

SHALLOW MONITORING WELLS AT THE HALSTEAD RECHARGE SITE SMW-H4 (380051097335601) AND SMW-H14 (380053097335101)

DATA COLLECTED FROM MAY 1997 TO SEPT 2010

90903	Coliphage,E coli,C13 pfu/100ml	10	--	--	--	--	--	--	--	--	--
90904	Coliphage,E coli,FAM pfu/100ml	10	--	--	--	--	--	--	--	--	--
90909	Enterococci, mEI,w cfu/100ml	10	--	--	--	--	--	--	--	--	--
90902	E. coli, modif m-TEC cfu/100ml	2	--	--	--	--	--	--	--	--	--
31625	Fecal coliform, M-FC MF, 0.7u cfu/100ml	109	--	--	--	--	--	--	--	--	--
31504	Total coliform, LES Endo,imm cfu/100ml	107	99	--	1.553*	*6.600	*0.259	*0.034	*0.004	*0.000	
01106	Aluminum, wf ug/l	49	--	--	--	--	--	--	--	--	--
01095	Antimony, wf ug/l	49	--	--	--	--	--	--	--	--	--
01000	Arsenic, wf ug/l	70	4.3	--	1.965*	*3.393	*2.463	*1.875	*1.467	*0.928	
01005	Barium, wf ug/l	49	503	161	293	491	315	280	237	199	
01010	Beryllium, wf ug/l	49	--	--	--	--	--	--	--	--	--
01020	Boron, wf ug/l	49	129	22	54.4	94.7	56.4	52.6	47.4	28.5	
71870	Bromide, wf mg/l	71	0.26	--	0.185*	*0.244	*0.210	*0.190	*0.170	*0.115	
01025	Cadmium, wf ug/l	49	0.481	--	0.111*	*0.215	*0.140	*0.093	*0.064	*0.039	
01030	Chromium, wf ug/l	49	--	--	--	--	--	--	--	--	--
01040	Copper, wf ug/l	49	--	--	--	--	--	--	--	--	--
00723	Cyanide, wf mg/l	49	0.009	--	0.001*	*0.007	*0.001	*0.000	*0.000	*0.000	
01046	Iron, wf ug/l	109	45.9	--	1.338*	*6.300	*0.619	*0.130	*0.027	*0.003	
01049	Lead, wf ug/l	49	--	--	--	--	--	--	--	--	--
01056	Manganese, wf ug/l	109	73	--	3.066*	*8.250	*2.318	*0.784	*0.254	*0.056	
71890	Mercury, wf ug/l	49	0.265	--	0.041*	*0.116	*0.050	*0.029	*0.016	*0.007	
01065	Nickel, wf ug/l	49	12	--	3.659*	*8.150	*5.195	*3.060	*1.895	*0.909	
01145	Selenium, wf ug/l	49	5.96	--	1.843*	*4.830	*2.460	*1.502	*0.964	*0.506	
01075	Silver, wf ug/l	49	--	--	--	--	--	--	--	--	--
01080	Strontium, wf ug/l	49	905	279	524	753	619	501	416	365	
01057	Thallium, wf ug/l	49	--	--	--	--	--	--	--	--	--
01085	Vanadium, wf ug/l	49	37.5	--	5.883*	*16.956	*6.229	*4.900	*2.964	*1.688	
01090	Zinc, wf ug/l	49	21	--	4.617*	*16.000	*6.285	*3.144	*1.775	*0.732	
75987	Alpha 2scu, wf,Th230 pCi/L	9	4.41	1.04	2.96	4.41	3.68	3.24	2.11	1.04	
04126	Alpha activity, wf, Th-230 pCi/L	11	10	--	4.175*	*10.020	*5.480	*3.640	*1.833	*1.351	
75989	Beta 2scu, wf,Cs137 pCi/L	9	4.89	1.92	4.08	4.89	4.57	4.28	4	1.92	
99337	Gross alpha 2X CL,wf pCi/L	10	--	--	--	--	--	--	--	--	
99323	Gross beta MDC,wf pCi/L	10	--	--	--	--	--	--	--	--	
03515	Gross beta, wf,Cs-137 pCi/L	11	9.63	--	5.737*	*9.630	*7.830	*6.030	*3.029	*2.365	

