	53	159	107	1.18	47	23	51	460	117	1.96	42	11	74	397	248	1.21
Total Aluminum	96	100	µg/l	63	10	84	672	354	1.65	47	7	85	1824	470	2.37	42	2	95	881	720	0.83
Dissolved Antimony	97	5	µg/l	54	53	2	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Total Antimony	97	5	µg/l	54	53	2	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Arsenic	97	5	µg/l	54	54	0	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.	42	39	7	S.I.D.	S.I.D.	S.I.D.
Total Arsenic	97	5	µg/l	54	52	4	S.I.D.	S.I.D.	S.I.D.	37	34	8	S.I.D.	S.I.D.	S.I.D.	42	39	7	S.I.D.	S.I.D.	S.I.D.
Dissolved Barium	97	10	µg/l	54	15	72	19	17	0.75	37	6	84	34	26	0.81	42	6	86	28	26	0.72
Total Barium	97	10	µg/l	54	9	83	34	27	0.88	37	4	89	68	36	1.38	42	6	86	37	33	0.74
Dissolved Beryllium	97	1	µg/l	40	40	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.	29	29	0	S.I.D.	S.I.D.	S.I.D.
Total Beryllium	97	1	µg/l	54	54	0	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Boron	97	100	µg/l	54	16	70	146	132	0.55	37	18	51	122	102	0.71	42	5	88	189	153	0.65
Total Boron	97	100	µg/l	54	5	91	219	214	0.50	36	10	72	187	181	0.63	42	4	90	254	227	0.58
Dissolved Cadmium	97	1	µg/l	54	50	7	S.I.D.	S.I.D.	S.I.D.	37	34	8	S.I.D.	S.I.D.	S.I.D.	42	40	5	S.I.D.	S.I.D.	S.I.D.
Total Cadmium	97	1	µg/l	54	32	41	1.1	0.50	1.04	37	30	19	S.I.D.	S.I.D.	S.I.D.	42	34	19	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium	97	5	µg/l	54	51	6	S.I.D.	S.I.D.	S.I.D.	37	33	11	S.I.D.	S.I.D.	S.I.D.	42	41	2	S.I.D.	S.I.D.	S.I.D.
Total Chromium	97	5	µg/l	54	40	26	4.8	2.5	1.15	37	25	32	6.8	2.5	1.60	42	33	21	3.6	2.5	0.74
Dissolved Chromium +6	94	10	µg/l	63	63	0	S.I.D.	S.I.D.	S.I.D.	47	47	0	S.I.D.	S.I.D.	S.I.D.	43	43	0	S.I.D.	S.I.D.	S.I.D.
Total Chromium +6	94	10	µg/l	63	63	0	S.I.D.	S.I.D.	S.I.D.	47	47	0	S.I.D.	S.I.D.	S.I.D.	43	43	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Copper	97	5	µg/l	54	0	100	33	27	0.63	37	5	86	20	14	1.07	42	8	81	13	9.9	0.94

