

Appendix C:
Water Quality Monitoring Data

Wet Weather Flows

Parameters	Sample Date	Units	San Juan Creek at Equestrian Park	San Juan Creek at Caspers	Trabuca Creek Upstream of Crown	Trabuca Creek Upstream of ATGC	Trabuca Creek Downstream of ATGC	Gobernadora Downstream of Cote De Coza	Gobernadora Upstream of Confluence with San Juan	Cristianitos Creek	Gabino Creek
4,4'-DDD	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-BFB (FID)	2/12/2003	ug/l	8.5		8.8	8.77	9.06	9.1	8.84	9.2	9.23
	2/25/2003	ug/l	9.96	9.72	9.62	10	8.87	8.47	8.93	8.36	8.57
	3/15/2003	ug/l	9.79	9.69	9.36	9.83	9.94	9.87	9.54	8.89	11.6
Aldrin	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alkalinity as CaCO3	11/12/2001	mg/l	220		540	220	240	290	320		
	2/17/2002	mg/l	200		170	210	200	280	280		
	2/12/2003	mg/l	130		100	120	120	120	160	ND	25
	2/25/2003	mg/l	110	110	56	39	58	90	66	30	36
	3/15/2003	mg/l	120	39	54	58	58	110	110	24	45
alpha-BHC	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ammonia-N	11/12/2001	mg/l	ND		0.74	ND	ND	ND	ND		
	2/17/2002	mg/l	ND		ND	ND	ND	ND	ND		
Antimony	2/12/2003	ug/l	0.76		0.87	0.62	0.6	0.54	0.35	0.18	0.092
	2/25/2003	ug/l	0.24	0.11	0.3	0.35	0.27	0.31	0.33	ND	0.062
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Antimony, Dissolved	2/12/2003	ug/l	0.5		0.79	0.55	0.49	0.52	0.43	0.32	0.21
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	11/12/2001	mg/l	0.0039		0.026	0.0039	0.0039	0.0067	0.009		
	2/17/2002	mg/l	0.0074		0.0039	0.0039	0.0039	0.01	0.0077		
	2/12/2003	ug/l	6.4		2.7	3.4	3.5	6.6	6.8	1.8	0.77
	2/25/2003	ug/l	9	9.5	8.8	7.7	11	6.5	9.7	4.1	3.7
	3/15/2003	ug/l	24	1.5	2.7	3.5	3.5	5.2	7.6	0.29	1.6
Arsenic, Dissolved	2/12/2003	ug/l	5		1.6	1.8	2	5.2	6.1	ND	ND
	3/15/2003	ug/l	3.7	1.1	1.4	2.1	1.8	3	6.2	ND	1.1
Azinphosmethyl	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
Barban	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Barium	2/12/2003	ug/l	57		50	54	52	98	59	320	600
	2/25/2003	ug/l	210	370	420	170	390	140	210	1300	520
	3/15/2003	ug/l	570	19	92	78	86	200	120	480	480
Barium, Dissolved	2/12/2003	ug/l	44		48	44	50	70	59	32	24
	3/15/2003	ug/l	21	12	19	23	20	33	35	17	15
Beryllium	2/12/2003	ug/l	ND		ND	ND	ND	0.19	ND	3.6	3.4
	2/25/2003	ug/l	1.1	1.6	1.3	0.5	1.1	0.37	1.1	4.7	2.2
	3/15/2003	ug/l	ND	ND	ND	ND	ND	1.2	1	3.2	2.4
Beryllium, Dissolved	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	0.19	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bolstar	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
Boron	11/12/2001	mg/l	0.34		0.13	0.13	0.12	0.22	0.3		
	2/17/2002	mg/l	0.29		0.096	0.11	0.12	0.22	0.28		
Cadmium	11/12/2001	mg/l	ND		0.0068	ND	ND	ND	ND		
	2/17/2002	mg/l	ND		ND	ND	ND	ND	ND		
	2/12/2003	ug/l	0.22		0.094	0.16	0.098	0.044	ND	0.42	0.37
	2/25/2003	ug/l	1.4	2.1	2.2	1.4	2.4	0.1	0.23	0.96	0.77
	3/15/2003	ug/l	9.1	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	2/12/2003	ug/l	0.088		0.078	0.088	0.062	0.034	0.037	0.37	0.05
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	11/12/2001	mg/l	160		250	130	130	140	120		
	2/17/2002	mg/l	110		88	100	100	120	110		
Carbaryl	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Carbofuran	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Chlordane	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorpropham	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Chlorpyrifos (Dursban)	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
Chromium	11/12/2001	mg/l	ND		0.04	0.038	ND	ND	ND		
	2/17/2002	mg/l	ND		ND	ND	ND	0.005	0.0067		
	2/12/2003	ug/l	1		ND	0.3	ND	2.6	ND	40	68
	2/25/2003	ug/l	5.7	61	20	18	35	4.9	8.9	110	85
	3/15/2003	ug/l	99	ND	1.6	2.4	4.5	2.5	1.8	11	16