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT

STATISTICAL SUMMARY OF ARSENIC SPECIATION DATA COLLECTED FROM MAY 1997 TO SEPT 2010

WATER-QUALITY CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
	SAMPLE SIZE				(MEDIAN)				5%
		MAXIMUM	MINIMUM	MEAN	95%	75%	50%	25%	
62453 Arsenate, wf ug/L as As	16	2.16	--	1.627*	*2.163	*1.910	*1.616	*1.326	*1.063
62452 Arsenite, wf ug/L as As	16	--	--	--	--	--	--	--	--
62455 Dimethylarsinate, wf ug/L as As	16	--	--	--	--	--	--	--	--
62454 Monomethylarsonate, wf ug/L as As	16	--	--	--	--	--	--	--	--

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT

STATISTICAL SUMMARY OF TRIAZINE HERBICIDE SCREEN DATA COLLECTED FROM MAY 1997 TO SEPT 2010

WATER-QUALITY CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
	SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	(MEDIAN)				
					95%	75%	50%	25%	5%
00095 Specific cond at 25C uS/cm @25C	108	2020	473	811	1320	840	762	671	569
34756 Triazines, ELISA, wf ugAtrazn/L	105	0.53	--	0.077*	*0.221	*0.102	*0.052	*0.028	*0.012
34757 Triazines, ELISA, wu ugAtrazn/L	105	0.53	--	0.077*	*0.221	*0.102	*0.052	*0.028	*0.012

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT

STATISTICAL SUMMARY OF COMMONLY USED PESTICIDES AND THEIR DEGRADATES DATA COLLECTED FROM MAY 1997 TO SEPT 2010

WATER-QUALITY CONSTITUENT	DESCRIPTIVE STATISTICS					PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
	SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN		95%	75%	(MEDIAN) 50%	25%	5%
SAMPLES ANALYZED BY THE ORGANIC GEOCHEMISTRY RESEARCH LABORATORY										
TRIAZINE HERBICIDES ANALYZED BY GC/MS										
04040 CIAT, wf	35	0.44	--	0.078*		*0.432	*0.080	*0.041	*0.019	*0.006
04038 CEAT, wf	33	--	--	--		--	--	--	--	--
49260 Acetochlor, wf	35	--	--	--		--	--	--	--	--
46342 Alachlor, wf	35	--	--	--		--	--	--	--	--
38401 Ametryn, wf	33	--	--	--		--	--	--	--	--
39632 Atrazine, wf	35	0.52	--	0.068*		*0.464	*0.070	*0.050	*0.017	*0.006
61709 Cyanazine amide, wf	33	--	--	--		--	--	--	--	--
04041 Cyanazine, wf	35	--	--	--		--	--	--	--	--
61588 Dimethenamid, wf	14	--	--	--		--	--	--	--	--
62481 Flufenacet, wf	14	--	--	--		--	--	--	--	--
39415 Metolachlor, wf	35	--	--	--		--	--	--	--	--
04037 Prometon, wf	35	--	--	--		--	--	--	--	--
04036 Prometryn, wf	33	--	--	--		--	--	--	--	--
04024 Propachlor, wf	35	--	--	--		--	--	--	--	--
38535 Propazine, wf	33	--	--	--		--	--	--	--	--
04035 Simazine, wf	35	--	--	--		--	--	--	--	--
38888 Terbutryn, wf	33	--	--	--		--	--	--	--	--
ACETANILIDE ACIDS										
61029 Acetochlor ESA, w, gf<.7u ug/l	2	--	--	--		--	--	--	--	--
61030 Acetochlor OA, w, gf<.7u ug/l	2	--	--	--		--	--	--	--	--
50009 Alachlor ESA, w, gf<.7u ug/l	2	--	--	--		--	--	--	--	--
61031 Alachlor OA, w, gf<.7u ug/l	2	--	--	--		--	--	--	--	--
61951 Dimethenamid ESA, wf ug/l	2	--	--	--		--	--	--	--	--
62482 Dimethenamid OA, wf ug/l	2	--	--	--		--	--	--	--	--
61952 Flufenacet ESA, wf ug/l	2	--	--	--		--	--	--	--	--
62483 Flufenacet OA, wf ug/l	2	--	--	--		--	--	--	--	--
61043 Metolachlor ESA, w, gf<.7u ug/l	2	--	--	--		--	--	--	--	--
61044 Metolachlor OA, w, gf<.7u ug/l	2	--	--	--		--	--	--	--	--
GLYPHOSATE AND METABOLITES										
SAMPLES ANALYZED BY THE NATIONAL WATER QUALITY LABORATORY										
49295 1-Naphthol, w, gf<.7u ug/l	15	--	--	--		--	--	--	--	--
39742 2,4,5-T, wf ug/l	11	--	--	--		--	--	--	--	--
39732 2,4-D, wf ug/l	13	--	--	--		--	--	--	--	--
38746 2,4-DB, w, gf<.7u ug/l	13	--	--	--		--	--	--	--	--
82660 26Diethylaniline, gf ug/l	43	--	--	--		--	--	--	--	--
61618 2Chloro2'6'diethylacetanilide ug/l	8	--	--	--		--	--	--	--	--
04040 CIAT, wf ug/l	43	0.299	0.003	0.039		0.208	0.034	0.012	0.005	0.003
61620 2-Ethyl-6-methylaniline, wf ug/l	8	--	--	--		--	--	--	--	--
49299 DNOC, w, gf<.7u ug/l	11	--	--	--		--	--	--	--	--
61625 3,4-Dichloroaniline, wf ug/l	8	--	--	--		--	--	--	--	--