Table 4-12. Summary of 1994-2000 Land Use Results by Site

	Data Included Since ^a	DL	Units	Transportation						Light Industrial						Educational					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	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 Copper	97	5	µg/l	54	0	100	56	39	1.15	37	0	100	32	21	1.03	42	0	100	24	15	1.49
Dissolved Iron	94	100	µg/l	65	34	48	200	50	1.90	51	25	51	698	104	2.99	42	15	64	454	190	2.30
Total Iron	94	100	µg/l	65	2	97	1188	512	1.74	51	5	90	6504	600	4.26	42	4	90	2705	625	3.32
Dissolved Lead	97	5	µg/l	54	48	11	S.I.D.	S.I.D.	S.I.D.	37	32	14	S.I.D.	S.I.D.	S.I.D.	42	40	5	S.I.D.	S.I.D.	S.I.D.
Total Lead	97	5	µg/l	54	29	46	10	2.5	1.57	37	18	51	17	5.1	1.88	42	30	29	4.9	2.5	1.09
Dissolved Manganese	98	100	µg/l	27	25	7	S.I.D.	S.I.D.	S.I.D.	26	23	12	S.I.D.	S.I.D.	S.I.D.	17	17	0	S.I.D.	S.I.D.	S.I.D.
Total Manganese	98	100	µg/l	27	25	7	S.I.D.	S.I.D.	S.I.D.	26	23	12	S.I.D.	S.I.D.	S.I.D.	17	17	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Mercury	94	1	µg/l	63	63	0	S.I.D.	S.I.D.	S.I.D.	48	48	0	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.
Total Mercury	94	1	µg/l	63	62	2	S.I.D.	S.I.D.	S.I.D.	48	45	6	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Nickel	97	5	µg/l	54	41	24	3.9	2.5	0.93	37	23	38	5.0	2.5	0.90	42	38	10	S.I.D.	S.I.D.	S.I.D.
Nickel	97	5	µg/l	54	29	46	6.0	2.5	1.07	37	15	59	9.8	6.0	1.47	42	26	38	4.7	2.5	0.69
Dissolved Selenium	94	5	µg/l	65	65	0	S.I.D.	S.I.D.	S.I.D.	51	51	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Total Selenium	94	5	µg/l	65	61	6	S.I.D.	S.I.D.	S.I.D.	51	48	6	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Silver	97	1	µg/l	54	54	0	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Total Silver	97	1	µg/l	54	54	0	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Thallium	97	5	µg/l	54	54	0	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Total Thallium	97	5	µg/l	54	54	0	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Zinc	94	50	µg/l	65	5	92	192	152	0.74	51	3	94	407	303	1.18	42	19	55	66	56	0.83
Total Zinc	94	50	µg/l	65	0	100	291	218	0.99	51	0	100	639	366	1.53	42	5	88	138	98	1.73
SVOCS																					
Bis(2-ethylhexyl)phthalate	99	1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
PAHs																					
Acenaphthene	99	0.05	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Acenaphthylene	99	0.05	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Anthracene	99	0.05	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Benzo(a)anthracene	99	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Benzo(a)pyrene	99	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Benzo(b)fluoranthene	99	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Benzo(k)fluoranthene	99	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Chrysene	99	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Dibenz(a,h)anthracene	99	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fluoranthene	99	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fluorene	99	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Indeno (1,2,3-cd)pyrene	99	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Naphthalene	99	0.05	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Phenanthrene	99	0.05	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Pyrene	99	0.05	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
All other SVOCs	94	0.05-5.0	µg/l	40	40	0	S.I.D.	S.I.D.	S.I.D.	24	24	0	S.I.D.	S.I.D.	S.I.D.	23	23	0	S.I.D.	S.I.D.	S.I.D.
Pesticides																					
Organochlorine Pesticides & PCBs	94	0.05-1.0	µg/l	37	37	0	S.I.D.	S.I.D.	S.I.D.	20	20	0	S.I.D.	S.I.D.	S.I.D.	22	22	0	S.I.D.	S.I.D.	S.I.D.
Carbofuran	96	5	µg/l	60	60	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.	43	43	0	S.I.D.	S.I.D.	S.I.D.
Glyphosate	98	25	µg/l	27	25	7	S.I.D.	S.I.D.	S.I.D.	26	26	0	S.I.D.	S.I.D.	S.I.D.	17	15	12	S.I.D.	S.I.D.	S.I.D.
Organo-Phosphate Pesticides																					
Diazinon	96	0.01	µg/l	57	56	2	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
Chlorpyrifos	96	0.05	µg/l	57	57	0	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
N- and P-Containing Pesticides																					
Thiobencarb	96	1	µg/l	57	57	0	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
All other N- and P- Pesticides	94	1.0-2.0	µg/l	58	58	0	S.I.D.	S.I.D.	S.I.D.	43	43	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
Phenoxyacetic Acid Herbicides																					
2,4-D	96	10	µg/l	37	37	0	S.I.D.	S.I.D.	S.I.D.	22	22	0	S.I.D.	S.I.D.	S.I.D.	24	24	0	S.I.D.	S.I.D.	S.I.D.
2,4,5-TP	96	1	µg/l	37	37	0	S.I.D.	S.I.D.	S.I.D.	22	22	0	S.I.D.	S.I.D.	S.I.D.	24	24	0	S.I.D.	S.I.D.	S.I.D.
Bentazon	96	2	µg/l	37	37	0	S.I.D.	S.I.D.	S.I.D.	22	22	0	S.I.D.	S.I.D.	S.I.D.	24	24	0	S.I.D.	S.I.D.	S.I.D.

