

Water Sample Results

Sample Date	Sample ID	Sample Time	Application Type	Sample Type	Site	Concentration (ppb)			
						2,4-D	Triclopyr	Glyphosate	Atrazine
5/1/1999	649	19:13	Ground	Storm runoff	A	-- ^a	--	--	ND ^b
	650	19:13		backup					N/A
	651	19:36	Ground	Storm runoff	A	--	--	--	ND
	652	19:36		backup					N/A
	653	20:36	Ground	Storm runoff	A	--	--	--	ND
	654	20:36		backup					N/A
	655	21:36	Ground	Storm runoff	A	--	--	--	ND
	656	21:36		backup					N/A
5/2/1999	677	11:22	Ground	Storm runoff	B	--		--	ND
	678	11:22	Ground	Storm runoff	B	--	ND		
	679	12:22	Ground	Storm runoff	B	--		--	ND
	680	12:22	Ground	Storm runoff	B	--	ND		
	681	13:22	Ground	Storm runoff	B	--		--	ND
	682	13:22	Ground	Storm runoff	B	--	ND		
	683	14:22	Ground	Storm runoff	B	--		--	ND
	684	14:22	Ground	Storm runoff	B	--	ND		
5/3/1999	638	11:20		Rinse blank			ND		
5/3/1999	637	11:20		Rinse blank					ND
5/2/1999	657	10:02	Ground	Storm runoff	C	--	--	--	ND
	658	10:02		backup					N/A
	659	11:02	Ground	Storm runoff	C	--	--	--	ND
	660	11:02		backup					N/A
	673	12:02	Ground	Storm runoff	C	--	--	--	ND
	674	12:02		backup					N/A
	675	13:02	Ground	Storm runoff	C	--	--	--	ND
	676	13:02		backup					N/A
5/5/1999	709	10:36	Aerial	Presample rinse	D	ND	ND		
	710	10:36	Aerial	Presample rinse	D				ND
5/14/1999	606	9:16	Aerial	Storm runoff	D	ND	ND	--	--
	607	9:16		backup		ND	ND	--	--
	610	12:10	Aerial	Storm runoff	D	ND	ND	--	--
	611	12:10		backup		ND	ND	--	--

Sample Date	Sample ID	Sample Time	Application Type	Sample Type	Site	Concentration (ppb)			
						2,4-D	Triclopyr	Glyphosate	Atrazine
9/16/1999	647	12:19	Aerial	Application	E	--	ND	--	--
	648	12:22	Aerial	Application	E	--	ND	--	--
	625	12:25	Aerial	Application	E	--	ND	--	--
	626	12:28	Aerial	Application	E	--	ND	--	--
	627	12:38	Aerial	Application	E	--	ND	--	--
	628	12:44	Aerial	Application	E	--	ND	--	--
	629	12:51	Aerial	Application	E	--	ND	--	--
	630	12:58	Aerial	Application	E	--	ND	--	--
9/14/1999	639	11:14	Aerial	Application	F	--	ND	--	--
	640	11:19	Aerial	Application	F	--	ND	--	--
	641	11:24	Aerial	Application	F	--	ND	--	--
	642	11:29	Aerial	Application	F	--	ND	--	--
	643	11:52	Aerial	Application	F	--	ND	--	--
	644	12:07	Aerial	Application	F	--	ND	--	--
	645	12:22	Aerial	Application	F	--	ND	--	--
	646	12:35	Aerial	Application	F	--	ND	--	--
9/20/1999	631	13:55	Aerial	Application	G	--	--	ND	--
	632	13:58	Aerial	Application	G	--	--	ND	--
	633	14:01	Aerial	Application	G	--	--	ND	--
	634	14:07	Aerial	Application	G	--	--	ND	--
	635	14:12	Aerial	Application	G	--	--	ND	--
	636	14:18	Aerial	Application	G	--	--	ND	--
	662	15:55		Rinse blank				ND	
10/27/1999	717	11:40	Aerial	Storm runoff	E	--	0.255 ppb	--	--
	718	12:40	Aerial	Storm runoff	E	--	0.174 ppb	--	--
	719	13:40	Aerial	Storm runoff	E	--	0.251 ppb	--	--
	720	14:40	Aerial	Storm runoff	E	--	0.430 ppb	--	--
	697	15:40	Aerial	Storm runoff	E	--	0.389 ppb	--	--
	698	16:40	Aerial	Storm runoff	E	--	0.243 ppb	--	--
	699	17:40	Aerial	Storm runoff	E	--	0.219 ppb	--	--
	700	18:40	Aerial	Storm runoff	E	--	0.204 ppb	--	--
10/27/1999	671	10:06	Aerial	Storm runoff	F	--	ND	--	--