61666	Phorate oxon, wf ug/l	8	--	--	--	--	--	--	--	--
82664	Phorate, w,gf<.7u ug/l	43	--	--	--	--	--	--	--	--
61668	Phosmet oxon, wf ug/l	8	--	--	--	--	--	--	--	--
61601	Phosmet, wf ug/l	8	--	--	--	--	--	--	--	--
49291	Picloram, w,gf<.7u ug/l	13	--	--	--	--	--	--	--	--
04037	Prometon, wf ug/l	43	0.02	--	0.006*	*0.013	*0.008	*0.005	*0.004	*0.003
04036	Prometryn, wf ug/l	8	--	--	--	--	--	--	--	--
82676	Propyzamide,w,gf<.7u ug/l	43	--	--	--	--	--	--	--	--
04024	Propachlor, wf ug/l	35	--	--	--	--	--	--	--	--
82679	Propanil, w,gf<.7u ug/l	35	--	--	--	--	--	--	--	--
82685	Propargite, w,gf<.7u ug/l	35	--	--	--	--	--	--	--	--
49236	Propham, w,gf<.7u ug/l	13	--	--	--	--	--	--	--	--
38538	Propoxur, w,gf<.7u ug/l	13	--	--	--	--	--	--	--	--
39762	Silvex, wf ug/l	11	--	--	--	--	--	--	--	--
04035	Simazine, wf ug/l	43	--	--	--	--	--	--	--	--
82670	Tebuthiuron,w,gf<.7u ug/l	43	0.005	--	0.003*	*0.004	*0.003	*0.003	*0.003	*0.002
82665	Terbacil, w,gf<.7u ug/l	35	--	--	--	--	--	--	--	--
61674	Terbufos oxon sulfone, wf ug/l	8	--	--	--	--	--	--	--	--
82675	Terbufos, w,gf<.7u ug/l	43	--	--	--	--	--	--	--	--
04022	Terbutylazine, wf ug/l	8	--	--	--	--	--	--	--	--
82681	Thiobencarb,w,gf<.7u ug/l	35	--	--	--	--	--	--	--	--
82678	Triallate, w,gf<.7u ug/l	35	--	--	--	--	--	--	--	--
61610	Tribuphos, wf ug/l	8	--	--	--	--	--	--	--	--
49235	Triclopyr, w,gf<.7u ug/l	13	--	--	--	--	--	--	--	--
82661	Trifluralin,w,gf<.7u ug/l	43	--	--	--	--	--	--	--	--
39702	Hexachlorobutadiene, wu ug/l	23	--	--	--	--	--	--	--	--
38775	Dichlorvos, wf ug/l	8	--	--	--	--	--	--	--	--

