A Department of Ecology Report

Data Summary: Upper Yakima River Basin Suspended Sediment and Organochlorine Pesticide TMDL Evaluation

Abstract

These figures and tables are the data summary for Publication No. 02-03-012, *Upper Yakima River Basin Suspended Sediment and Organochlorine Pesticide Total Maximum Daily Load Evaluation*, distributed in April 2002.

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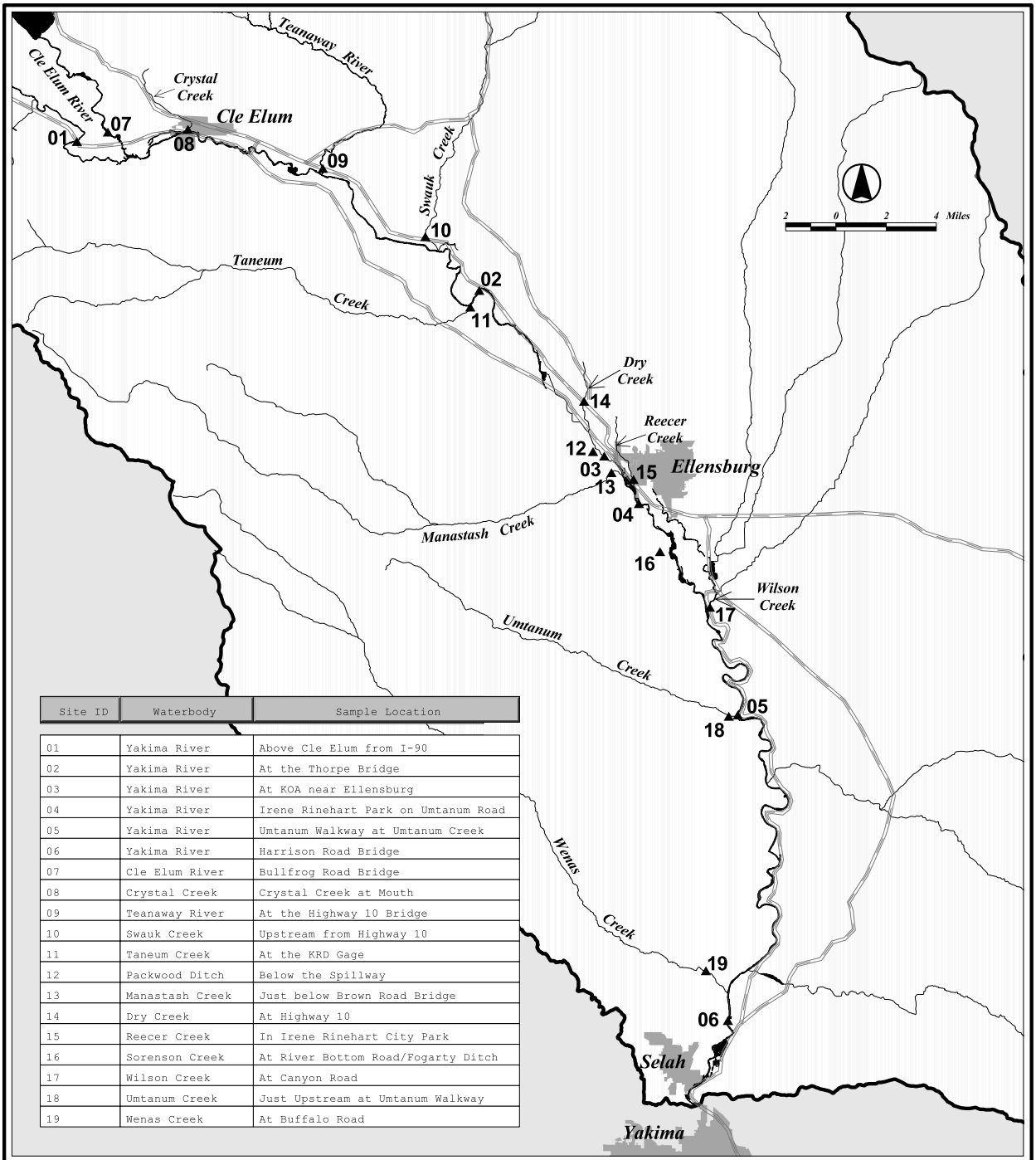
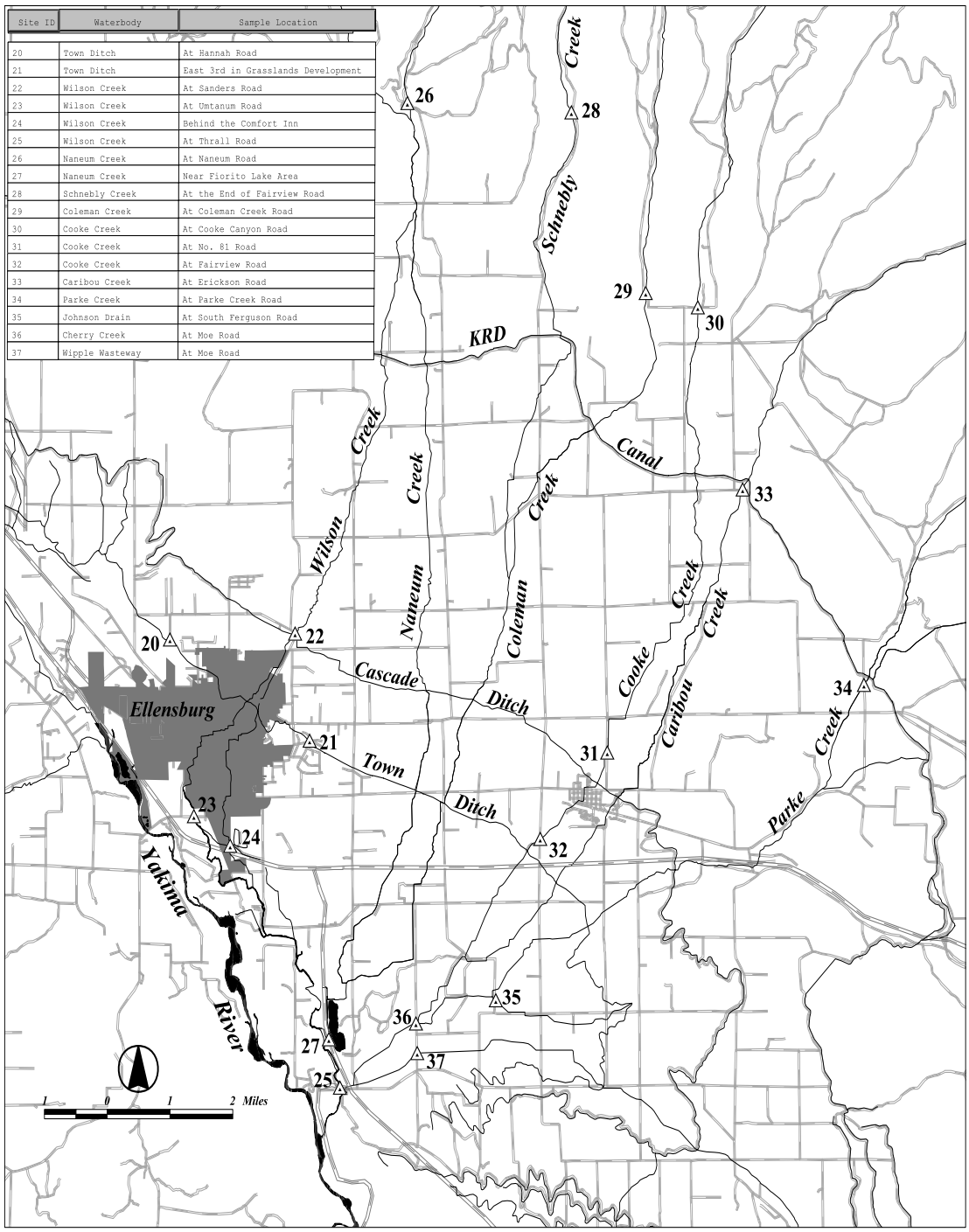


Site ID	Waterbody	Sample Location
01	Yakima River	Above Cle Elum from I-90
02	Yakima River	At the Thorpe Bridge
03	Yakima River	At KOA near Ellensburg
04	Yakima River	Irene Rinehart Park on Umtanum Road
05	Yakima River	Umtanum Walkway at Umtanum Creek
06	Yakima River	Harrison Road Bridge
07	Cle Elum River	Bullfrog Road Bridge
08	Crystal Creek	Crystal Creek at Mouth
09	Teanaway River	At the Highway 10 Bridge
10	Swauk Creek	Upstream from Highway 10
11	Taneum Creek	At the KRD Gage
12	Packwood Ditch	Below the Spillway
13	Manastash Creek	Just below Brown Road Bridge
14	Dry Creek	At Highway 10
15	Reecer Creek	In Irene Rinehart City Park
16	Sorenson Creek	At River Bottom Road/Fogarty Ditch
17	Wilson Creek	At Canyon Road
18	Umtanum Creek	Just Upstream at Umtanum Walkway
19	Wenas Creek	At Buffalo Road

Figure 1. Upper Yakima TMDL sampling locations for the main stem Yakima River and major tributaries, March to November 1999.