Wet Weather Flows (Continued)

Parameters	Sample Date	Units	San Juan Creek at Equestrian Park	San Juan Creek at Caspers	Trabuca Creek Upstream of Crown	Trabuca Creek Upstream of ATGC	Trabuca Creek Downstream of ATGC	Gobernadora Downstream of Cote De Coza	Gobernadora Upstream of Confluence with San Juan	Cristianitos Creek	Gabino Creek
Chromium, Dissolved	2/12/2003	ug/l	0.34		0.44	0.22	0.24	1.3	0.36	0.52	0.79
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	1
Cobalt	2/12/2003	ug/l	0.79		0.28	0.53	0.25	1.4	0.36	23	23
	2/25/2003	ug/l	6.5	26	12	6.2	13	2.5	6.3	45	35
	3/15/2003	ug/l	30	ND	2.3	1.9	2.5	4.2	3.2	21	28
Cobalt, Dissolved	2/12/2003	ug/l	0.3		0.18	0.2	0.18	0.28	0.24	6.6	0.15
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	11/12/2001	mg/l	ND		0.1	ND	ND	ND	ND		
	2/17/2002	mg/l	0.014		ND	ND	ND	ND	ND		
	2/12/2003	ug/l	5.3		4.2	4.1	2.7	6.3	3	38	58
	2/25/2003	ug/l	16	55	39	23	43	9.2	16	81	70
Copper, Dissolved	3/15/2003	ug/l	90	2.1	12	9.9	12	9.3	6.2	25	36
	2/12/2003	ug/l	3.4		3.5	2.7	2.7	4	2.6	1.3	3.5
	3/15/2003	ug/l	3.7	2.1	3.3	3.7	2.5	2.5	2.1	4.5	4.7
Coutmaphos	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
	2/12/2003	ug/l	0.032		0.393	0.539	0.401	0.419	0.337	0.237	0.355
	2/25/2003	ug/l	0.402	0.373	0.423	0.425	0.436	0.401	0.412	0.412	0.424
Del/Merphos	3/15/2003	ug/l	0.285	0.343	0.311	0.339	0.313	0.324	0.323	0.324	0.273
	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
delta-BHC	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
Demeton (Total)	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
Diazinon	2/17/2002	ug/l	ND		ND	ND	ND	0.12	ND		
Dichlorvos	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
Dieldrin	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethoate	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
Dissolved Organic Carbon	2/12/2003	mg/l	14		6.2	12	9.3	13	16	9.6	12
	2/25/2003	mg/l	12	19	7.7	7.1	9.2	15	14	16	19
	3/15/2003	mg/l	9.2	4.9	6.4	8.6	6.5	8.2	9.4	19	21
Disulfoton	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
Diuron	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Endosulfan I	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPN	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
EPTC	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
Ethion	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
Ethoprop	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
Fecal Coliform Group Bacteria	2/12/2003	MPN/100ml	800		900	7000	16000	1700	5000	5000	300
	2/13/2003	MPN/100ml	8000					13000		8000	
	2/25/2003	MPN/100ml	9000	8000	8000	24000	58000	28000	13000	47000	24000
	3/15/2003	MPN/100ml	3000	800	5000	>16000	>16000	>16000	9000	>16000	>16000
	3/16/2003	MPN/100ml								>16000	
Fensulfthion	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
Fenthion	2/17/2002	ug/l	ND		ND	ND	ND	ND	ND		
Fenuron	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Fluometuron	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
gamma-BHC (Lindane)	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hardness (as CaCO3)	2/12/2003	mg/l	230		180	210	240	220	210	140	170
	2/25/2003	mg/l	170	180	150	100	140	160	120	220	140
	3/15/2003	mg/l	290	55	100	110	120	120	180	150	180
Heptachlor	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND

Wet Weather Flows (Continued)

Parameters	Sample Date	Units	San Juan Creek at Equestrian Park	San Juan Creek at Caspers	Trabuca Creek Upstream of Crown	Trabuca Creek Upstream of ATGC	Trabuca Creek Downstream of ATGC	Gobernadora Downstream of Cote De Coza	Gobernadora Upstream of Confluence with San Juan	Cristianitos Creek	Gabino Creek
Lead	11/12/2001	mg/l	ND		0.02	ND	ND	ND	ND		
	2/17/2002	mg/l	ND		ND	ND	ND	ND	ND		
	2/12/2003	ug/l	0.9		0.32	0.48	0.16	1.8	0.32	37	56
	2/25/2003	ug/l	10	33	17	8	18	7.2	19	85	41
	3/15/2003	ug/l	22	ND	3.8	3.3	3.3	7.1	5.5	14	20
Lead, Dissolved	2/12/2003	ug/l	ND		ND	ND	0.13	3.9	ND	ND	0.19
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lihuron	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Magnesium	11/12/2001	mg/l	39		31	32	30	24	22		
	2/17/2002	mg/l	25		20		26	21	20		
Malathion	2/17/2002	ug/l	ND			ND	ND	ND	ND		
Mercury	11/12/2001	mg/l	ND		ND	ND	ND	ND	ND		
	2/17/2002	mg/l	ND		ND	ND	ND	ND	ND		
	2/12/2003	mg/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	mg/l	ND	0.00011	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mercury, Dissolved	2/12/2003	mg/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methomyl	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Methoxychlor	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mevinphos	2/17/2002	ug/l	ND			ND	ND	ND	ND		
Molybdenum	2/12/2003	ug/l	5.2		4.8	5.1	6.4	2.6	3.8	0.34	0.12
	2/25/2003	ug/l	1.5	1.1	1.5	2.9	2.5	2.5	1.4	0.26	0.14
	3/15/2003	ug/l	14	2	ND	1.3	1.5	ND	ND	ND	ND
Molybdenum, Dissolved	2/12/2003	ug/l	5.2		5.1	6	6.8	3	3.9	ND	0.5
	3/15/2003	ug/l	18	3	1.9	3	3.1	1.2	2.1	ND	ND
Monuron	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Naled	2/17/2002	ug/l	ND			ND	ND	ND	ND		
Neburon	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Nickel	2/12/2003	ug/l	2.5		1.1	2	0.86	2.1	0.92	31	36
	2/25/2003	ug/l	11	43	21	16	29	4.2	7.7	61	50
	3/15/2003	ug/l	93	1.2	4.7	4.8	7.1	5.2	4.2	21	25
Nickel, Dissolved	2/12/2003	ug/l	1.4		1.1	1.6	1.3	1.3	1	9.6	2
	3/15/2003	ug/l	2.9	ND	1.4	1.8	1.8	1.1	1.3	3.8	2.4
Nitrate-N	2/12/2003	mg/l	1.5		1.3	0.88	0.65	1.1	0.58	0.94	0.29