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT

STATISTICAL SUMMARY OF VOLATILE ORGANIC COMPOUNDS DATA COLLECTED FROM MAY 1997 TO SEPT 2010

34696	Naphthalene, wu ug/l	27	--	--	--	--	--	--	--	--	--
77342	n-Butylbenzene, wu ug/l	25	--	--	--	--	--	--	--	--	--
77224	n-Propylbenzene, wu ug/l	25	--	--	--	--	--	--	--	--	--
77350	sec-Butylbenzene, wu ug/l	25	--	--	--	--	--	--	--	--	--
77128	Styrene, wu ug/l	25	--	--	--	--	--	--	--	--	--
78032	MTBE, wu ug/l	25	--	--	--	--	--	--	--	--	--
77353	t-Butylbenzene, wu ug/l	25	--	--	--	--	--	--	--	--	--
34475	Tetrachloroethene, wu ug/l	25	--	--	--	--	--	--	--	--	--
32102	Tetrachloromethane, wu ug/l	25	--	--	--	--	--	--	--	--	--
34010	Toluene, wu ug/l	25	--	--	--	--	--	--	--	--	--
34546	trans-1,2-Dichloroethene, wu ug/l	25	--	--	--	--	--	--	--	--	--
34699	trans-1,3-Dichloropropene, wu ug/l	25	--	--	--	--	--	--	--	--	--
32104	Tribromomethane, wu ug/l	25	--	--	--	--	--	--	--	--	--
39180	Trichloroethene, wu ug/l	25	--	--	--	--	--	--	--	--	--
34488	CFC-11, wu ug/l	25	--	--	--	--	--	--	--	--	--
32106	Trichloromethane, wu ug/l	25	--	--	--	--	--	--	--	--	--
39175	Vinyl chloride, wu ug/l	25	--	--	--	--	--	--	--	--	--