Site ID	Waterbody	Sample Location
20	Town Ditch	At Hannah Road
21	Town Ditch	East 3rd in Grasslands Development
22	Wilson Creek	At Sanders Road
23	Wilson Creek	At Umtanum Road
24	Wilson Creek	Behind the Comfort Inn
25	Wilson Creek	At Thrall Road
26	Naneum Creek	At Naneum Road
27	Naneum Creek	Near Fiorito Lake Area
28	Schnebly Creek	At the End of Fairview Road
29	Coleman Creek	At Coleman Creek Road
30	Cooke Creek	At Cooke Canyon Road
31	Cooke Creek	At No. 81 Road
32	Cooke Creek	At Fairview Road
33	Caribou Creek	At Erickson Road
34	Parke Creek	At Parke Creek Road
35	Johnson Drain	At South Ferguson Road
36	Cherry Creek	At Moe Road
37	Wipple Wasteway	At Moe Road

Figure 2. Upper Yakima TMDL sampling locations for the Kittitas Valley (Wilson/Cherry sub-basin), March to November 1999.

Table 1. Sampling locations for the upper Yakima basin suspended sediment TMDL, April through November 1999.

Station Name	Station Location	Field ID	Latitude	Longitude	USBR GAGE	Ecology continuous	Staff Gauge	Instantaneous
UPPER YAKIMA TMDL								
Yakima River above Cle Elum	from I-90 bridge	01-YKI	47.18595146	121.0428619	calc*			
Yakima River at Thorp bridge	bridge north of Thorp	02-YKTH	47.101111	120.701388	calc*			
Yakima River at KOA	bridge near Ellensburg KOA	03-YKKO	47.00523	120.59616	X			
Yakima River at Irene Rinehart Park	bridge just below Irene Rinehart Park	04-YKIR	46.97776	120.56758	calc*			
Yakima River at Umtanum Walkway	below mouth of Umtanum Creek	05-YKUM	46.85568	120.48416	X			
Yakima River at Harrison Road Bridge	at Harrison Road Bridge	06-YKHA	46.675	120.491666	calc*			
Cle Elum River from I-90	Bullfrog Rd bridge	07-CLE	47.184722	121.002777	X			
Crystal Creek at mouth	just upstream of road bridge	08-CRY	47.19305	120.94887		X	X	X
Teanaway River at Hwy 10	at Hwy 10 bridge	09-TEA	47.168888	120.833333	X			
Swauk Creek above Hwy 10	upstream near old gaging station	10-SWA	47.12505216	120.7373952		X	X	X
Taneum Creek at KRD gage	below bridge	11-TAN	47.09189843	120.7092575	X			
Packwood Ditch at Thorpe Hwy	culvert at mouth below spillway	12-PAC	47.00990505	120.604256		X	X	X
Manastash Creek at Brown Rd	just downstream of bridge	13-MAN	46.994383	120.590427		X	X	X
Dry creek at Hwy 10	at Hwy 10 bridge	14-DRY	47.04078598	120.611465			X	X
Reecer Creek in Irene Rinehart Park	below road bridge in Park	15-REE	46.98810021	120.5706938				X
Sorenson Creek below Forgarty Ditch	below confluence at River Road	16-FOG	46.95112	120.55183		X	X	X
Wilson Creek at Canyon Road	at Canyon Road bridge	17-WIL	46.917162	120.508092	X			
Umtanum Creek at walkway	upstream of the RR bridge	18-UMT	46.85727629	120.4956622			X	X
Wenas Creek via Buffalo Rd	near the old concrete dam	19-WEN	46.70657523	120.5058818		X	X	X
KITTITAS VALLEY TMDL								
Town Ditch at Hannah Rd	at end of Hannah Rd	20-TWHN	47.0159094	120.5599129				X
Town Ditch at East 3rd	bridge in Grasslands development	21-TWE3	46.99617874	120.5124421				X
Wilson Creek at Sanders Rd	at Sanders Rd bridge	22-WLSN	47.01733433	120.5169441				X
Wilson Creek at Umtanum Rd	at Umtanum Rd bridge	23-WLUM	46.98110216	120.5515793				X
Wilson Creek behind the Comfort Inn	just off the freeway exit	24-WLCM	46.97467922	120.5397262				X
Wilson Creek at Thrall Rd	at Thrall Rd bridge	25-WLTH	46.92631372	120.5016797	X			
Naneum Creek upper basin	Naneum Rd bridge	26-NN	47.12354271	120.4798883				X
Naneum Creek near Fiorito Ponds area	at the end of the access road	27-NNFR	46.93626558	120.505936		X	X	X
Schnebly upper basin	above gate at end of Fairview Rd	28-SCH	47.09591233	120.4356379				X
Coleman Creek upper basin	first bridge on Coleman Canyon Rd	29-CL	47.08469018	120.3987994				X
Cooke Creek upper basin	first bridge at Cooke Creek Rd "T"	30-CK	47.08231169	120.382076				X
Cooke Creek at No 81 Rd	at N0 81 Rd bridge	31-CK81	46.99330839	120.4125213				X
Cooke Creek at Fairview Rd	at Fairview Rd bridge	32-CKFA	46.9760245	120.4352223				X
Caribou Creek below KRD North Canal	at Erickson Rd bridge	33-CR	47.04782	120.3647				X
Parke Creek upper basin	Parke Creek Rd at culvert	34-PR	47.00668	120.32595				X
Johnson Drain at So Ferguson Rd	at culvert on So Ferguson Rd	35-JNFR	46.94427004	120.4504495				X
Cherry Creek at Moe Rd	at Moe Rd bridge	36-CHMO	46.93957621	120.4765627				X
Wipple Wasteway at Moe Rd	at Moe Rd bridge	37-WPMO	46.93367317	120.4763895				X

* calculated from other gages or flow balance. ** flows taken periodically to develop rating curve

Table 2. Station ID: 01-YK1 (Yakima River above Cle Elum)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	7:50	5.7	4.7	2.1	62	1256	3
4/20/1999	7:45	5	4.5	4.2	60	1318	6
5/3/1999	9:15	5.2	5.5	2.5	50	949	3
5/18/1999	7:45	9.2	6.9	1.2	65	615	3
6/1/1999	9:10	7.8	7.2	11	52	874	15
6/15/1999	8:00	18.5	9.6	8.9	51	833	15
6/29/1999	7:45	12.5	12.2	2.5	50	1315	5
7/12/1999	7:40	18.5	11.3	1.3	52	378	2
7/26/1999	7:40	12.3	10.7	1.9	50	638	3
8/10/1999	7:50	17	13.8	1.1	50	262	3
8/23/1999	7:45	11.4	13.5	1.8	48	177	8
9/7/1999	7:50	6.8	11.4	1	58	852	2
9/21/1999	7:35	7.1	12.6	1	58	919	3
10/5/1999	8:05	10.2	10.9	0.6	57	831	1
10/18/1999	7:55	-0.5	7.5	0.7	56	399	1U
11/2/1999	8:13	-1.0	4.4	0.8	57	406	1U
11/16/1999	7:50	8	8	1.1	60	480	1
Streamflow reported by Ecology using stage-discharge rating curve.							

Table 3. Station ID: 02-YKTH (Yakima River at Thorp Bridge)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	10:35	8.2	5.9	2.8	88	2125	3
4/20/1999	9:50	9	5.3	17	80	4098	35
5/3/1999	10:35	9	6.8	4.8	91	2909	9
5/18/1999	10:10	13.6	8	2.4	85	2663	6
6/1/1999	11:00		8.3	17	73	4409	28
6/15/1999	9:40	16.3	9.9	26	67	5007	49
6/29/1999	9:45	16.3	11.6	5.4	63	4650	10
7/12/1999	9:55	25.9	14.3	2.7	57.5	4338	7
7/26/1999	9:45	27	14.8	1.3	58	2571	3
8/10/1999	10:05	24.8	11.2	1	54	2842	2
8/23/1999	9:45	25.8	11.1	1.9	50	3395	4
9/7/1999	10:00	18.6	11.2	1.8	63	915	5
9/21/1999	9:50	19.6	13.2	0.7	64	829	2
10/5/1999	9:52	14.5	10.5	0.8	62	861	2
10/18/1999	10:07	8.5	7.8	0.6	66	785	1U
11/2/1999	9:52	8.2	4.8	0. 5U	70	827	2
11/16/1999	10:10	9.5	8.2	0.8	75	1149	1
Streamflow reported by Ecology using stage-discharge rating curve.							