	2/25/2003	mg/l	0.46	1.4	0.51	0.37	0.45	0.89	0.6	0.63	1.1
	3/15/2003	mg/l	1.5	0.15	0.71	0.72	0.56	0.58	0.44	0.32	0.4
Nitrate-NO3	11/12/2001	mg/l	17		8.3	1.2	ND	2.9	2.9		
	2/17/2002	mg/l	12		3.8	ND	ND	0.57	0.92		
Nitrite-N	2/12/2003	mg/l	ND		0.15	ND	ND	0.15	ND	ND	ND
	2/25/2003	mg/l	ND	0.16	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Oil & Grease	2/12/2003	mg/l	11		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	mg/l	ND	4.9	ND	ND	ND	ND	ND	7.4	ND
	3/15/2003	mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Orthophosphate	11/12/2001	mg/l	ND		ND	ND	ND	ND	ND		
	2/17/2002	mg/l	ND		ND	ND	ND	ND	ND		
Orthophosphate - P	2/12/2003	mg/l	0.54		0.14	0.18	0.11	0.5	0.43	0.34	0.33
	2/25/2003	mg/l	0.76	1.1	0.67	0.46	0.72	0.77	1	ND	ND
	3/15/2003	mg/l	0.6	0.11	0.24	0.27	0.26	0.48	0.43	0.059	0.089
Oxaryl	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Parathion, ethyl	2/17/2002	ug/l	ND			ND	ND	ND	ND		
Parathion, methyl	2/17/2002	ug/l	ND			ND	ND	ND	ND		
pH	2/17/2002	pH Units	7.92		8.1	7.98	8.04	7.96	8.15		
Phorate	2/17/2002	ug/l	ND			ND	ND	ND	ND		
Phosphorus	2/12/2003	mg/l	0.07		0.14	0.16	0.029	0.49	0.38	0.39	0.42
	2/25/2003	mg/l	1.5	3	1.5	0.84	1.3	0.86	1.3	1.2	0.94
	3/15/2003	mg/l	1.3	ND	0.48	0.37	0.42	1.1	0.82	0.6	0.56
Propham	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Propoxur	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Row I (Pendimethalin)	2/17/2002	ug/l	ND			ND	ND	ND	ND		
Ronnel	2/17/2002	ug/l	ND			ND	ND	ND	ND		
Selenium	11/12/2001	mg/l	ND		0.01	ND	ND	ND	ND		
	2/17/2002	mg/l	0.0051		ND	ND	ND	ND	ND		
	2/12/2003	ug/l	0.73		0.99	1	1.2	ND	ND	5	2.8
	2/25/2003	ug/l	0.71		1.2	0.83	1.5	ND	0.72	2.8	1.3
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium, Dissolved	2/12/2003	ug/l	0.61		1.2	1.1	1.2	ND	ND	ND	0.86
	3/15/2003	ug/l	2.1	ND	ND	ND	ND	ND	ND	ND	ND
Siduron	2/17/2002	ug/L	ND		ND	ND	ND	ND	ND		
Silver	11/12/2001	mg/l	ND		ND	ND	ND	ND	ND		
	2/17/2002	mg/l	ND		ND	ND	ND	ND	ND		
	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	0.26	0.29
	2/25/2003	ug/l	ND	0.31	0.15	0.15	0.3	ND	0.066	0.52	0.42
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND

Wet Weather Flows (Continued)

Parameters	Sample Date	Units	San Juan Creek at Equestrian Park	San Juan Creek at Caspers	Trabuca Creek Upstream of Crown	Trabuca Creek Upstream of ATGC	Trabuca Creek Downstream of ATGC	Gobernadora Downstream of Cote De Coza	Gobernadora Upstream of Confluence with San Juan	Cristianitos Creek	Gabino Creek
Silver, Dissolved	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	11/12/2001	mg/l	150		62	110	100	180	190		
	2/17/2002	mg/l	110		71	84	87	160	160		
Stirophos	2/17/2002	ug/l	ND				ND	ND	ND		
Sulfate	11/12/2001	mg/l	380		150	240	240	210	210		
	2/17/2002	mg/l	230		160	200	210	150	180		
Sulfotep	2/17/2002	ug/l	ND			ND	ND	ND	ND		
Tetrachloro-m-xylene	2/12/2003	ug/l	0.0209		0.251	0.361	0.312	0.335	0.185	0.161	0.177
	2/25/2003	ug/l	0.316	0.311	0.318	0.32	0.302	0.28	0.324	0.349	0.364
	3/15/2003	ug/l	0.247	0.306	0.268	0.254	0.264	0.245	0.242	0.307	0.281
Thallium	2/12/2003	ug/l	0.12		0.093	ND	ND	ND	ND	0.77	1.4
	2/25/2003	ug/l	0.32	1.1	0.48	0.39	0.74	0.13	0.29	2.4	1.1
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium, Dissolved	2/12/2003	ug/l	0.13		0.12	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tokuthion	2/17/2002	ug/l	ND			ND	ND	ND	ND		
Total Coliform Group Bacteria	2/12/2003	MPN/100ml	16000		9000	90000	24000	5000	5000	5000	500
	2/13/2003	MPN/100ml	30000					30000		50000	
	2/25/2003	MPN/100ml	24000	50000	30000	300000	140000	240000	13000	120000	24000
	3/15/2003	MPN/100ml	>16000	1400	>16000	>16000	>16000	>16000	>16000	>16000	>16000
	3/16/2003	MPN/100ml								>16000	
Total Dissolved Solids	2/12/2003	mg/l	500		360	400	440	460	540	230	310
	2/25/2003	mg/l	390	310	210	220	280	500	350	560	440
	3/15/2003	mg/l	440	120	180	250	240	230	380	540	420
Total Kjeldahl Nitrogen	2/12/2003	mg/l	0.56		ND	ND	ND	ND	1.1	ND	0.84
	2/25/2003	mg/l	0.84	0.84	ND	ND	3.1	ND	2.2	6.2	ND
	3/15/2003	mg/l	2.8	ND	1.1	ND	1.1	0.56	0.56	1.7	2
Total Suspended Solids	11/12/2001	mg/l	43		4200	31	ND	58	19		
	2/17/2002	mg/l	ND		ND	ND	ND	ND	ND		
	2/12/2003	mg/l	13		ND	74	ND	180	ND	6000	5600
	2/25/2003	mg/l	1400	2700	3000	680	1500	290	820	9400	3900
	3/15/2003	mg/l	3100	44	660	380	480	1300	1300	5800	4800
Toxaphene	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	ND
	2/25/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloronate	2/17/2002	ug/l	ND			ND	ND	ND	ND		
Trifluralin	2/17/2002	ug/l	ND			ND	ND	ND	ND		
Vanadium	2/12/2003	ug/l	7.4		4.4	4.6	2.9	7.9	3	92	110
	2/25/2003	ug/l	25	100	63	40	77	12	29	200	120
	3/15/2003	ug/l	170	4.3	12	12	15	15	14	61	62
Vanadium, Dissolved	2/12/2003	ug/l	2.9		2.1	1.6	1.4	2.5	2.3	ND	ND
	3/15/2003	ug/l	5.3	1.7	3.1	3.7	2.6	3.8	6.6	ND	1.4
Volatile Fuel Hydrocarbons (C)	2/12/2003	ug/l	ND		ND	ND	ND	ND	ND	ND	10
	2/25/2003	ug/l	ND	ND	ND	10	11	11	11	14	18
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	11/12/2001	mg/l	0.036		0.45	ND	ND	ND	ND		
	2/17/2002	mg/l	0.023		ND	ND	ND	ND	ND		
	2/12/2003	ug/l	16		9.1	10	6.1	21	5.3	140	210
	2/25/2003	ug/l	60	190	150	85	150	37	76	370	240
	3/15/2003	ug/l	360	ND	43	36	39	47	25	90	100
Zinc, Dissolved	2/12/2003	ug/l	13		14	10	9.3	14	15	26	8.6
	3/15/2003	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND

Dry Weather Flows

Parameters	Sample Date	Units	San Juan Creek at Equestrian Park	Trabuca Creek Upstream of Crown	Trabuca Creek Upstream of ATGC	Trabuca Creek Downstream of ATGC	Gobernadora Downstream of Cote De Coza	Gobernadora Upstream of Confluence with San Juan
Alkalinity as CaCO3	10/3/2001	mg/l	200	200	230	250	310	340
	10/29/2001	mg/l	230	180	240	230	42	330
	9/24/2002	mg/l	230	210	260	250	360	360
Ammonia-N	10/3/2001	mg/l	0.86	ND	ND	ND	ND	ND
	10/29/2001	mg/l	ND	ND	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND	ND	ND	ND	ND
Arsenic	9/24/2002	mg/l	0.0015	0.0015	0.0015	0.0015	0.013	0.0015
Azinphos methyl	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Barban	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Bolstar	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Boron	10/3/2001	mg/l	0.38	0.13	0.15	0.15	0.28	0.35
	10/29/2001	mg/l	0.31	0.11	0.13	0.13	0.24	0.31
	9/24/2002	mg/l	0.48	0.14	0.17	0.16	0.33	0.36
Cadmium	10/3/2001	mg/l	ND	ND	ND	ND	ND	ND
	10/29/2001	mg/l	ND	ND	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND	ND	ND	ND	ND
Calcium	10/3/2001	mg/l	180	120	140	140	150	130
	10/29/2001	mg/l	140	100	130	130	140	120
	9/24/2002	mg/l	160	110	140	140	150	120
Carbaryl	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Carbofuran	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Chloroprotham	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Chlorpyrifos	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Chromium	10/3/2001	mg/l	ND	ND	ND	ND	ND	ND
	10/29/2001	mg/l	ND	ND	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND	ND	ND	ND	ND
Copper	10/3/2001	mg/l	ND	ND	ND	ND	ND	ND
	10/29/2001	mg/l	ND	ND	ND	ND	ND	ND
	9/24/2002	mg/l	0.011	ND	ND	ND	ND	ND
Coumaphos	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Demeton	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Diazinon	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Dichlorvos	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Dimethoate	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Disulfoton	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Diuron	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Enterococcus	9/24/2002	MPN/100ml	>2419.2	59	>2419.2	57	517	354
EPN	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Ethion	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Ethoprop	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Fecal Coliform	9/24/2002	MPN/100ml	>=1600	30	>=1600	50	300	70
Fensulfothion	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Fenthion	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Fenuron	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Fluometuron	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Group Coliform	9/24/2002	MPN/100ml	>=1600	1600	>=1600	300	>=1600	1600
Lead	10/3/2001	mg/l	ND	ND	ND	ND	ND	ND
	10/29/2001	mg/l	ND	ND	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND	ND	ND	ND	ND
Linuron	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Magnesium	10/3/2001	mg/l	44	25	33	33	25	22
	10/29/2001	mg/l	36	24	31	31	24	21
	9/24/2002	mg/l	43	26	35	34	29	21
Malathion	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Mercury	10/3/2001	mg/l	ND	ND	ND	ND	ND	ND
	10/29/2001	mg/l	ND	ND	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND	ND	ND	ND	ND
Merphos	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Methomyl	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND

Dry Weather Flows (Continued)

Parameters	Sample Date	Units	San Juan Creek at Equestrian Park	Trabuca Creek Upstream of Crown	Trabuca Creek Upstream of ATGC	Trabuca Creek Downstream of ATGC	Gobernadora Downstream of Cote De Coza	Gobernadora Upstream of Confluence with San Juan
Mevinphos	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Monocrotophos	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Monuron	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Naled	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Neburon	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Nitrate-NO3	10/3/2001	mg/l	76	ND	1.3	ND	ND	ND
	10/29/2001	mg/l	21	ND	ND	ND	ND	1.1
	9/24/2002	mg/l	23	ND	ND	ND	ND	ND
Orthophosphate	10/3/2001	mg/l	ND	ND	ND	ND	ND	ND
	10/29/2001	mg/l	ND	ND	ND	ND	ND	ND
	9/24/2002	mg/l	6.2	ND	ND	ND	ND	ND
Oxamyl	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Parathion-ethyl	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Parathion-methyl	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
pH	10/29/2001	pH Units	6.68	8.36	8.06	8.11	8.32	8.14
	9/24/2002	pH Units	7.97	8.3	8.13	8.24	8.31	8.3
Phorate	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Propham	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Propoxur	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Ronnel	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Selenium	10/3/2001	mg/l	ND	ND	ND	ND	ND	ND
	10/29/2001	mg/l	ND	ND	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND	ND	ND	ND	ND
Siduron	9/24/2002	µg/L	ND	ND	ND	ND	ND	ND
Silver	9/24/2002	mg/l	ND	ND	ND	ND	ND	ND
Sodium	10/3/2001	mg/l	150	93	110	110	200	210
	10/29/2001	mg/l	120	84	99	98	180	180
	9/24/2002	mg/l	170	99	120	120	240	220
Stirophos	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Sulfate	10/3/2001	mg/l	410	240	280	280	230	240
	10/29/2001	mg/l	440	210	270	260	220	230
	9/24/2002	mg/l	410	190	260	260	210	210
Sulfotep	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Thionazin	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Tokuthion (Prothiofos)	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Total Chlorine	10/3/2001	mg/l	ND	ND	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND	ND	ND	ND	ND
Total Suspended Solids	10/3/2001	mg/l	43	ND	29	ND	ND	ND
	10/29/2001	mg/l	16	ND	12	ND	ND	ND
	9/24/2002	mg/l	49	ND	ND	ND	ND	ND
Trichloronate	9/24/2002	ug/l	ND	ND	ND	ND	ND	ND
Triphenyl phosphate	9/24/2002	ug/l	1.36	1.4	1.08	0.339	1.28	1.1
Zinc	10/3/2001	mg/l	0.089	ND	ND	ND	ND	ND
	10/29/2001	mg/l	ND	ND	ND	ND	ND	ND
	9/24/2002	mg/l	0.029	ND	ND	ND	ND	ND