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT

**DEEP MONITORING WELLS AT THE HALSTEAD RECHARGE SITE,
DMW-H1 (380052097335701) AND DMW-H13 (38005309335102)**

DATA COLLECTED FROM MAY 1997 TO SEPT 2010

WATER-QUALITY CONSTITUENT	DESCRIPTIVE STATISTICS					PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
	SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	(MEDIAN)				
						75%	50%	25%	5%	
72020 Elevation above NGVD ft	111	1410	1350	1380	1400	1390	1380	1380	1360	
72019 WaterLevel, BelowLSD ft	111	73.2	20.9	41.6	60.4	49.6	43.4	29.2	23.3	
00010 Temperature, water deg C	111	16.5	14.9	15.8	16.3	16.1	15.8	15.5	15.2	
00020 Temperature, air deg C	107	38	-1.5	22	35.3	30	24	14	3.8	
00025 Air pressure mm/Hg	108	740	717	727	736	730	727	724	718	
00300 Dissolved oxygen mg/l	109	1.88	0.01	0.211	0.69	0.25	0.13	0.09	0.04	
00400 pH std units	111	7.26	5.96	7.01	7.2	7.12	7.04	6.96	6.55	
00403 pH, wu,lab std units	108	7.74	6.77	7.16	7.4	7.19	7.14	7.08	7.02	
00095 Specific cond at 25C uS/cm @25C	111	843	333	697	833	821	799	516	336	
90095 SpecCond,wu25degCLab uS/cm @25C	108	973	335	700	882	825	788	627	341	
63001 Redox potential, raw mV	65	70	-190	-48.9	7.9	-30	-50	-75.4	-97	
63002 Redox potential, SHE mV	67	290	20	161	216	180	160	140	114	
63675 Turbidity, Nephelom NTU	108	10.4	0.18	2.19	7.95	2.96	1.4	0.709	0.289	
63676 Turbidity, NephRatio NTRU	105	4.91	--	0.580*	*2.864	*0.570	*0.200	*0.061	*0.020	
99872 Turbidity,Hach2100,l NTU	11	--	--	--	--	--	--	--	--	
00901 Carbonate hardness, wu mg/l CaCO3	108	318	111	252	314	297	284	224	119	
00900 Hardness, water mg/l CaCO3	108	319	111	252	315	298	284	224	120	
00915 Calcium, wf mg/l	108	105	37.2	81.3	102	96	91.2	74.7	39.3	
00925 Magnesium, wf mg/l	108	16.8	4.41	11.8	15.2	14.1	13.3	9.98	4.83	
00935 Potassium, wf mg/l	108	3.46	1.89	2.61	3.13	2.83	2.67	2.43	2.03	
00930 Sodium, wf mg/l	108	74.5	27.3	58.2	72.1	68.3	65.6	48.6	28.6	
39087 Alkalinity, wf,inflect pt,lab mg/l CaCO3	107	278	148	241	274	270	264	218	157	
29806 HCO3, wf, inflection pt, lab mg/l	108	339	180	293	334	329	322	247	191	
29809 CO3, wf, inflection pt, lab mg/l	108	1	0	0.019	0	0	0	0	0	
00940 Chloride, wf mg/l	108	133	5	48.4	66	61	58.3	41.4	5.85	
00950 Fluoride, wf mg/l	71	0.42	0.02	0.262	0.378	0.32	0.26	0.2	0.156	
00955 Silica, wf mg/l	67	25.3	20	22.4	24.3	23.1	22.4	21.6	20.6	
00945 Sulfate, wf mg/l	108	110	7.4	59.6	84.7	77	70	38.8	9.96	
00500 ROE at 105C, wu mg/l	49	606	168	398	557	524	490	223	179	
70300 Residue, ROE@180C,wf mg/l	108	528	178	425	512	495	486	371	195	
70301 Residue, wf, sum mg/l	108	571	182	422	516	494	475	350	215	
00530 Residue,total nonflt mg/l	108	36.4	--	1.305*	*5.727	*0.769	*0.203	*0.053	*0.008	
00608 Ammonia, wf mg/l as N	108	1.64	0.03	0.213	0.27	0.24	0.217	0.16	0.103	
00618 Nitrate, wf mg/l as N	68	--	--	*****	--	--	--	--	--	
00631 NO3+NO2, wf mg/l as N	108	3.89	--	0.104*	*0.569	*0.025	*0.009	*0.002	*0.000	
00613 Nitrite, wf mg/l as N	68	--	--	--	--	--	--	--	--	
00671 Orthophosphate, wf mg/l as P	71	0.19	0.01	0.103	0.18	0.14	0.11	0.06	0.02	
00666 Phosphorus, wf mg/l	106	0.27	0.03	0.219	0.267	0.24	0.22	0.208	0.16	