Table 4. Station ID: 03-YKKO (Yakima River at KOA)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	12:40	13.1	7.1	3.2	92	2560	5
4/20/1999	11:45		6.4	18	85	4594	34
5/3/1999	12:15	12.9	8.1	6.1	89	3146	9
5/18/1999	12:20	13.8	9.4	2.8	90	2788	5
6/1/1999	12:40		9.3	18	81	5362	31
6/15/1999	11:20	28.5	11.5	26	69	5674	52
6/29/1999	11:25	22.7	12.8	6.3	70	5362	17
7/12/1999	11:55	30.5	15.8	3.6	62	4059	11
7/26/1999	11:30	23.4	16.2	2	67.5	2068	4
8/10/1999	11:25	33.6	13.4	1.7	62	2947	4
8/23/1999	11:25	22.3	12.5	2.1	52.5	3898	5
9/7/1999	11:45	22.2	12.9	2.4	87	930	7
9/21/1999	11:40	23.9	15.2	1.7	83	920	3
10/5/1999	12:10	18.1	12.2	1.2	88	1100	2
10/18/1999	11:55	13	9.4	0.8	76	770	2
11/2/1999	11:23	6.2	5.8	0.8	79	828	2
11/16/1999	11:50	10.9	8.7	1.3	79	1344	3
Streamflow reported by United States Bureau of Reclamation using USBR streamflow procedures.							

J: The analyte was positively identified. The associated numerical result is an estimate.
U: The analyte was not detected at or above the reported result.

Table 5. Station ID: 04-YKIR (Yakima River at Irene Rinehart Park)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	14:20	12	7.4	3.3	94	2689	6
4/20/1999	13:10		7.4	19	95	4606 J	28
5/3/1999	13:30	12.8	8.8	6.6	92	3278	10
5/18/1999	13:30	14.2	9.4	3.3	93	2901	7
6/1/1999	14:00		9.8	18	80	5476	30
6/15/1999	12:55	30.8	12.7	24	76	5782 J	49
6/29/1999	12:50	22.4	13.8	6	67	5218	13
7/12/1999	13:25	32.4	16.7	2.8	64	4126 J	9
7/26/1999	12:45	27.3	17.7	1.8	70	2109	4
8/10/1999	13:00	32.6	14.3	1.7	65	2986	4
8/23/1999	12:30	27	13.6	2.5	55	3847	9
9/7/1999	13:15	20.5	13.9	2.5	85	995	5
9/21/1999	13:00	24.8	16.5	2	86	962	3
10/5/1999	13:20	16.9	12.7	1.2	86	1132	2
10/18/1999	13:10	16.8	11	0.9	83	777	2
11/2/1999	12:54	6.3	6.4	1	82	872	3
11/16/1999	13:15	10.4	8.9	2	82	1326	3
Streamflow reported by Ecology using stage-discharge rating curve.							

Table 6. Station ID: 05-YKUM (Yakima River at Umtanum Walkway)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	15:55	13	8.5	4.1	105	2521	7
4/20/1999	15:00		8.1	19	105	4438	35
5/3/1999	14:50	12.9	9.4	15	125	4294	33
5/18/1999	15:15	15.7	10.8	6.4	120	3673	13
6/1/1999	15:15		10.9	21	100	5876	35
6/15/1999	14:25	36.2	24.8	23	75	5766	43
6/29/1999	14:00	23.1	13.8	9	83	5820	18
7/12/1999	15:10	35	18.6	2.4	74	4462	11
7/26/1999	14:45	34	19	3.4	103	3048	8
8/10/1999	14:30	36	16.8	4.8	102	3280	15
8/23/1999	14:20	36	15.2	4.1	90	3757	16
9/7/1999	15:00	21.8	15.2	3.8	128	1756	10
9/21/1999	14:50	36.9	17.4	2.8	140	1416	7
10/5/1999	15:07	17.9	12.3	2.2	138	1557	6
10/18/1999	14:50	18.7	10.9	1.5	143	1068	3
11/2/1999	15:15	7.6	6.3	1.4	132	1068	4
11/16/1999	15:10	11.2	10.4	2.1	118	1368	4
Streamflow reported by United States Bureau of Reclamation using USBR streamflow procedures.							

Table 7. Station ID: 06-YKHA (Yakima River at Harrison Road Bridge)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	17:05	13.8	11.2	5.7	114	1073	17
4/20/1999	16:10		8.4	24	110	2888	43
5/3/1999	15:50	13.7	9.2	12	122	2326	23
5/18/1999	16:30	20	12	4.9	125	1833	11
6/1/1999	16:15		11.5	22	105	6009 J	37
6/15/1999	15:40	38.6	17	16	95	2952	46
6/29/1999	16:10	26.4	15.1	9.1	85	2606 J	23
7/12/1999	16:40	43.4	20.9	2.5	75	2558	11
7/26/1999	16:30	33.8	20.6	3.3	105	1202	6
8/10/1999	15:15	37.5	19.2	4.4	104	1423	9
8/23/1999	15:40	32.4	16.9	5.1	91	1901	13
9/7/1999	15:35	24.6	17.5	3	126	527	4
9/21/1999	16:10	31.8	20.2	2.5	145	431	3
10/5/1999	15:55	20.8	14.1	1.7	142	485	3
10/18/1999	16:50	17.7	11.4	1.2	150	551	2
11/2/1999	16:30	7.4	6.7	3.2	140	1051	8
11/16/1999	16:45	10.9	9.5	1.9	121	615	4
Streamflow reported by Ecology using stage-discharge rating curve.							

J: The analyte was positively identified. The associated numerical result is an estimate.
U: The analyte was not detected at or above the reported result.

Table 8. Station ID: 07-CLE (Cle Elum River)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	8:30	5.5	5.4	0.5	52	470	1
4/20/1999	8:00	5	4.9	1.3	70	512	3
5/3/1999	9:25	7.7	6.6	0.8	62	545	2
5/18/1999	8:05	10.2	7.3	1	60	1058	1U
6/1/1999	9:20	10	9.1	1.1	58	1150	2
6/15/1999	8:15	18.5	12	1.3	51	1448	3
6/29/1999	8:05	12.8	12.1	1.1	74	2434	2
7/12/1999	8:05	20	14	1	51	3323	2
7/26/1999	8:00	12.8	14.7	1.1	50	1874	1
8/10/1999	8:10	17.2	8.8	0.5U	45	2327	1U
8/23/1999	8:15	11	19.1	0.5	36	2811	1
9/7/1999	8:15	7.2	7.9	0.5U	48	415	1U
9/21/1999	8:10	9.4	7.8	0.5U	53	283	1U
10/5/1999	8:27	11.7	8.4	0.5U	54	304	1U
10/18/1999	8:30	-0.2	7.5	0.5U	50	302	1U
11/2/1999	8:35	-1.0	7.3	0.5U	52	304	1U
11/16/1999	8:20	8	8.3	0.5U	51	306	1U
Streamflow reported by United States Bureau of Reclamation using USBR streamflow procedures.							

Table 9 Station ID: 08-CRY (Crystal Creek at Mouth)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	9:05	7.6	6.2	2.6	350	11.8	4
4/20/1999	8:30	7.5	7	4.1	340	20.1	5
5/3/1999	9:30	8.3	7.8	2.1	450	5.3	5.5
5/18/1999	8:40	11.2	8.2	1.4	570	2.0	1
6/1/1999	9:50	10.9	10.1	1.6	615	1.0	2
6/15/1999	8:35	19.1	13.3	7.5	423	0.7	10
6/29/1999	8:30	14.8	11.1	1.5	710	1.0	3
7/12/1999	8:30	22.4	13.9	1.4	550	0.4	3
7/26/1999	8:20	14	11.4	2.6	421	0.4	3
8/10/1999	8:40	19.2	11.8	1.2	288	0.3	2
8/23/1999	8:40	12.7	10.2	2	282	0.4	2
9/7/1999	8:45	9.4	8.6	1.4	222	0.4	2
9/21/1999	8:35	11.5	9.6	2.8	280	0.4	3
10/5/1999	8:40	12.4	9.2	1.3	278	0.5	2
10/18/1999	8:50	3.2	5.6	2.6	270	0.6	4
11/2/1999	8:53	0.3	2.5	0.6	460	0.8	1U
11/16/1999	8:35	8.8	8.2	1	470	0.8	1
Streamflow reported by Ecology using stage-discharge rating curve.							

Table 10. Station ID: 09-TEA (Teanaway River at Hwy 10)							
Date	Time	Air Temp. (ºC)	Water	Turbidity	Conductivity	Flow	TSS
4/12/1999	9:45	9.6	5.2	5.3	115	608	6
4/20/1999	9:00	7	4.4	26	110	1743	51
5/3/1999	10:00	7.9	5.8	7.4	95	1267	10
5/18/1999	9:20	12.6	6.9	3.6	105	1041	11
6/1/1999	10:30		6.5	26	82	2214	44
6/15/1999	9:00	21.4	17.3	33	53	2566	78
6/29/1999	8:50	13.8	7.8	1.6	83	900	3
7/12/1999	9:05	26	11	1	76	580	3
7/26/1999	8:50	18.8	12.4	1.2	98	173	1
8/10/1999	9:15	21.3	16.3	1	117	51	1U
8/23/1999	9:05	17.2	13.8	0.5	130	50	1U
9/7/1999	9:20	10.8	10.3	0.6	140	35	1U
9/21/1999	9:10	12.1	11.8	0.5U	142	15	1
10/5/1999	9:17	12.3	8.8	0.5U	138	24	1U
10/18/1999	9:30	2.9	5.4	0.5U	130	33	1U
11/2/1999	9:13	0.5	2.5	0.5U	122	74	1
11/16/1999	9:15	10.2	6.8	1.3	100	372	1
Streamflow reported by United States Bureau of Reclamation using USBR streamflow procedures.							