Sample Date	Sample ID	Sample Time	Application Type	Sample Type	Site	Concentration (ppb)			
						2,4-D	Triclopyr	Glyphosate	Atrazine
4/16/2000	685	12:40	Ground	Storm runoff	H	--	--	--	ND
	686	13:40	Ground	Storm runoff	H	--	--	--	ND
	687	14:40	Ground	Storm runoff	H	--	--	--	ND
	688	15:40	Ground	Storm runoff	H	--	--	--	ND
	689	16:40	Ground	Storm runoff	H	--	--	--	ND
	690	17:40	Ground	Storm runoff	H	--	--	--	ND
	691	18:40	Ground	Storm runoff	H	--	--	--	ND
	692	19:40	Ground	Storm runoff	H	--	--	--	ND
4/17/2000	693	9:45		Rinse blank	H	--	--	--	ND
4/23/2000	721	7:03		Presample rinse	I	ND	ND		
4/24/2000	730	10:00		Presample rinse	J	ND	ND		
4/25/2000		10:14	Aerial	Storm runoff	J	0.103	0.122	--	--
4/25/2000	702	7:28	Ground	Storm runoff	K	--	--	--	ND
	703	8:28	Ground	Storm runoff	K	--	--	--	ND
	739	9:28	Ground	Storm runoff	K	--	--	--	ND
	740	10:28	Ground	Storm runoff	K	--	--	--	ND
	741	11:28	Ground	Storm runoff	K	--	--	--	ND
	742	12:28	Ground	Storm runoff	K	--	--	--	ND
	743	13:28	Ground	Storm runoff	K	--	--	--	ND
	744	14:28	Ground	Storm runoff	K	--	--	--	ND
4/26/2000	705	13:40		Rinse blank	M	ND	ND		
4/26/2000	695	11:00		Rinse blank		ND	ND		
4/27/2000	759	12:36	Aerial	Storm runoff	M	ND	ND	--	--
	760	13:36	Aerial	Storm runoff	M	ND	ND	--	--
	761	14:36	Aerial	Storm runoff	M	ND	ND	--	--
	762	15:36	Aerial	Storm runoff	M	ND	ND	--	--
	763	16:36	Aerial	Storm runoff	M	ND	ND	--	--
	764	17:36	Aerial	Storm runoff	M	ND	ND	--	--
	765	18:36	Aerial	Storm runoff	M	ND	ND	--	--
	766	19:36	Aerial	Storm runoff	M	ND	ND	--	--

Sample Date	Sample ID	Sample Time	Application Type	Sample Type	Site	Concentration (ppb)			
						2,4-D	Triclopyr	Glyphosate	Atrazine
4/27/2000	767	13:22	Aerial	Storm runoff	L	ND	ND	--	--
	768	14:22	Aerial	Storm runoff	L	0.146	0.195	--	--
	769	15:22	Aerial	Storm runoff	L	0.241	0.362	--	--
	770	16:22	Aerial	Storm runoff	L	0.218	0.388	--	--
	771	17:22	Aerial	Storm runoff	L	0.232	0.383	--	--
	772	18:22	Aerial	Storm runoff	L	0.19	0.319	--	--
	773	19:22	Aerial	Storm runoff	L	0.163	0.293	--	--
	774	20:22	Aerial	Storm runoff	L	0.152	0.285	--	--

a= herbicide not used and hence not analyzed.

b= ND-none detected at the reporting limit for that chemical.