CV = Coefficient of variation

DL = Detection Limit

S.I.D. = Statistically Invalid Data, not enough data above detection limit collected

a) Detection limits have changed through out the monitoring process. Only data matching the current detection limit is displayed in this table. The Data Included Since field indicates the first year of the storm season with the current detection limit.

Table 4-12. Summary of 1994-2000 Land Use Results by Site

	Data Included Since ^a	DL	Units	Multifamily Residential					Mixed 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	96	0.01	mg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	0	100	S.I.D.	S.I.D.	S.I.D.
TPH	94	1	mg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	0	100	S.I.D.	S.I.D.	S.I.D.
Oil and Grease	94	1	mg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Total Phenols	94	0.1	mg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Indicator Bacteria															
Total Coliform	94	20	MPN/100ml	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	0	100	S.I.D.	S.I.D.	S.I.D.
Fecal Coliform	94	20	MPN/100ml	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	0	100	S.I.D.	S.I.D.	S.I.D.
Ratio Fecal Coliform/Total Coliform	94			0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fecal Streptococcus	94	20	MPN/100ml	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	0	100	S.I.D.	S.I.D.	S.I.D.
Fecal Enterococcus	94	20	MPN/100ml	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
General Minerals															
Ammonia	94	0.1	mg/l	38	9	76	0.47	0.29	1.44	42	4	90	0.67	0.39	1.13
Calcium	96	1.0	mg/l	35	0	100	19.3	8.0	1.20	39	1	97	7.5	6.4	0.70
Magnesium	96	1.0	mg/l	35	9	74	3.3	1.9	1.24	39	7	82	1.7	1.5	0.82
Potassium	94	1.0	mg/l	44	4	91	2.3	2.1	0.65	45	6	87	2.2	2.1	0.89
Sodium	96	1.0	mg/l	44	1	98	10	5.4	1.20	45	2	96	6.5	4.8	1.31
Bicarbonate	94	2.0	mg/l	39	0	100	39	17	1.19	40	0	100	17	14	0.82
Carbonate	94	2.0	mg/l	39	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.
Chloride	94	2.0	mg/l	37	8	78	13	3.0	1.49	38	10	74	3.5	2.7	0.93
Fluoride	94	0.1	mg/l	37	20	46	0.16	0.05	1.07	38	25	34	0.11	0.05	0.98
Nitrate	94	0.1	mg/l	37	1	97	5.3	3.6	0.87	38	3	92	6.8	2.3	3.74
Sulfate	94	0.1	mg/l	37	0	100	15	4.1	1.52	38	0	100	7.4	5.0	0.94
Alkalinity	94	4.0	mg/l	39	0	100	37	17	1.18	40	0	100	16	14	0.73
Hardness	96	2.0	mg/l	35	0	100	55	26	1.11	39	1	97	25	20	0.75
COD	97	5	mg/l	43	6	86	60	26	2.02	45	8	82	64	34	1.27
pH	94	0-14		39	0	100	6.9	6.6	0.10	40	0	100	6.5	6.4	0.05
Specific Conductance	94	1.0	umhos/cm	33	0	100	169	61	1.18	40	1	98	85	58	0.85