J: The analyte was positively identified. The associated numerical result is an estimate.
U: The analyte was not detected at or above the reported result.

Table 11. Station ID: 010-SWA (Swauk Creek above Hwy 10)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	10:05	8.9	4.4	4	174	107.1	4
4/20/1999	9:20	7.5	4.8	40	140	281.1 J	71
5/3/1999	10:30	10.8	6.6	8.7	145	169.6	15
5/18/1999	9:50	16.5	8	5.5	152	105.5	7
6/1/1999	10:50		7.9	9.9	118	142.6	16
6/15/1999	9:20	23.5	11.6	6	117	90.5	10
6/29/1999	9:20	16	10.5	3.4	131	35.4	2
7/12/1999	9:30	27.5	15.1	2.6	151	16.7	3
7/26/1999	9:20	24	14.2	1.3	170	9.5	2
8/10/1999	9:45	25.6	17.3	1.3	184	7.0	2
8/23/1999	9:25	19.2	13.9	0.7	186	3.5	1U
9/7/1999	9:40	14.2	10.1	0.6	190	3.5	1U
9/21/1999	9:25	15.7	11.5	0.5	193	2.8	1U
10/5/1999	9:32	13.1	9.1	0.7	179	5.4	1U
10/18/1999	9:45	6	5.3	0.5U	182	5.4	1U
11/2/1999	9:30	1.2	2.6	1	188	8.0	1
11/16/1999	9:40	10	7.9	0.6	193	10.8	1U
Streamflow reported by Ecology using stage-discharge rating curve.							

Table 12. Station ID: 11-TAN (Taneum Creek at KRD Gage)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	11:20	10.6	6	2.1	150	33.9	2
4/20/1999	10:30	10	5.2	18	120	165.3	35
5/3/1999	11:10	9.6	6.8	7	120	122.4	11
5/18/1999	10:40	13.4	7.6	8.8	125	82.7	6
6/1/1999	11:30		7.8	21	95	211.5	43
6/15/1999	10:15	25.3	10.8	11	88	138.1	23
6/29/1999	10:20	21.3	11.3	2.3	103	53.6	3
7/12/1999	10:40	28.3	17	2.2	128	10.2	3
7/26/1999	10:20	21	14.8	2.3	96	22.9	
8/10/1999	10:35	25.5	17.3	3.5	98	16.6	5
8/23/1999	10:25	20.6	16	6.1	82	20.4	9
9/7/1999	10:45	15.4	13.8	1.4	95	14.9	2
9/21/1999	10:20	21.1	14.7	2.1	102	16.6	2
10/5/1999	10:14	14.7	11.5	2.1	106	12.7	2
10/18/1999	10:40	10	7.4	0.7	151	4.7	1U
11/2/1999	10:19	3.8	4.4	0.6	154	5.4	1U
11/16/1999	10:30	10.2	7.6	0.5	160	1.0 J	1U
Streamflow reported by Ecology using stage-discharge rating curve.							

Table 13. Station ID: 12-PAC (Packwood Ditch at Thorp Hwy)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	12:00	11.5	7.8	13	144	45	21
4/20/1999	11:15	13	7.1	13	135	50	12
5/3/1999	11:45	12.1	9.6	11	158	59	9
5/18/1999	11:15	12.7	10.9	8.8	175	45	6
6/1/1999	11:58		11.5	12	178	49	12
6/15/1999	10:50	23.4	14.4	15	158	60	1
6/29/1999	10:55	19.1	13.7	5.5	153	37	5
7/12/1999	11:15	17	17.1	5.2	150	57	7
7/26/1999	10:50	21.5	16.4	5.8	160	58	7
8/10/1999	11:00	25.6	14.3	6.5	102	62	6
8/23/1999	10:55	21.2	14.9	6.7	150	54	7
9/7/1999	11:20	16.4	12.8	13	140	61	14
9/21/1999	10:55	17.5	14.1	12	173	42	12
10/5/1999	11:26	16.6	12.3	6.3	153	52	8
10/18/1999	11:15	10.5	9.7	9	183	23	21.5
11/2/1999	10:55	4.4	6.6	20	191	14	49
11/16/1999	11:10	10.2	10.5	19	201	11	44
Streamflow reported by Ecology using stage-discharge rating curve.							

J: The analyte was positively identified. The associated numerical result is an estimate.
U: The analyte was not detected at or above the reported result.

Table 14. Station ID: 13-MAN (Manastash Creek at Brown Rd.)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	12:25	11.4	6.8	8	110	72	7
4/20/1999	11:30	13	6.4	21	89	138	33
5/3/1999	12:00	12.6	7.7	15	95	150	31
5/18/1999	12:00	21.5	9.5	6.6	97	97	10
6/1/1999	12:25		8.2	22	78	207	49
6/15/1999	11:15	28.4	11.3	14	68	117	27
6/29/1999	11:15	20.4	11.7	6.8	72	105	12
7/12/1999	11:40	28.3	15.5	2.7	78	16	6
7/26/1999	11:15	26.9	15.7	10	105	25	16
8/10/1999	11:15	28	16.9	6.8	109	9	7
8/23/1999	11:10	21.6	14.9	4.5	112	6	4
9/7/1999	11:35	18	12.8	4.4	117	6	5
9/21/1999	11:20	18.9	13.7	4.4	113	6	4
10/5/1999	11:46	17.7	11.4	4.6	105	17	7
10/18/1999	11:37	13.7	7.4	3.5	182	8	1
11/2/1999	11:12	4.5	4.2	1.4	184	8	2
11/16/1999	11:25	10	8.1	1.2	145	10	1

Streamflow reported by Ecology using stage-discharge rating curve.

Table 15. Station ID: 14-DRY (Dry Creek at Hwy 10)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	13:00	11.5	9.1	2.8	122	1.9 J	3
4/20/1999	12:30		9.8	0.6	138	1.8	3
5/3/1999	12:30	12.5	11.8	1	143	9.9	2
5/18/1999	12:50	15	12.2	1.6	135	14.4	2
6/1/1999	12:55		12.3	2.2	135	11.9	5
6/15/1999	11:45	18.9	15.8	1.2	132	13.7	2
6/29/1999	12:00	20.1	14.2	2.6	120	11.1	3
7/12/1999	12:35	30.4	17.8	2.7	139	12.9	4
7/26/1999	12:05	26.4	17.8	1.3	139	13.2	2
8/10/1999	12:00	33	18	1.4	132	16.0	2
8/23/1999	11:50	26	17.75	1	143	14.3	1
9/7/1999	12:25	20.5	16.5	1.6	137	14.6	1
9/21/1999	12:25	17.3	16.1	2	146	14.6	2
10/5/1999	12:27	18	14.5	1.1	138	16.1	1
10/18/1999	12:25	15.7	12.9	0.8	130	11.3	1U
11/2/1999	12:00	7.2	11.5	10	129	8.4	19
11/16/1999	12:15	11	12	0.7	137	7.2	1U

Streamflow reported by Ecology using stage-discharge rating curve.

Table 16. Station ID: 15-REE (Reecer Creek in Irene Rinehart Park)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	12:50				1	1.0 J	
4/20/1999	12:50		9.6	9	148	54.3 J	12
5/3/1999	13:10	11	10.9	7.8	168	35.4	9
5/18/1999	13:15	14.1	11.8	5.3	170	12.9	7
6/1/1999	13:50		11.7	7.5	137	25.0 J	8
6/15/1999	12:35	31.3	16	7.5	116	25.0 J	6
6/29/1999	12:40	21.2	14	6.7	108	63.0 J	9
7/12/1999	13:10	31.4	17.5	1.3	125.5	44.0 J	5
7/26/1999	12:30	28.9	16.8	3.5	151	33.8	5
8/10/1999	12:30	34.1	17.3	3.5	135	21.9	4
8/23/1999	12:20	27.4	14.2	4.2	102	35.4	4
9/7/1999	12:45	18.7	13.3	3.8	148	33.1	3
9/21/1999	12:50	14.5	14.5	3.6	154	35.4	4
10/5/1999	13:08	19.3	12.2	2.4	153	11.9	2
10/18/1999	12:55	15.8	8.7	2.7	150	14.2	2
11/2/1999	13:37	7.3	6.5	14	230	11.3	32
11/16/1999	12:45	12.2	9.8	5.1	242	10.8	10

Streamflow reported by Ecology using stage-discharge rating curve.