Plant Sample Results

Sample #	Sample Date	Day after Application	Plant Type	Watershed	Sample Type	Concentration (ppm)	
						2,4-D	Triclopyr
1126	4/25/00	background	Beargrass	Hunter	dissipation	nd	nd
1509	4/26/00		tank	Hunter		1.02%	1.01%
1098	4/26/00	0	Beargrass	Hunter	dissipation	0.414	0.456
1103	4/27/00	1	Beargrass	Hunter	dissipation	0.143	0.193
1017	5/10/00	14	Beargrass	Hunter	dissipation	0.0695	0.132
1074	6/8/00	43	Beargrass	Hunter	dissipation	nd	nd
1080	7/26/00	91	Beargrass	Hunter	dissipation	nd	nd
1256	9/19/01	511	Beargrass	Hunter	dissipation	nd	nd
1257	9/19/01	511	Beargrass	Hunter	dissipation	nd	nd
1258	9/19/01	511	Beargrass	Hunter	dissipation	nd	nd
1123	4/24/00	background	Beargrass	Hunter	dissipation	nd	nd
1124	4/24/00	background	Beargrass	Hunter	dissipation	0.245	0.246
1513	4/26/00		tank	Hunter		1.08%	1.14%
1096	4/26/00	0	Beargrass	Hunter	dissipation	0.452	0.712
1097	4/26/00	0	Beargrass	Hunter	dissipation	0.776	1.12
1102	4/27/00	1	Beargrass	Hunter	dissipation	0.173	0.262
1101	4/27/00	1	Beargrass	Hunter	dissipation	0.119	0.118
1019	5/10/00	14	Beargrass	Hunter	dissipation	nd	nd
1018	5/10/00	14	Beargrass	Hunter	dissipation	nd	nd
1072	6/8/00	43	Beargrass	Hunter	dissipation	0.105	0.0623
1073	6/8/00	43	Beargrass	Hunter	dissipation	nd	nd
1078	7/26/00	91	Beargrass	Hunter	dissipation	nd	0.068
1079	7/26/00	91	Beargrass	Hunter	dissipation	nd	nd
1151	9/19/00	146	Beargrass	Hunter	dissipation	nd	nd
1150	9/19/00	146	Beargrass	Hunter	dissipation	nd	nd
1245	9/19/01	511	Beargrass	Hunter	dissipation	nd	nd
1254	9/19/01	511	Beargrass	Hunter	dissipation	nd	nd
1254	9/19/01	511	Beargrass	Hunter	dissipation	nd	nd
1149	9/10/00	0	Huckleberry	Terwer	dissipation	0.102	0.283
1198	9/10/00	0	Huckleberry	Terwer	dissipation	0.196	0.676
1199	9/10/00	0	Huckleberry	Terwer	dissipation	0.065	0.236
1221	9/12/00	2	Huckleberry	Terwer	dissipation	0.135	0.293
1186	9/12/00	2	Huckleberry	Terwer	dissipation	0.512	1.000
1187	9/12/00	2	Huckleberry	Terwer	dissipation	0.154	0.371
1155	9/19/00	9	Huckleberry	Terwer	dissipation	0.413	0.631
1197	9/26/00	16	Huckleberry	Terwer	dissipation	0.407	0.627
1168	10/12/00	32	Huckleberry	Terwer	dissipation	0.333	0.458
1174	11/14/00	65	Huckleberry	Terwer	dissipation	0.217	0.314
1264	9/20/01	372	Huckleberry	Terwer	dissipation	nd	nd
1265	9/20/01	372	Huckleberry	Terwer	dissipation	nd	nd
1200	9/10/00	0	Yarrow	Terwer	dissipation	4.55	9.15