00681	Organic carbon, wf mg/l	2	1.14	0.69	--	--	--	--	--	--	--
00680	Organic carbon, wu mg/l	49	1.57	0.42	1.01	1.45	1.3	1.21	0.611	0.43	
90915	Clostridium perfring cfu/100ml	11	--	--	--	--	--	--	--	--	--
90903	Coliphage,E coli,C13 pfu/100ml	11	--	--	--	--	--	--	--	--	--
90904	Coliphage,E coli,FAM pfu/100ml	11	--	--	--	--	--	--	--	--	--
90909	Enterococci, mEI,w cfu/100ml	11	--	--	--	--	--	--	--	--	--
90902	E. coli, modif m-TEC cfu/100ml	2	--	--	--	--	--	--	--	--	--
31625	Fecal coliform, M-FC MF, 0.7u cfu/100ml	108	--	--	--	--	--	--	--	--	--
31504	Total coliform, LES Endo,imm cfu/100ml	106	--	--	*****	--	--	--	--	--	--
01106	Aluminum, wf ug/l	49	--	--	--	--	--	--	--	--	--
01095	Antimony, wf ug/l	49	--	--	--	--	--	--	--	--	--
01000	Arsenic, wf ug/l	71	23.4	1.7	13.6	21.8	18.9	12.2	9.57	5.09	
01005	Barium, wf ug/l	49	388	75.7	190	378	213	151	140	77.6	
01010	Beryllium, wf ug/l	49	--	--	--	--	--	--	--	--	--
01020	Boron, wf ug/l	49	68.8	20	44.7	59.7	52.2	48.2	38.9	21	
71870	Bromide, wf mg/l	71	0.25	--	0.145*	*0.234	*0.210	*0.190	*0.050	*0.028	
01025	Cadmium, wf ug/l	49	0.25	--	0.054*	*0.195	*0.070	*0.037	*0.020	*0.009	
01030	Chromium, wf ug/l	49	--	--	--	--	--	--	--	--	--
01040	Copper, wf ug/l	49	--	--	--	--	--	--	--	--	--
00723	Cyanide, wf mg/l	49	0.009	--	0.002*	*0.008	*0.003	*0.001	*0.001	*0.000	
01046	Iron, wf ug/l	108	1260	7.9	498	1050	817	350	214	26.2	
01049	Lead, wf ug/l	49	--	--	--	--	--	--	--	--	--
01056	Manganese, wf ug/l	108	794	207	568	773	714	597	522	239	
71890	Mercury, wf ug/l	49	0.25	--	0.052*	*0.125	*0.069	*0.041	*0.025	*0.013	
01065	Nickel, wf ug/l	49	3.1	--	0.948*	*2.720	*1.535	*0.593	*0.269	*0.074	
01145	Selenium, wf ug/l	49	--	--	--	--	--	--	--	--	--
01075	Silver, wf ug/l	49	--	--	--	--	--	--	--	--	--
01080	Strontium, wf ug/l	49	840	211	495	765	651	556	297	215	
01057	Thallium, wf ug/l	49	--	--	--	--	--	--	--	--	--
01085	Vanadium, wf ug/l	49	--	--	--	--	--	--	--	--	--
01090	Zinc, wf ug/l	49	19	--	3.148*	*12.500	*3.867	*1.905	*0.936	*0.335	
75987	Alpha 2scu, wf,Th230 pCi/L	9	3.18	1.09	2.18	3.18	2.9	2.23	1.49	1.09	
04126	Alpha activity, wf, Th-230 pCi/L	11	--	--	--	--	--	--	--	--	--
75989	Beta 2scu, wf,Cs137 pCi/L	9	4.89	2.21	3.9	4.89	4.47	3.88	3.68	2.21	
99337	Gross alpha 2X CL,wf pCi/L	11	--	--	--	--	--	--	--	--	--
99323	Gross beta MDC,wf pCi/L	11	--	--	--	--	--	--	--	--	--
03515	Gross beta, wf,Cs-137 pCi/L	11	6.63	--	4.010*	*6.630	*4.750	*3.650	*2.661	*2.184	

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT

STATISTICAL SUMMARY OF ARSENIC SPECIATION DATA COLLECTED FROM MAY 1997 TO SEPT 2010

WATER-QUALITY CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
	SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	(MEDIAN)				
					95%	75%	50%	25%	5%
62453 Arsenate, wf ug/L as As	17	2.33	--	0.723*	*2.328	*0.757	*0.586	*0.466	*0.401
62452 Arsenite, wf ug/L as As	17	17.3	--	12.843*	*17.323	*16.108	*11.068	*10.400	*7.407
62455 Dimethylarsinate, wf ug/L as As	17	--	--	--	--	--	--	--	--
62454 Monomethylarsonate, wf ug/L as As	17	--	--	--	--	--	--	--	--

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT

STATISTICAL SUMMARY OF TRIAZINE HERBICIDE SCREEN DATA COLLECTED FROM MAY 1997 TO SEPT 2010

WATER-QUALITY CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
	SAMPLE SIZE				(MEDIAN)				5%
		MAXIMUM	MINIMUM	MEAN	95%	75%	50%	25%	
00095 Specific cond at 25C uS/cm @25C	109	843	333	700	833	821	801	570	336
34756 Triazines, ELISA, wf ugAtrazn/L	109	0.21	--	0.070*	*0.165	*0.088	*0.061	*0.042	*0.025
34757 Triazines, ELISA, wu ugAtrazn/L	109	0.21	--	0.070*	*0.165	*0.088	*0.061	*0.042	*0.025