J: The analyte was positively identified. The associated numerical result is an estimate.
U: The analyte was not detected at or above the reported result.

Table 17. Station ID: 16-FOG (Sorenson Creek below Fogarty Ditch)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	13:35	11.6	12.9	5.6	165	3.0	9
4/20/1999	13:30		11.5	18	155	8.0	33
5/3/1999	13:45	12	11.2	70	158	38.0	139
5/18/1999	13:50	14.2	12.7	10	170	56.0	23
6/1/1999	14:10		13.1	19	160	53.0	35
6/15/1999	13:20	33.5	16.9	23	157	78.0	39
6/29/1999	13:05	21.8	15.1	6.2	163	39.0	9
7/12/1999	14:00	32	18.1	7.6	169	33.0	10
7/26/1999	13:20	27.2	17.1	9.5	161	40.0	13
8/10/1999	13:25	32	17.5	6.9	174	40.0	9
8/23/1999	13:05	30.6	16.4	5.5	174	37.0	6
9/7/1999	13:35	21.3	15.1	8.3	165	40.0	8
9/21/1999	13:30	25.4	16.3	5.3	193	33.0	6
10/5/1999	13:49	17.4	13.4	11	183	36.0	17
10/18/1999	13:40	16.4	12.2	18	220	29.0	16
11/2/1999	13:22	7.7	10	5.3	288	22.0	11
11/16/1999	13:35	10.9	11.6	5.1	240	21.0	25
Streamflow reported by Ecology using stage-discharge rating curve.							

Table 18. Station ID: 17-WIL (Wilson Creek at Canyon Rd.)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	15:05	16.6	11.2	8	242	161	17
4/20/1999	14:10		10.8	26	225	252	44
5/3/1999	14:15	11.4	11	43	210	771	132
5/18/1999	14:30	15.1	12.7	19	220	708	55
6/1/1999	14:40		12.4	22	196	901	52
6/15/1999	13:45	35.1	18.8	21	218	940	41
6/29/1999	13:35	22.3	15.2	17	188	691	39
7/12/1999	14:25	33.6	19.6	7.2	251	298	26
7/26/1999	14:00	30.4	18.7	13	271	382	29
8/10/1999	13:45	37.5	19.3	18	275	519	44
8/23/1999	13:30	31.3	17.3	14	260	447	33
9/7/1999	14:10	29.2	13.8	12	216	582	32
9/21/1999	13:55	28.2	16.6	9.9	261	360	23
10/5/1999	14:23	17.5	12.4	7.3	204	452	20
10/18/1999	14:00	18.8	11.2	11	338	204	34
11/2/1999	14:24	6.6	7.8	5.5	371	132	13
11/16/1999	14:20	11.1	10.8	4.9	370	118	10
Streamflow reported by Ecology using stage-discharge rating curve.							

Table 19. Station ID: 18-UMT (Umtanum Creek at Walkway)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	15:40	13	10.8	2.5	150	13	3
4/20/1999	14:40		12.5	3.7	155	10	6
5/3/1999	14:45	12.9	13.7	2.6	170	5	6
5/18/1999	15:00	15.7	13.6	1.6	180	3	3
6/1/1999	15:00		17.2	1.7	187	2	4
6/15/1999	14:35	36.2	23.5	17	196	1	2
6/29/1999	14:10	23.1	20.5	1.2	194	1	3
7/12/1999	14:55	35	23.6	1.2	198	1	3
7/26/1999	14:15	34.1	13.6	1.2	251	1	2
8/10/1999	14:15	35.4	22.9	1	202	1	2
8/23/1999	14:00	36.04	21	1.3	207	1	2
9/7/1999	14:40	26.9	18.1	1.1	209	1	2
9/21/1999	14:25	34.2	18.4	1.1	205	1	2
10/5/1999	14:55	17.9	12.8	0.8	202	1	2
10/18/1999	14:35	19.7	11.4	0.7	205	1	1U
11/2/1999	14:57	7.6	7.2	0.7	202	2	1U
11/16/1999	14:40	11.4	10	0.7	204	2	1U
Streamflow reported by Ecology using stage-discharge rating curve.							

J: The analyte was positively identified. The associated numerical result is an estimate.
U: The analyte was not detected at or above the reported result.

Table 20. Station ID: 19-WEN (Wenas Cr. via Buffalo Rd.)							
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)
4/12/1999	16:40	15.1	11.4	15	148	82.4	41
4/20/1999	15:50		11.1	24	130	162	98
5/3/1999	15:35	17.4	12.7	11	135	88.6	31
5/18/1999	16:00	17.1	14.2	7.6	165	44.7	16
6/1/1999	15:50		16.7	14	127	68.4	42
6/15/1999	15:20	43.2	24.5	12	153	36.9	25
6/29/1999	15:45	27.6	21.4	2.6	258	6.1	5
7/12/1999	16:10	37.2	28.3	3	340	1.7	7
7/26/1999	16:10	34.6	24.6	2.1	325	2.9	3
8/10/1999	16:00	34.9	26.4	2.8	354	0.5	4
8/23/1999	15:15	32.4	21.2	3.2	281	4	4
9/7/1999	16:10	23.6	17.6	3.3	340	2.7	5
9/21/1999	15:40	32	18.6	6	365	3.7	10
10/5/1999	16:22	19	12.4	3.6	310	5.8	7
10/18/1999	16:10	18	9.7	3	360	5.5	4
11/2/1999	16:02	8.5	6.4	2	353	6.4	13J
11/16/1999	16:05	11.3	10.2	2.7	400	5.8	3
Streamflow reported by Ecology using stage-discharge rating curve.							

Table 21. Station ID: 20-TWHN (Town Ditch at Hannah Rd.)									
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100 mL)
4/13/1999	13:10	11.4	7.6	16	105	90 J	39	1.86	260
4/19/1999	14:15	13	6.9	32	105	91 J	46		
5/4/1999	13:10	10.2	8.6	5.6	110	105 J	8	1.43	66
5/19/1999	14:30	22.4	10.9	5.3	107	108 J	10		
6/2/1999	12:35		8.8	9.3	104	95 J	11	1.29	560
6/14/1999	10:25	24.2	13.1	8.6	96	102 J	11		
6/28/1999	10:40	16.2	12.2	8	79	97 J	10	0.976	280
7/14/1999	13:50	29.6	15.3	5.3	85	128 J	10		
7/28/1999	12:10	38.5	18.7	3.4	90	120 J	5	1.09	140
8/9/1999	11:15	25	13.6	3.2	84	128 J	4		
8/24/1999	10:55	26.2	13.75	1.8	80	129 J	3	0.94	113
9/8/1999	10:40	26.8	12.5	2.2	90	95 J	3		
9/22/1999	12:45	31	15	3.5	98	85 J	3	1.32	65
10/4/1999	10:29	11.7	9.8	2.3	102	70 J	3		
10/19/1999	12:00	16.4	8.4	1.6	89	59 J	3	1.38	1
11/3/1999	15:06	9.3	8.2	5.1	338	0	2J		
11/17/1999	12:10	10.7	8.9	5.8	350	0	4	4.31	3
Surface water flow, estimated from Ellensburg Water Company records.									

J: The analyte was positively identified. The associated numerical result is an estimate.
U: The analyte was not detected at or above the reported result.

Table 22. Station ID: 21-TWE3 (Town Ditch at East 3rd)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100 mL)
4/13/1999	13:45		8.2	70	108	80 J	223	2.17	370
4/19/1999	14:45	14	8.1	29	105	80 J	42		
5/4/1999	13:40	9.5	9	6.7	115	95 J	11	1.57	60
5/19/1999	15:00	22.9	11.9	6.4	110	100 J	12		
6/2/1999	13:10		9.2	9.6	112	85 J	17	1.33	220
6/14/1999	10:50	26.4	13.8	8.3	100	90 J	14		
6/28/1999	11:00	17.4	12.4	7	83	87 J	10	1.04	220
7/14/1999	14:15	16.4	15.4	5.3	85	118 J	10		
7/28/1999	12:40	35	18.8	5.1	92	110 J	8	1.09	160
8/9/1999	11:35	32.4	14.4	4.2	88	118 J	6		
8/24/1999	11:35	28	14.6	2.8	85	119 J	8	0.942	100
9/8/1999	11:00	17.7	12.7	3	94	85 J	5		
9/22/1999	13:10	27.7	15.5	2.9	100	75 J	3	1.44	100
10/4/1999	10:52	12.2	10	2.5	102	60 J	3		
10/19/1999	12:30	13.5	8.5	1.8	95	49 J	3	1.4	28
11/3/1999	15:28	8.3	8.3	4.4	293	0.02 J	7		
11/17/1999	12:50	13	9.3	4.3	310	0.1 J	7	5.13	110

Surface water flow, estimated from Ellensburg Water Co. records. Flow on 11/3/99 and 11/17/99 was measured by Ecology using a current meter.