Sample #	Sample Date	Day after Application	Plant Type	Watershed	Sample Type	Concentration (ppm)	
						2,4-D	Triclopyr
1201	9/10/00	0	Yarrow	Terwer	dissipation	4.05	7.17
1202	9/10/00	0	Yarrow	Terwer	dissipation	2.25	3.5
1188	9/12/00	2	Yarrow	Terwer	dissipation	4.83	7.04
1189	9/12/00	2	Yarrow	Terwer	dissipation	11.7	6.4
1190	9/12/00	2	Yarrow	Terwer	dissipation	3.15	4.46
1152	9/19/00	9	Yarrow	Terwer	dissipation	3.74	4.21
1153	9/19/00	9	Yarrow	Terwer	dissipation	9.35	10.8
1154	9/19/00	9	Yarrow	Terwer	dissipation	2.63	2.61
1162	9/26/00	16	Yarrow	Terwer	dissipation	0.391	0.329
1163	9/26/00	16	Yarrow	Terwer	dissipation	8.98	11.5
1164	9/26/00	16	Yarrow	Terwer	dissipation	2.33	2.33
1169	10/12/00	32	Yarrow	Terwer	dissipation	0.361	0.662
1170	10/12/00	32	Yarrow	Terwer	dissipation	1.21	2.94
1171	10/12/00	32	Yarrow	Terwer	dissipation	0.28	0.46
1175	11/14/00	65	Yarrow	Terwer	dissipation	0.113	0.252
1176	11/14/00	65	Yarrow	Terwer	dissipation	0.107	0.227
1177	11/14/00	65	Yarrow	Terwer	dissipation	nd	0.105
1235	2/14/01	157	Yarrow	Terwer	dissipation	nd	nd
1261	9/20/01	372	Yarrow	Terwer	dissipation	nd	nd
1262	9/20/01	372	Yarrow	Terwer	dissipation	nd	nd
1263	9/20/01	372	Yarrow	Terwer	dissipation	nd	nd
1193	9/13/00	0	Manzanita	Bald hills	dissipation	0.112	0.0477
1192	9/13/00	0	Manzanita	Bald hills	dissipation	0.201	0.0746
1191	9/13/00	0	Manzanita	Bald hills	dissipation	0.06	nd
1195	9/14/00	1	Manzanita	Bald hills	dissipation	0.35	0.812
1196	9/14/00	1	Manzanita	Bald hills	dissipation	0.436	1.02
1194	9/14/00	1	Manzanita	Bald hills	dissipation	0.131	0.539
1158	9/20/00	7	Manzanita	Bald hills	dissipation	0.196	0.267
1157	9/20/00	7	Manzanita	Bald hills	dissipation	0.312	0.351
1156	9/20/00	7	Manzanita	Bald hills	dissipation	0.176	0.21
1159	9/26/00	13	Manzanita	Bald hills	dissipation	0.245	0.325
1160	9/26/00	13	Manzanita	Bald hills	dissipation	0.322	0.34
1161	9/26/00	13	Manzanita	Bald hills	dissipation	0.236	0.309
1167	10/12/00	29	Manzanita	Bald hills	dissipation	0.125	0.178
1166	10/12/00	29	Manzanita	Bald hills	dissipation	0.16	0.187
1165	10/12/00	29	Manzanita	Bald hills	dissipation	0.145	0.204
1178	11/14/00	62	Manzanita	Bald hills	dissipation	0.0951	0.145
1179	11/14/00	62	Manzanita	Bald hills	dissipation	0.149	0.209
1180	11/14/00	62	Manzanita	Bald hills	dissipation	0.193	0.301
1260	9/19/01	370	Manzanita	Bald hills	dissipation	nd	nd
1259	9/19/01	370	Manzanita	Bald hills	dissipation	nd	nd
1225	4/24/01	1	Beargrass	WF Blue Cr	dissipation	nd	nd
1183	4/23/01	0	Oregon Grape	WF Blue Cr	dissipation	nd	nd