Total Dissolved Solids	96	2.0	mg/l	33	0	100	105	42	1.19	40	1	98	53	37	0.88
Turbidity	94	0.1	NTU	39	0	100	23	10	1.55	40	0	100	21	15	1.06
Total Suspended Solids	96	2.0	mg/l	36	1	97	46	24	1.41	38	0	100	63	40	1.19
Volatile Suspended Solids	94	1.0	mg/l/hr	36	2	94	19	13	1.01	37	2	95	35	25	1.33
MBAS	97	0.05	mg/l	36	26	28	0.049	0.025	1.13	39	25	36	0.068	0.025	1.86
Total Organic Carbon	94	1.0	mg/l	37	0	100	6.9	6.0	0.85	43	0	100	8.8	6.8	0.74
BOD	94	2.0	mg/l	31	2	94	11	9	0.91	34	0	100	18	14	0.90
Nutrients															
Dissolved Phosphorus	94	0.05	mg/l	30	1	97	0.16	0.10	1.04	39	2	95	0.20	0.14	0.87
Total Phosphorus	94	0.05	mg/l	30	1	97	0.19	0.14	1.00	39	1	97	0.26	0.18	0.99
NH3-N	94	0.1	mg/l	38	9	76	0.39	0.24	1.43	42	5	88	0.56	0.33	1.13
Nitrate-N	96	0.1	mg/l	37	12	68	1.10	0.80	1.01	38	13	66	0.55	0.44	0.91
Nitrite-N	94	0.1	mg/l	37	10	73	0.10	0.05	1.65	38	7	82	0.12	0.06	1.47
TKN	96	0.1	mg/l	41	0	100	2.0	1.5	1.11	43	1	98	2.5	1.7	0.95
Metals															
Dissolved Aluminum	96	100	µg/l	45	33	27	115	50	1.58	44	33	25	182	50	2.72
Total Aluminum	96	100	µg/l	45	5	89	387	300	0.91	45	6	87	513	271	1.89
Dissolved Antimony	97	5	µg/l	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Total Antimony	97	5	µg/l	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	44	2	S.I.D.	S.I.D.	S.I.D.
Dissolved Arsenic	97	5	µg/l	45	44	2	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Total Arsenic	97	5	µg/l	45	44	2	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Barium	97	10	µg/l	45	18	60	20	14	0.92	45	19	58	18	14	1.11
Total Barium	97	10	µg/l	45	13	71	25	20	0.81	45	12	73	29	22	1.45
Dissolved Beryllium	97	1	µg/l	31	31	0	S.I.D.	S.I.D.	S.I.D.	31	31	0	S.I.D.	S.I.D.	S.I.D.
Total Beryllium	97	1	µg/l	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Boron	97	100	µg/l	42	12	71	148	128	0.65	44	21	52	114	111	0.66
Total Boron	97	100	µg/l	43	7	84	202	168	0.58	44	11	75	164	161	0.58
Dissolved Cadmium	97	1	µg/l	45	44	2	S.I.D.	S.I.D.	S.I.D.	45	43	4	S.I.D.	S.I.D.	S.I.D.
Total Cadmium	97	1	µg/l	45	44	2	S.I.D.	S.I.D.	S.I.D.	45	43	4	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium	97	5	µg/l	45	43	4	S.I.D.	S.I.D.	S.I.D.	45	44	2	S.I.D.	S.I.D.	S.I.D.
Total Chromium	97	5	µg/l	45	39	13	S.I.D.	S.I.D.	S.I.D.	45	42	7	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium +6	94	10	µg/l	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Total Chromium +6	94	10	µg/l	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Copper	97	5	µg/l	45	20	56	6.9	5.0	0.91	45	17	62	12	8.0	1.42