Groundwater Flows

Parameters	Sample Date	Units	Well #3	Well #9	Well #23	Well #25
1,1,1,2-Tetrachloroethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,1-Dichloroethene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,1-Dichloropropene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,2,3-Trichlorobenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,2,3-Trichloropropane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,2,4-Trichlorobenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,2,4-Trimethylbenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,2-Dichloropropane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,3,5-Trimethylbenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,3-Dichloropropane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
2,2-Dichloropropane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
2-Chlorotoluene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
4-Bromofluorobenzene	10/5/2001	ug/l		24.8	24.2	25.4
	3/13/2002	ug/l	24.3	24.8	24.6	25.6
4-Chlorotoluene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND

Groundwater Flows (Continued)

Parameters	Sample Date	Units	Well #3	Well #9	Well #23	Well #25
Alkalinity as CaCO3	3/13/2002	mg/l	210	150	180	190
	9/24/2002	mg/l	240	170		210
Azinphos methyl	9/24/2002	ug/l	ND	ND		ND
Azinphosmethyl	3/13/2002	ug/l	ND	ND	ND	ND
Barban	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
Benzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Bolstar	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Boron	3/13/2002	mg/l	0.62	0.1	0.18	0.25
	9/24/2002	mg/l	0.64	0.11		0.21
Bromobenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Bromochloromethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Bromodichloromethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Bromofom	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Bromomethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Cadmium	10/3/2001	mg/l		ND	ND	ND
	3/13/2002	mg/l	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND		ND
Calcium	3/13/2002	mg/l	100	67	100	130
	9/24/2002	mg/l	100	76		140
Carbaryl	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
Carbofuran	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
Carbon tetrachloride	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Chloride	3/13/2002	mg/l	120	51	70	120
	9/24/2002	mg/l	140	60		150
Chlorobenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Chloroethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Chloroform	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Chloromethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Chloropropham	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
Chlorpyrifos	9/24/2002	ug/l	ND	ND		ND
Chlorpyrifos (Dursban)	3/13/2002	ug/l	ND	ND	ND	ND

Groundwater Flows (Continued)

Parameters	Sample Date	Units	Well #3	Well #9	Well #23	Well #25
Chromium	10/3/2001	mg/l		ND	ND	ND
	3/13/2002	mg/l	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND		ND
cis-1,2-Dichloroethene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
cis-1,3-Dichloropropene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Copper	10/3/2001	mg/l		ND	ND	ND
	3/13/2002	mg/l	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND		ND
Coumaphos	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Def	3/13/2002	ug/l	ND	ND	ND	ND
Demeton	9/24/2002	ug/l	ND	ND		ND
Demeton (Total)	3/13/2002	ug/l	ND	ND	ND	ND
Diazinon	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Dibromochloromethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Dibromofluoromethane	10/5/2001	ug/l		26	25.2	26.8
	3/13/2002	ug/l	25.1	26	25.3	26.2
Dibromomethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Dichlorodifluoromethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Dichlorvos	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Dimethoate	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Disulfoton	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Diuron	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
EPN	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
EPTC	3/13/2002	ug/l	ND	ND	ND	ND
Ethion	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Ethoprop	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Ethylbenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Fensulfothion	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Fenthion	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Fenuron	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
Fluometuron	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		

Groundwater Flows (Continued)