Sample #	Sample Date	Day after Application	Plant Type	Watershed	Sample Type	Concentration (ppm)	
						2,4-D	Triclopyr
1184	4/23/01	0	Oregon Grape	WF Blue Cr	dissipation	nd	nd
1185	4/23/01	0	Oregon Grape	WF Blue Cr	dissipation	nd	nd
1222	4/24/01	1	Oregon Grape	WF Blue Cr	dissipation	nd	nd
1223	4/24/01	1	Oregon Grape	WF Blue Cr	dissipation	nd	nd
1224	4/24/01	1	Oregon Grape	WF Blue Cr	dissipation	nd	nd
1229	5/1/01	8	Oregon Grape	WF Blue Cr	dissipation	nd	nd
1230	5/1/01	8	Oregon Grape	WF Blue Cr	dissipation	nd	nd
1231	5/1/01	8	Oregon Grape	WF Blue Cr	dissipation	nd	nd
1240	5/30/01	37	Oregon Grape	WF Blue Cr	dissipation	nd	nd
1241	5/30/01	37	Oregon Grape	WF Blue Cr	dissipation	nd	nd
1239	5/30/01	37	Oregon Grape	WF Blue Cr	dissipation	nd	nd
1291	4/23/01		tank	WF Blue Cr		1.21%	1.23%
1035	4/23/01	0	Beargrass	WF Blue Cr	dissipation	0.859	1.790
1173	4/23/01	0	Beargrass	WF Blue Cr	dissipation	0.335	0.647
1172	4/23/01	0	Beargrass	WF Blue Cr	dissipation	1.000	1.990
1226	4/24/01	1	Beargrass	WF Blue Cr	dissipation	1.26	3.13
1227	4/24/01	1	Beargrass	WF Blue Cr	dissipation	1.35	3.10
1228	4/24/01	1	Beargrass	WF Blue Cr	dissipation	0.36	0.78
1232	5/1/01	8	Beargrass	WF Blue Cr	dissipation	0.53	0.83
1233	5/1/01	8	Beargrass	WF Blue Cr	dissipation	1.23	1.94
1234	5/1/01	8	Beargrass	WF Blue Cr	dissipation	0.477	0.566
1236	5/30/01	37	Beargrass	WF Blue Cr	dissipation	0.34	0.34
1237	5/30/01	37	Beargrass	WF Blue Cr	dissipation	0.21	0.27
1238	5/30/01	37	Beargrass	WF Blue Cr	dissipation	0.076	0.081
1242	7/19/01	87	Beargrass	WF Blue Cr	dissipation	nd	nd
1243	7/19/01	87	Beargrass	WF Blue Cr	dissipation	nd	nd
1244	7/19/01	87	Beargrass	WF Blue Cr	dissipation	0.054	0.074
1104	9/20/01	150	Beargrass	WF Blue Cr	dissipation	nd	nd
1105	9/20/01	150	Beargrass	WF Blue Cr	dissipation	nd	nd
1106	9/20/01	150	Beargrass	WF Blue Cr	dissipation	nd	nd
1002	9/15/99	1	maidenhair	Hunter	300 ft outside		nd
1007	9/18/99	4	maidenhair	Hunter	inside buffer		nd
1003	9/18/99	2	maidenhair	Hunter	buffer zone		nd
1099	4/26/00	0	beargrass	Hunter	off-site (121 ft)	nd	nd
1100	4/26/00	0	beargrass	Hunter	off-site (210 ft)	nd	nd
1517	9/9/00		tank	Hoppaw		1.00%	1.12%
1140	9/8/00	background	Yarrow	Hoppaw	off-site	nd	nd
1142	9/9/00	0	Yarrow	Hoppaw	off-site (100 ft)	nd	nd
1143	9/9/00	0	Yarrow	Hoppaw	off-site (150 ft)	nd	nd
1144	9/9/00	0	Yarrow	Hoppaw	off-site (124 ft)	nd	nd
1145	9/9/00	0	Yarrow	Hoppaw	off-site (124 ft)	nd	nd