Table 23. Station ID: 22-WLSN (Wilson Creek at Sanders Rd.)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100 mL)	E. Coli (#/100 mL)
4/13/1999	13:25	10.3	8	5.8	118	8.5	7	1.32	360	
4/19/1999	14:30	14	8.7	22	125	23.6	41			
5/4/1999	13:30	9.8	9.1	6.1	102	48.9	10	1.19	550	
5/19/1999	14:45	19	12	11	105	33.7	22			
6/2/1999	12:45		7.7	7.1	77	110.8	10	0.868	230	
6/14/1999	10:40	23.5	11.8	12	88	46.6	21			
6/28/1999	10:50	18.6	11.3	5.3	111	21.2	9	0.895	300	
7/14/1999	14:00	18.3	16	4.5	135	1.4	6			
7/28/1999	12:25	33.5	19.3	5.5	145	3.1	5	1.55	860	
8/9/1999	11:25	26.4	17.4	3.8	190	4.3	3			
8/24/1999	11:15	26.8	17.9	3.4	135	3	5	1.7	1000	
9/8/1999	10:50	16.4	12.5	2.5	189	4.2	5			
9/22/1999	12:55	27.8	16.6	3	121	2	4	1.39	870	870
10/4/1999	10:41	10.2	9.9	28	110	13.9	56			
10/19/1999	12:15	12.3	7.8	1.1	185	0.6	1U	1.89	190	190
11/3/1999	15:18	8.5	7.3	1.1	214	0.5	2			
11/17/1999	12:30	9.1	7.8	1	197	0.7	1	2.04	85	85

Streamflow reported by Ecology using stage-discharge rating curve, except measured 8/9/99, 8/24/99, 11/3/99 and 11/17/99.

J: The analyte was positively identified. The associated numerical result is an estimate.
U: The analyte was not detected at or above the reported result.

Table 24. Station ID: 23-WLUM (Wilson Creek at Umtanum Rd.)												
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	Klebsiella (%)	TOC (mg/L)
4/13/1999	14:10	11.8	8.9	6	180	24.3	8	4.03	140			
4/19/1999	15:00	15	10	12	170	35.6	18					
5/4/1999	13:55	9.2	9.6	8	160	70.5	12	2.96	170			
5/19/1999	15:30	16.6	14.2	8.2	180	71.9	17					
6/2/1999	13:25		9.8	8.1	142	107.2	11	1.99	290			
6/14/1999	11:05	27	13.8	8.4	150	72.3	13					
6/28/1999	11:25	18.7	12.5	7.1	159	62.5	12	2.445	910			
7/14/1999	14:30	21.7	15.2	4.8	200	29.5	9					
7/28/1999	13:00	36.1	18.2	4.6	220	24.4	8	3.55	1000			
8/9/1999	11:50	27.7	16.4	6.9	182	56.8	12					
8/24/1999	11:50	30.1	16.9	4.9	220	34.5	8	3.61	2000			
9/8/1999	11:25	19.5	12.7	4.1	202	33.7	6					
9/22/1999	13:30	30.09	15.2	4.4	215	30.9	6	3.54	1100	1100		
10/4/1999	11:07	14.6	9.5	3.4	198	31.4	4					
10/19/1999	13:00	16	9.6	1.4	250	12.9	1	6.11	510	380		
11/3/1999	14:47	8.2	7.8	1.3	259	12.9	2					
11/17/1999	13:10	9.8	9	1.4	256	11.2	1	5.95	130	110		
Streamflow reported by Ecology using stage-discharge rating curve, except on 8/24/99 it was measured by a current meter.												

Table 25. Station ID: 24-WLCM (Wilson Creek behind the Comfort Inn)												
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	Klebsiella (%)	TOC (mg/L)
4/13/1999	14:20	12.1	9.5	23	150	4.2	24	2.47	16			
4/19/1999	15:20	15	9.3	40	130	9.5	80					
5/4/1999	14:15	10.3	8.4	10	115	25	16	1.62	340J			
5/19/1999	15:45	19.5	11.4	8.8	120	15.6	16					
6/2/1999	13:35		8.4	8.9	90	45.9	13	1.18	170J			
6/14/1999	11:20	28	13.2	11	99	30.1	24					
6/28/1999	11:35	20.9	12.4	8.5	134	11.6	16	1.78	190			
7/14/1999	14:40	19	16	3.7	212	1.9	7					
7/28/1999	13:10	35.3	20	5	229	2.8	9	4.52	320			
8/9/1999	13:15	32.5	19	5.3	218	3.4	6					
8/24/1999	12:00	33.2	19	5	198	2.04	7	3.88	380			
9/8/1999	11:35	20.4	13.2	6.4	179	5.2	10					
9/22/1999	13:45	35.4	16.3	6.3J	185	2.5	11	3.59	710			
10/4/1999	15:29	14.3	11.7	8.4	143	8.2	12					
10/19/1999	13:15	14.2	8.7	2	275	0.8	2	5.89	15	15		
11/3/1999	14:40	9.4	6.9	1	268	0.6	2					
11/17/1999	13:25	11.7	9	0.8	280	0.8	1U	5.87	13	13		
Streamflow reported by Ecology using stage-discharge rating curve, except on 8/24/99 it was measured by a current meter.												

Table 26. Station ID: 25-WLTH (Wilson Creek at Thrall Rd.)												
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	Klebsiella (%)	TOC (mg/L)
4/13/1999	14:45	13.6	10.1	13	155	103	23	2.75	46			
4/19/1999	15:30	16	11	23	170	137	42					
5/4/1999	14:30	9.4	10	20	152	472	43	2.64	170			
5/19/1999	16:00	18.9	13.8	15	190	459	37					
6/2/1999	13:50		10.5	14	150	588	27	1.97	290			
6/14/1999	13:45	32.1	18.2	16	165	423	37					
6/28/1999	12:15	20.6	13.8	9.8	153	427	28	2.12	290			
7/14/1999	14:55	24.5	17.1	6.7	208	206	15					
7/28/1999	13:30	34.2	21.3	9.7	212	148	17	2.97	320			
8/9/1999	12:55	28.6	18.6	9.9	205	220	18					
8/24/1999	13:35	34	20	6	202	177	13	2.79	1000			
9/8/1999	12:00	22.3	13.7	6.4	190	252	12					
9/22/1999	14:00	28.5	17.3	6.3	215	113	9	3.16	290			
10/4/1999	15:09	21.1	12.3	8.8	202	151	14					
10/19/1999	13:35	13.9	10.1	3.6	205	89	6	3.2	150			
11/3/1999	15:49	7.5	7.5	4.9	254	62	10					
11/17/1999	14:00	9.3	9.5	3.5	253	60	6	4.09	26			
Streamflow reported by United States Bureau of Reclamation using USBR streamflow procedures												

J: The analyte was positively identified. The associated numerical result is an estimate.
u: The analyte was not detected at or above the reported result.

Table 27. Station ID: 26-NN (Naneum Creek Upper Basin)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	Klebsiella (%)	TOC (mg/L)
4/13/1999	8:05	2.3	2.1	4.7	100	297	4	0.79	3			
4/19/1999	7:50	7	3.5	11	90	667	20					
5/4/1999	7:35	3.4	3.4	3.6	79	210	4	0.67	5			
5/19/1999	7:15	5.3	4.3	2.7	76	165	5					
6/2/1999	7:45		4.2	6	55	419	11	0.612	3			
6/14/1999	7:40	17.3	7.4	3.4	60	297	8					
6/28/1999	7:40	13	16.6	2.5	51	152	4	0.587	25			
7/14/1999	7:40	10.5	8.6	1.4	70	61.2	4					
7/28/1999	7:30	20	11.3	1.7	80	30.7	2	0.632	42			
8/9/1999	7:55	15.8	11.1	1.9	82.5	28.3	1					
8/24/1999	7:30	19	12.5	1.5	87	24.6	3	0.641	3			
9/8/1999	12:50	22.5	9.7	1	88	21.8	1					
9/22/1999	7:40	13.4	9.4	1.5	90	20.1	3	0.745	8			
10/4/1999	8:07	5.4	4.5	1	88	20.5	1					
10/19/1999	7:45	1.8	2.8	0.8	88	19.7	1U	0.811	1			
11/3/1999	8:52	2.5	1.5	0.7	92	17.9	1					
11/17/1999	7:30	6.1	5.5	1.5	92	34	1	1.04	15			

Streamflow reported by Ecology using stage-discharge rating curve, except on 11/3/99 it was measured by a current meter.