Parameters	Sample Date	Units	Well #3	Well #9	Well #23	Well #25
Hexachlorobutadiene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Isopropylbenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Lead	10/3/2001	mg/l		ND	ND	ND
	3/13/2002	mg/l	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND		ND
Linuron	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
m,p-Xylenes	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Magnesium	3/13/2002	mg/l	24	18	26	30
	9/24/2002	mg/l	24	20		34
Malathion	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Mercury	10/3/2001	mg/l		ND	ND	ND
	3/13/2002	mg/l	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND		ND
Merphos	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Methomyl	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
Methylene chloride	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Mevinphos	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Monocrotophos	9/24/2002	ug/l	ND	ND		ND
Monuron	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
Naled	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Naphthalene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
n-Butylbenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Neburon	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
Nitrate-NO3	3/13/2002	mg/l	ND	3	1.5	ND
	9/24/2002	mg/l	ND	4.8		ND
n-Propylbenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Orthophosphate	9/24/2002	mg/l	ND	ND		ND
Oxamyl	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
o-Xylene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Parathion, ethyl	3/13/2002	ug/l	ND	ND	ND	ND
Parathion, methyl	3/13/2002	ug/l	ND	ND	ND	ND
Parathion-ethyl	9/24/2002	ug/l	ND	ND		ND
Parathion-methyl	9/24/2002	ug/l	ND	ND		ND
pH	3/13/2002	pH Units	7.09	7.05	6.81	6.98

Groundwater Flows (Continued)

Parameters	Sample Date	Units	Well #3	Well #9	Well #23	Well #25
Phorate	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
p-Isopropyltoluene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Potassium	3/13/2002	mg/l	3	1.2	3.2	2.3
	9/24/2002	mg/l	3.3	1.6		3
Propham	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
Propoxur	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
Prowl (Pendimethalin)	3/13/2002	ug/l	ND	ND	ND	ND
Ronnel	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
sec-Butylbenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Selenium	10/3/2001	mg/l		ND	ND	ND
	3/13/2002	mg/l	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND		ND
Siduron	3/13/2002	µg/L	ND	ND	ND	ND
	9/24/2002	µg/L	ND	ND		
Sodium	3/13/2002	mg/l	130	42	61	100
	9/24/2002	mg/l	150	52		130
Specific Conductance	3/13/2002	umhos/cm	1300	700	1000	1300
	9/24/2002	umhos/cm	1300	780		1500
Stirophos	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Styrene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Sulfate	3/13/2002	mg/l	230	110	210	300
	9/24/2002	mg/l	250	120		380
Sulfotep	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Surrogate: Tributylphosphate	3/13/2002	%	99.9	98.8	100	90.7
Surrogate: Triphenylphosphate	3/13/2002	%	85.8	85.1	82.6	77.5
tert-Butylbenzene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Tetrachloroethene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Thionazin	9/24/2002	ug/l	ND	ND		ND
Tokuthion	3/13/2002	ug/l	ND	ND	ND	ND
Tokuthion (Prothiofos)	9/24/2002	ug/l	ND	ND		ND
Toluene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Toluene-d8	10/5/2001	ug/l		27.4	27.4	27.4
	3/13/2002	ug/l	25.9	25.5	24.9	25.8
Total Dissolved Solids	3/13/2002	mg/l	820	440	660	870
	9/24/2002	mg/l	850	500		1000
trans-1,2-Dichloroethene	10/5/2001	ug/l		ND	ND	ND

Groundwater Flows (Continued)

Parameters	Sample Date	Units	Well #3	Well #9	Well #23	Well #25
	3/13/2002	ug/l	ND	ND	ND	ND
trans-1,3-Dichloropropene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Trichloroethene	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Trichlorofluoromethane	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Trichloronate	3/13/2002	ug/l	ND	ND	ND	ND
	9/24/2002	ug/l	ND	ND		ND
Trifluralin	3/13/2002	ug/l	ND	ND	ND	ND
Triphenyl phosphate	9/24/2002	ug/l	0.709	1.03		0.923
Vinyl chloride	10/5/2001	ug/l		ND	ND	ND
	3/13/2002	ug/l	ND	ND	ND	ND
Zinc	10/3/2001	mg/l		ND	ND	ND
	3/13/2002	mg/l	ND	ND	ND	ND
	9/24/2002	mg/l	ND	ND		ND