Sample #	Sample Date	Day after Application	Plant Type	Watershed	Sample Type	Concentration (ppm)	
						2,4-D	Triclopyr
1146	9/9/00	0	Yarrow	Hoppaw	off-site (23 ft)	0.204	0.242
1147	9/9/00	0	Yarrow	Hoppaw	off-site (22 ft)	nd	nd
1148	9/9/00	0	Yarrow	Hoppaw	off-site (20ft)	nd	nd
1516	9/11/00		tank			1.09%	1.26%
1139	9/8/00	background	Beargrass	Terwer	off-site	nd	nd
1214	9/11/00	0	Beargrass	Terwer	off-site (285 ft)	nd	nd
1213	9/11/00	0	Beargrass	Terwer	off-site (250 ft)	nd	nd
1212	9/11/00	0	Beargrass	Terwer	off-site (270 ft)	nd	nd
1217	9/11/00	0	Beargrass	Terwer	off-site (220 ft)	nd	nd
1216	9/11/00	0	Beargrass	Terwer	off-site (230 ft)	nd	nd
1215	9/11/00	0	Beargrass	Terwer	off-site (240 ft)	nd	nd
1220	9/11/00	0	Beargrass	Terwer	off-site (185 ft)	nd	nd
1219	9/11/00	0	Beargrass	Terwer	off-site (190 ft)	nd	nd
1218	9/11/00	0	Beargrass	Terwer	off-site (215 ft)	nd	nd
1138	9/8/00	background	Huckleberry	Terwer	off-site	nd	nd
1211	9/11/00	0	Huckleberry	Terwer	off-site (210 ft)	nd	nd
1210	9/11/00	0	Huckleberry	Terwer	off-site (195 ft)	nd	nd
1209	9/11/00	0	Huckleberry	Terwer	off-site (185 ft)	nd	nd
1208	9/11/00	0	Huckleberry	Terwer	off-site (220 ft)	nd	nd
1207	9/11/00	0	Huckleberry	Terwer	off-site (235 ft)	nd	nd
1206	9/11/00	0	Huckleberry	Terwer	off-site (225 ft)	nd	nd
1205	9/11/00	0	Huckleberry	Terwer	off-site (245 ft)	nd	nd
1204	9/11/00	0	Huckleberry	Terwer	off-site (260 ft)	nd	nd
1203	9/11/00	0	Huckleberry	Terwer	off-site (245 ft)	nd	nd
1290	4/21/01		tank	WF Blue Cr		1.04%	1.10%
1032	4/23/01	0	Beargrass	WF Blue Cr	off-site (0 ft)	0.243	0.396
1033	4/23/01	0	Beargrass	WF Blue Cr	off-site (0 ft)	0.884	1.080
1034	4/23/01	0	Beargrass	WF Blue Cr	off-site (0 ft)	0.093	0.193
1029	4/23/01	0	Beargrass	WF Blue Cr	off-site (30 ft)	0.120	0.209
1030	4/23/01	0	Beargrass	WF Blue Cr	off-site (35 ft)	nd	0.067
1031	4/23/01	0	Beargrass	WF Blue Cr	off-site (41 ft)	0.076	nd
1026	4/23/01	0	Beargrass	WF Blue Cr	off-site (89 ft)	nd	nd
1027	4/23/01	0	Beargrass	WF Blue Cr	off-site (52 ft)	nd	nd
1028	4/23/01	0	Beargrass	WF Blue Cr	off-site (62 ft)	nd	nd