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT

STATISTICAL SUMMARY OF COMMONLY USED PESTICIDES AND THEIR DEGRADATES DATA COLLECTED FROM MAY 1997 TO SEPT 2010

WATER-QUALITY CONSTITUENT	DESCRIPTIVE STATISTICS					PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN										
	SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN		(MEDIAN)				5%						
						95%	75%	50%	25%							
SAMPLES ANALYZED BY THE ORGANIC GEOCHEMISTRY RESEARCH LABORATORY																
TRIAZINE HERBICIDES ANALYZED BY GC/MS																
04040	CIAT, wf	41	--	--	--	--	--	--	--	--						
04038	CEAT, wf	39	--	--	--	--	--	--	--	--						
49260	Acetochlor, wf	41	--	--	--	--	--	--	--	--						
46342	Alachlor, wf	41	--	--	--	--	--	--	--	--						
38401	Ametryn, wf	39	--	--	--	--	--	--	--	--						
39632	Atrazine, wf	41	0.1	--	0.067*	*0.090	*0.080	*0.070	*0.056	*0.047						
61709	Cyanazine amide, wf	38	--	--	--	--	--	--	--	--						
04041	Cyanazine, wf	41	--	--	--	--	--	--	--	--						
61588	Dimethenamid, wf	14	--	--	--	--	--	--	--	--						
62481	Flufenacet, wf	14	--	--	--	--	--	--	--	--						
39415	Metolachlor, wf	41	--	--	--	--	--	--	--	--						
04037	Prometon, wf	41	--	--	--	--	--	--	--	--						
04036	Prometryn, wf	39	--	--	--	--	--	--	--	--						
04024	Propachlor, wf	41	--	--	--	--	--	--	--	--						
38535	Propazine, wf	39	--	--	--	--	--	--	--	--						
04035	Simazine, wf	41	--	--	--	--	--	--	--	--						
38888	Terbutryn, wf	39	--	--	--	--	--	--	--	--						
ACETANILIDE ACIDS																
61029	Acetochlor ESA, w, gf<.7u ug/l	2	--	--	--	--	--	--	--	--						
61030	Acetochlor OA, w, gf<.7u ug/l	2	--	--	--	--	--	--	--	--						
50009	Alachlor ESA, w, gf<.7u ug/l	2	0.16	0.16	--	--	--	--	--	--						
61031	Alachlor OA, w, gf<.7u ug/l	2	0.07	0.06	--	--	--	--	--	--						
61951	Dimethenamid ESA, wf ug/l	2	--	--	--	--	--	--	--	--						
62482	Dimethenamid OA, wf ug/l	2	--	--	--	--	--	--	--	--						
61952	Flufenacet ESA, wf ug/l	2	--	--	--	--	--	--	--	--						
62483	Flufenacet OA, wf ug/l	2	--	--	--	--	--	--	--	--						
61043	Metolachlor ESA, w, gf<.7u ug/l	2	0.09	0.05	--	--	--	--	--	--						
61044	Metolachlor OA, w, gf<.7u ug/l	2	0.11	0.06	--	--	--	--	--	--						
GLYPHOSATE AND METABOLITES																
SAMPLES ANALYZED BY THE NATIONAL WATER QUALITY LABORATORY																
49295	1-Naphthol, w, gf<.7u ug/l	16	--	--	--	--	--	--	--	--						
39742	2,4,5-T, wf ug/l	11	--	--	--	--	--	--	--	--						
39732	2,4-D, wf ug/l	13	--	--	--	--	--	--	--	--						
38746	2,4-DB, w, gf<.7u ug/l	13	--	--	--	--	--	--	--	--						
82660	26Diethylaniline, gf ug/l	44	0.003	--	0.003*	*0.003	*0.003	*0.003	*0.002	*0.002						
61618	2Chloro2'6'diethylacetanilide ug/l	9	--	--	--	--	--	--	--	--						
04040	CIAT, wf ug/l	44	0.022	--	0.005*	*0.010	*0.006	*0.004	*0.002	*0.001						