Table 4-12. Summary of 1994-2000 Land Use Results by Site

	Data Included Since ^a	DL	Units	Multifamily Residential						Mixed 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 Copper	97	5	µg/l	45	4	91	12	12	0.54	45	1	98	19	13	1.29
Dissolved Iron	94	100	µg/l	45	33	27	194	50	2.40	45	33	27	353	50	3.45
Total Iron	94	100	µg/l	45	9	80	791	350	2.14	45	10	78	1475	400	2.67
Dissolved Lead	97	5	µg/l	45	41	9	S.I.D.	S.I.D.	S.I.D.	45	40	11	S.I.D.	S.I.D.	S.I.D.
Total Lead	97	5	µg/l	45	31	31	5.8	2.5	1.48	45	23	49	11	2.5	2.60
Dissolved Manganese	98	100	µg/l	21	21	0	S.I.D.	S.I.D.	S.I.D.	20	18	10	S.I.D.	S.I.D.	S.I.D.
Total Manganese	98	100	µg/l	21	20	5	S.I.D.	S.I.D.	S.I.D.	20	18	10	S.I.D.	S.I.D.	S.I.D.
Dissolved Mercury	94	1	µg/l	40	40	0	S.I.D.	S.I.D.	S.I.D.	44	44	0	S.I.D.	S.I.D.	S.I.D.
Total Mercury	94	1	µg/l	40	40	0	S.I.D.	S.I.D.	S.I.D.	44	44	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Nickel	97	5	µg/l	45	44	2	S.I.D.	S.I.D.	S.I.D.	45	42	7	S.I.D.	S.I.D.	S.I.D.
Nickel	97	5	µg/l	45	39	13	S.I.D.	S.I.D.	S.I.D.	45	42	7	S.I.D.	S.I.D.	S.I.D.
Dissolved Selenium	94	5	µg/l	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Total Selenium	94	5	µg/l	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	44	2	S.I.D.	S.I.D.	S.I.D.
Dissolved Silver	97	1	µg/l	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Total Silver	97	1	µg/l	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Thallium	97	5	µg/l	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Total Thallium	97	5	µg/l	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Zinc	94	50	µg/l	45	21	53	83	53	1.53	45	9	80	133	89	1.33
Total Zinc	94	50	µg/l	45	5	89	146	89	1.37	45	1	98	203	125	1.35
SVOCs															
Bis(2-ethylhexyl)phthalate	99	1	µg/l	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
PAHs															
Acenaphthene	99	0.05	µg/l	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.
Acenaphthylene	99	0.05	µg/l	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Anthracene	99	0.05	µg/l	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Benzo(a)anthracene	99	0.1	µg/l	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	4	43	0.38	0.05	1.70
Benzo(a)pyrene	99	0.1	µg/l	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Benzo(b)fluoranthene	99	0.1	µg/l	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.
Benzo(k)fluoranthene	99	0.1	µg/l	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.
Chrysene	99	0.1	µg/l	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	2	71	0.62	0.30	1.32
Dibenz(a,h)anthracene	99	0.1	µg/l	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Fluoranthene	99	0.1	µg/l	6	4	33	0.17	0.050	1.54	7	2	71	0.29	0.27	1.00
Fluorene	99	0.1	µg/l	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Indeno (1,2,3-cd)pyrene	99	0.1	µg/l	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Naphthalene	99	0.05	µg/l	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Phenanthrene	99	0.05	µg/l	6	4	33	0.21	0.025	2.08	7	2	71	0.50	0.24	1.43
Pyrene	99	0.05	µg/l	6	4	33	0.20	0.025	1.95	7	2	71	0.35	0.30	1.03
All other SVOCs	94	0.05-5.0	µg/l	30	30	0	S.I.D.	S.I.D.	S.I.D.	33	33	0	S.I.D.	S.I.D.	S.I.D.
Pesticides															
Organochlorine Pesticides & PCBs	94	0.05-1.0	µg/l	36	36	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
Carbofuran	96	5	µg/l	43	43	0	S.I.D.	S.I.D.	S.I.D.	44	44	0	S.I.D.	S.I.D.	S.I.D.
Glyphosate	98	25	µg/l	21	20	5	S.I.D.	S.I.D.	S.I.D.	20	20	0	S.I.D.	S.I.D.	S.I.D.
Organo-Phosphate Pesticides															
Diazinon	96	0.01	µg/l	37	37	0	S.I.D.	S.I.D.	S.I.D.	39	33	15	S.I.D.	S.I.D.	S.I.D.
Chlorpyrifos	96	0.05	µg/l	37	37	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
N- and P-Containing Pesticides															
Thiobencarb	96	1	µg/l	37	37	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
All other N- and P- Pesticides	94	1.0-2.0	µg/l	37	37	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
Phenoxyacetic Acid Herbicides															
2,4-D	96	10	µg/l	33	33	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
2,4,5-TP	96	1	µg/l	33	33	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
Bentazon	96	2	µg/l	33	33	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.

CV = Coefficient of variation
DL = Detection Limit
S.I.D. = Statistically Invalid Data, not enough data above detection limit collected
a) Detection limits have changed through out the monitoring process. Only data matching the current detection limit is displayed in this table. The Data Included Since field indicates the first year of the storm season with the current detection limit.