Table 28. Station ID: 27-NNFR (Naneum Creek near Fiorito Ponds area)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	Klebsiella (%)	TOC (mg/L)
4/13/1999	12:25	11.9	8	15	150	58	25	2.13	53			
4/19/1999	15:45	16	10.5	40	160	66	74					
5/4/1999	11:00	10.1	7.1	20	160	211	52	2.2	220			
5/19/1999	11:15	16.2	10.1	16	180	189	42					
6/2/1999	11:40		9.9	16	142	327	39	1.55	340			
6/14/1999	13:30	32	17.1	21	168	126	50					
6/28/1999	11:55	19.4	12.8	140*	143	195	35	1.52	420			
7/14/1999	13:10	18.7	15.4	13	205	58	24					
7/28/1999	11:25	32.1	18.7	14	203	78	29	2.32	490			
8/9/1999	10:35	23.8	15.9	14	210	147	29					
8/24/1999	10:15	25.7	16.7	9.2	203	92	25	2.02	400			
9/8/1999	10:00	12.8	11.6	9.7	179	211	18					
9/22/1999	11:45	27.9	14.5	10	202	83	13	2.62	240			
10/4/1999	14:52	13.3	11.9	11	218	87	19					
10/19/1999	11:15	8.2	7.4	4	202	74	6	2.71	88			
11/3/1999	11:44	4.6	6	4.4	252	52	8					
11/17/1999	11:25	10.6	8.3	3.5J	227	43	4	2.55	14			

Streamflow reported by Ecology using stage-discharge rating curve. *Questionable result for turbidity on 6/28/99.

Table 29. Station ID: 28-SCH (Schnebly Upper Basin)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	Klebsiella (%)	TOC (mg/L)
4/19/1999	8:25	9	4.9	16	90	6.9	31					
5/4/1999	8:00	3.9	3.9	2.2	100	0.6	2	0.95	83			
5/19/1999	7:45	8.4	7	1.1	120		2					

Streamflow was measured with current meter.

J: The analyte was positively identified. The associated numerical result is an estimate.
u: The analyte was not detected at or above the reported result.

Table 30. Station ID: 29-CL (Coleman Creek upper basin)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	Klebsiella (%)	TOC (mg/L)
4/13/1999	8:45	6	2.6	5.9	86	34	9	0.84	1u			
4/19/1999	12:15	11	5.3	25	75	67.8	55					
5/4/1999	8:50	5.2	3.5	5.9	75	54.9	10	0.69	11			
5/19/1999	8:30	9.6	4.8	4	75	47.4	6					
6/2/1999	8:20		4.7	6.3	62	56.1	12	0.581	91			
6/14/1999	8:20	19.3	9	4	68	36.2	8					
6/28/1999	8:10	11.9	17.7	1.9	57	22.8	4	0.512	8			
7/14/1999	8:05	11.6	9.7	1.3	82.5	14.2	3					
7/28/1999	8:05	25.2	12.8	2	83	9.9	4	0.593	18			
8/9/1999	8:20	17.6	12.9	2.5	97	6.1	2					
8/24/1999	8:00	20.4	14	1.3	101	3.5	3	0.611	14			
9/8/1999	13:15	23.9	11.1	1.2	100	4	2					
9/22/1999	8:25	15.3	9.9	2	107	2.4	3	0.641	51			
10/4/1999	8:35	9.2	7.2	1.5	97	4	3					
10/19/1999	8:20	4.2	4	1	100	2.4	1U	0.736	6			
11/3/1999	9:23	3.9	1.8	0.8	104	3	1U					
11/17/1999	8:15	5	5.4	0.9	105	3.5	1U	0.926	1U			

Streamflow reported by Ecology using stage-discharge rating curve, except on 6/2/99, 9/8/99, and 11/3/99 it was measured by a current meter

Table 31. Station ID: 30-CK (Cooke Creek Upper Basin)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	Klebsiella (%)	TOC (mg/L)
4/13/1999	9:10	6.1	2.3	5.6	89	25	9	0.83	24			
4/19/1999	12:30	11	5.8	20	65	76.9	52					
5/4/1999	9:05	3.6	3.3	5.7	60	54.7	11	0.72	11			
5/19/1999	8:45	9.5	4.7	4.2	65	39.6	11					
6/2/1999	8:50		5.4	4.3	70	21	9	0.635	73			
6/14/1999	8:40	21.4	11.4	3.8	88	4	9					
6/28/1999	8:25	11.4	8.8	1.6	102	0.8	2	0.715	230			
7/14/1999	8:15	11.3	10.4	1.4	109	0.3	2					
7/28/1999	8:20	25	15.1	1.2	114	0.1	2	0.755	190			
8/9/1999	8:30	17.7	14.6	1.3	117	0.1	6					
8/24/1999	8:15	20.6	15.8	1	119	0.1	1U	0.695	51			
9/8/1999	13:40	25.4	13.8	1.3	115	0.1	1					
9/22/1999	8:40	19.1	12.2	4.3	118	0.1	1U	0.836	300	300	0	
10/4/1999	8:44	8.3	6.1	1.6	110	0.3	2					
10/19/1999	8:35	6.5	4.5	1.3	100	1.7	6	0.841	43	43	0	
11/3/1999	9:48	3.2	2.2	0.6	117	1.6	1					
11/17/1999	8:30	5.6	5.4	1	119	2	1U	1.01	9	9	1U	

Streamflow reported by Ecology using stage-discharge rating curve, except on 6/2/99, 9/8/99, and 11/3/99 it was measured by a current meter.

Table 32. Station ID: 31-CK81 (Cooke Creek at No 81 Rd.)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	Klebsiella (%)	TOC (mg/L)
4/13/1999	10:30	8.7	5.5	12	110	16.4	20	1.06	850J			
4/19/1999	13:30	12	8	50	90	25.7	149					
5/4/1999	9:55	7.2	5.8	12	98	59.5	31	1.1	77			
5/19/1999	10:00	13	8.2	15	130	24.1	32					
6/2/1999	10:30		8.3	7.7	142	58.3	19	1.15	850J			
6/14/1999	9:30	22.5	14.4	12	180	10.6	23					
6/28/1999	9:00	13.8	11.5	7.7	136	24.9	19	1.38	1600			
7/14/1999	9:05	19.3	12.4	10	122	64.5	25					
7/28/1999	8:55	21.1	15.6	13	182	8.6	18	1.78	2900			
8/9/1999	8:55	20.4	15.3	7.3	155	10.2	14					
8/24/1999	9:00	22.3	16.4	6.9	198	6.7	18	1.4	2500			
9/8/1999	14:40	26.8	17.8	7.2	215	5.3	12					
9/22/1999	9:30	24.1	12.3	3.1	212	3.5	5	1.27	900	900	4	
10/4/1999	9:16	7.2	8	2.2	193	4.1	3					
10/19/1999	9:20	3.8	5	1.4	251	3.3	1	1.66	85	85	0	
11/3/1999	10:51	3.7	3.8	1.5	247	3.3	2					
11/17/1999	9:15	6.6	6.3	1.3	244	1 J	2	1.68	23	23	14	

Streamflow reported by Ecology using stage-discharge rating curve.

J: The analyte was positively identified. The associated numerical result is an estimate.
u: The analyte was not detected at or above the reported result.

Table 33. Station ID: 32-CKFA (Cooke Creek at Fairview Rd.)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	Klebsiella (%)	TOC (mg/L)
4/13/1999	11:00	9.2	5.8	11	125	21.2	18	1.32	100			
4/19/1999	13:45	12	8.3	60	125	63.9	146					
5/4/1999	10:10	8	6	18	115	60.1	43	1.44	96			
5/19/1999	10:20	14.3	8.6	15	150	56	37					
6/2/1999	10:40		8.5	9.8	169	33	22	1.87	1700J			
6/14/1999	9:45	22.7	14.4	12	193	14.5	24					
6/28/1999	9:20	14.8	11.4	8	168	17.7	16	2.08	2100			
7/14/1999	9:30	16.3	12.9	5.7	234	5.9	8					
7/28/1999	9:10	22.3	15.9	8.6	222	13.6	17	2.73	830			
8/9/1999	9:05	19.8	15.8	16	221	11.4	37					
8/24/1999	9:30	23	17	22	221	15.9	58	2.12	1800			
9/8/1999	14:50	26.6	16.4	9.8	220	13.1	19					
9/22/1999	10:00	24.2	13.3	7	268	9.6	12	3.28	730	670		
10/4/1999	9:31	8.4	8.8	5	277	5.7	10					
10/19/1999	9:45	5.5	5.9	1.8	300	6.6	3	3.57	46	46	0	
11/3/1999	11:05	5.1	4.8	2.6	302	4.9	4					
11/17/1999	9:45	8.3	7.2	2	326	4.7	2	4.09	35	27	1U	

Streamflow reported by Ecology using stage-discharge rating curve, except on 9/8/99 it was measured by a current meter.