61601	Phosmet, wf ug/l	9	--	--	--	--	--	--	--	--	--
49291	Picloram, w, gf<.7u ug/l	13	--	--	--	--	--	--	--	--	--
04037	Prometon, wf ug/l	44	0.009	--	0.005*	*0.008	*0.006	*0.005	*0.003	*0.003	*0.003
04036	Prometryn, wf ug/l	9	--	--	--	--	--	--	--	--	--
82676	Propyzamide, w, gf<.7u ug/l	44	--	--	--	--	--	--	--	--	--
04024	Propachlor, wf ug/l	35	--	--	--	--	--	--	--	--	--
82679	Propanil, w, gf<.7u ug/l	35	--	--	--	--	--	--	--	--	--
82685	Propargite, w, gf<.7u ug/l	35	--	--	--	--	--	--	--	--	--
49236	Propham, w, gf<.7u ug/l	13	--	--	--	--	--	--	--	--	--
38538	Propoxur, w, gf<.7u ug/l	13	--	--	--	--	--	--	--	--	--
39762	Silvex, wf ug/l	11	--	--	--	--	--	--	--	--	--
04035	Simazine, wf ug/l	44	--	--	--	--	--	--	--	--	--
82670	Tebuthiuron, w, gf<.7u ug/l	44	0.008	--	0.005*	*0.007	*0.005	*0.004	*0.004	*0.003	
82665	Terbacil, w, gf<.7u ug/l	35	--	--	--	--	--	--	--	--	--
61674	Terbufos oxon sulfone, wf ug/l	9	--	--	--	--	--	--	--	--	--
82675	Terbufos, w, gf<.7u ug/l	44	--	--	--	--	--	--	--	--	--
04022	Terbutylazine, wf ug/l	9	--	--	--	--	--	--	--	--	--
82681	Thiobencarb, w, gf<.7u ug/l	35	--	--	--	--	--	--	--	--	--
82678	Triallate, w, gf<.7u ug/l	35	--	--	--	--	--	--	--	--	--
61610	Tribuphos, wf ug/l	9	--	--	--	--	--	--	--	--	--
49235	Triclopyr, w, gf<.7u ug/l	13	--	--	--	--	--	--	--	--	--
82661	Trifluralin, w, gf<.7u ug/l	44	--	--	--	--	--	--	--	--	--
39702	Hexachlorobutadiene, wu ug/l	22	--	--	--	--	--	--	--	--	--
38775	Dichlorvos, wf ug/l	9	--	--	--	--	--	--	--	--	--

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STATISTICAL SUMMARY OF VOLATILE ORGANIC COMPOUNDS DATA COLLECTED FROM MAY 1997 TO SEPT 2010

34668	CFC-12, wu ug/l	24	--	--	--	--	--	--	--	--	--
34423	Dichloromethane, wu ug/l	24	--	--	--	--	--	--	--	--	--
34371	Ethylbenzene, wu ug/l	24	--	--	--	--	--	--	--	--	--
39702	Hexachlorobutadiene, wu ug/l	26	--	--	--	--	--	--	--	--	--
34396	Hexachloroethane, wu ug/l	2	--	--	--	--	--	--	--	--	--
77223	Isopropylbenzene, wu ug/l	24	--	--	--	--	--	--	--	--	--
34696	Naphthalene, wu ug/l	26	--	--	--	--	--	--	--	--	--
77342	n-Butylbenzene, wu ug/l	24	--	--	--	--	--	--	--	--	--
77224	n-Propylbenzene, wu ug/l	24	--	--	--	--	--	--	--	--	--
77350	sec-Butylbenzene, wu ug/l	24	--	--	--	--	--	--	--	--	--
77128	Styrene, wu ug/l	24	--	--	--	--	--	--	--	--	--
78032	MTBE, wu ug/l	24	--	--	--	--	--	--	--	--	--
77353	t-Butylbenzene, wu ug/l	24	--	--	--	--	--	--	--	--	--
34475	Tetrachloroethene, wu ug/l	24	--	--	--	--	--	--	--	--	--
32102	Tetrachloromethane, wu ug/l	24	--	--	--	--	--	--	--	--	--
34010	Toluene, wu ug/l	24	--	--	--	--	--	--	--	--	--
34546	trans-1,2-Dichloroethene, wu ug/l	24	--	--	--	--	--	--	--	--	--
34699	trans-1,3-Dichloropropene, wu ug/l	24	--	--	--	--	--	--	--	--	--
32104	Tribromomethane, wu ug/l	24	--	--	--	--	--	--	--	--	--
39180	Trichloroethene, wu ug/l	24	--	--	--	--	--	--	--	--	--
34488	CFC-11, wu ug/l	24	--	--	--	--	--	--	--	--	--
32106	Trichloromethane, wu ug/l	24	--	--	--	--	--	--	--	--	--
39175	Vinyl chloride, wu ug/l	24	--	--	--	--	--	--	--	--	--

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