Table 34. Station ID: 33-CR (Caribou Creek below KRD North Canal)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	Klebsiella (%)	TOC (mg/L)
4/13/1999	9:40	6.5	3.5	15	105	24.4	32	1.18	490			
4/19/1999	13:00	11	8	60	74	34.8	127					
5/4/1999	9:30	4.1	5.1	6.8	110	23.9	18	1.41	120			
5/19/1999	9:15	10.7	7.6	3.8	104	20.3	9					
6/2/1999	9:20		8.8	4.5	205	1.3	7	2.01	190			
6/14/1999	8:50	20.8	13.1	3.1	230	0.9	4					
6/28/1999	8:40	12.1	11.4	3.2	91	14.1	6	1.36	46			
7/14/1999	8:45	14.1	11.5	1	280	0.8	2					
7/28/1999	8:35	21.5	14.3	2.2	135	1.3	3	1.73	84			
8/9/1999	8:45	17.7	14.1	1.3	136	1.3	1U					
8/24/1999	8:35	20.8	15.5	1.3	141	1.3	3	1.86	280			
9/8/1999	14:10	24.6	16	1.2	198	2.2	1U					
9/22/1999	9:15	21.2	13.9	5.1	150	0.4	16	1.69	1800J		0	
10/4/1999	8:57	7.5	10.8	1.1	106	4.8	2					
10/19/1999	9:00	4.6	7.8	0.6	270	0.8	1U	3	54		0	
11/3/1999	10:08	3.2	6.8	2.2	275	1	7					
11/17/1999	8:50	5.6	8.3	3.4	288	1.6	40	2.95	48		1U	

Streamflow reported by Ecology using stage-discharge rating curve, except on 6/2/99, 9/8/99, and 11/3/99 it was measured by a current meter.

Table 35. Station ID: 34-PR (Parke Creek Upper Basin)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	Klebsiella (%)	TOC (mg/L)
4/13/1999	10:05	9.2	4.7	9	123	2.5	9	1.36	110			
4/19/1999	9:30	10	7.1	5.9	125	2.1	10					
5/4/1999	9:45	5.4	7.3	1.6	245	0.8	3	2.82	190			
5/19/1999	9:30	12.5	9.4	0.8	285	0.8	1U					
6/2/1999	10:10		9.5	0.7	222	0.1	3	1.84	66			

Streamflow reported by Ecology using stage-discharge rating curve, except on 6/2/99 it was measured by a current meter.

J: The analyte was positively identified. The associated numerical result is an estimate.
u: The analyte was not detected at or above the reported result.

Table 36. Station ID: 35-JNFR (Johnson Drain at So Ferguson Rd.)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	Klebsiella (%)	TOC (mg/L)
4/13/1999	11:15	10.5	7.6	3.2	650	2	8	11.2	15			
4/19/1999	11:15	9	8.5	29	325	10.4	69					
5/4/1999	10:30	8.4	8.6	28	330	22	106	5.77	420			
5/19/1999	11:00	16	12.1	22	340	29.4	74					
6/2/1999	10:55		10.1	26	305	27.3	107	3.61	710			
6/14/1999	9:55	21.5	15.3	26	352	23.8	71					
6/28/1999	9:30	14.5	11.8	120*	470	19.8	54	5.78	2500			
7/14/1999	9:55	15	12.3	23	410	14.2	22					
7/28/1999	9:30	23.6	16.5	15	380	23.2	35	4.27	830			
8/9/1999	9:20	21.9	16.3	11	410	30.1	35					
8/24/1999	9:45	25.4	16.8	6.1	400	23.2	18	4.03	600			
9/8/1999	7:30	6.6	10.7	9.2	329	26.95	31					
9/22/1999	10:20	18.8	13.5	11	350	28.5	35	4.85	550	550		
10/4/1999	9:48	7.2	8.2	5.6	353	15.7	13					
10/19/1999	10:00	5.4	8.4	1.7	390	10.4	4	5.37	15	15		
11/3/1999	11:23	5.5	7.7	7.4	615	8.9	15					
11/17/1999	10:10	10.6	9.1	5.9	635	7.9	17	10.4	92	76	1u	

Streamflow reported by Ecology using stage-discharge rating curve, except on 9/8/99 it was measured by a current meter
*Questionable result for turbidity on 6/28/99.

Table 37. Station ID: 36-CHMO Cherry Creek at Moe Rd.)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	TOC (mg/L)	DOC (mg/L)
4/13/1999	12:00	13.1	7.8	13	230	87	26	3.18	22			
4/19/1999	10:45	12	7.5	60	225	124	153					
4/21/1999	14:25						74				8.2	5.5
5/4/1999	12:30	10.6	9	45	235	244	146	3.47	680J			
5/19/1999	13:00	21.1	12.8	29	278	164	92				5	4
6/2/1999	11:20		10	36	260	229	113	2.88	380			
6/14/1999	12:35	28.6	16.8	20	300	220	45				4.7	4
6/28/1999	9:50	15.7	12	120*	255	151	36	2.7	630			
7/14/1999	10:20	16.2	13.8	9.3	359	66	49				5.7	5.1
7/28/1999	11:00	31.5	15.8	23	373	114	46	3.83	350			
8/9/1999	9:30	30.7	16.3	19	372	112	42				6.1	5.4
8/24/1999	14:05	36.9	19.2	12	325	90	33	3.08	400			
9/8/1999	9:40	12.9	11.7	13	261	95	34				3.1	2.8
9/22/1999	10:30	24.6	13.7	13	335	104	26	3.88	1100J	310		
10/4/1999	13:50	16.8	12.6	10	308	95	21				4.3	4.1
10/19/1999	10:20	7	8.7	12	365	81	31	4.61	310J	310J		
11/3/1999	13:49	10.8	8.8	12	421	47	34				2.2	1.9
11/17/1999	10:35	11.5	9.3	9.1	420	34	28	5.76	69	40		

Streamflow reported by Ecology using stage-discharge rating curve.
*Questionable result for turbidity on 6/28/99.

Table 38. Station ID: 37-WPMO (Wipple Wasteway at Moe Rd.)

Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	TOC (mg/L)	DOC (mg/L)
4/13/1999	11:35	10.9	7.8	25	380	22	50	6.91	28			
4/19/1999	10:00	12	9	28	280	49	72					
4/21/1999	13:20						183				6.2	4.8
5/4/1999	12:00	9.5	9	20	260	86	46	5.22	300J			
5/19/1999	12:10	20	11.6	15	200	167	38				3.4	2.8
6/2/1999	11:15		10.2	23	220	124	65	3.63	480			
6/14/1999	12:10	28.7	16.8	17	288	80	38				3.9	3.7
6/28/1999	10:10	15.5	12.5	110*	148	167	37	2.68	190			
7/14/1999	12:15	17.7	15.6	8	250	81.8	24				3.3	2.9
7/28/1999	10:40	29.8	17.3	9.5	329	84	24	4.72	200			
8/9/1999	12:05	28.9	18	25	269	169.8	53				5.7	5.2
8/24/1999	15:15	35.6	19.9	9.9	300	130.4 J	25	4.38	220			
9/8/1999	8:15	7	12.3	9.2	173	202.4	25				2.2	1.8
9/22/1999	10:55	24.9	15	8.2	243	96.7	21	2.53	170	170		
10/4/1999	13:09	19	12.2	9.1	207	188.7	17				2.7	2.5
10/19/1999	10:40	9.5	8.4	2.7	440	39.5	5	7.96	69	69		
11/3/1999	13:10	8.6	8.3	2.7	497	33.1	4				2.1	2.2
11/17/1999	11:00	11.6	9.1	2.5	500	30.8	5	9.31	23	9		

J: The analyte was positively identified. The associated numerical result is an estimate.
u: The analyte was not detected at or above the reported result.

Table 39. Station ID: CCMO (Cascade Canal at Moe Rd.)												
Date	Time	Air Temp. (ºC)	Water Temp. (ºC)	Turbidity (NTU)	Conductivity (umhos/cm)	Flow (cfs)	TSS (mg/L)	Chloride (mg/L)	Fecal Col. (#/100mL)	E. Coli (#/100mL)	TOC (mg/L)	DOC (mg/L)
4/13/1999	11:30	10.9	7.8	410	495	0.55	858	10.7	1100			
4/19/1999	10:35	12	9.8	60	300	0.47	141					
5/4/1999	12:10	9.5	9.2	85	200		242	4.66	210			
6/28/1999	12:50	25.7	17.3	8.4	220	5.74	100	3	500			

J: The analyte was positively identified. The associated numerical result is an estimate.
u: The analyte was not detected at or above the reported result.

Table 40. Pesticide data collected from Cherry Creek at Moe Rd (36-CHMO) & Wipple Wasteway at Moe Rd (37-WPMO)									
	Station ID 36-CHMO					Station ID 37-WPMO			
Sample Date	Parameter	Value	Qualifier	Units	Sample Date	Parameter	Value	Qualifier	Units
6/14/1999	2,3,4,5-Tetrachlorophenol	0.044	U	ug/L	6/14/1999	2,3,4,5-Tetrachlorophenol	0.045	U	ug/L
8/9/1999	2,3,4,5-Tetrachlorophenol	0.045	U	ug/L	8/9/1999	2,3,4,5-Tetrachlorophenol	0.045	U	ug/L
10/4/1999	2,3,4,5-Tetrachlorophenol	0.14	U	ug/L	10/4/1999	2,3,4,5-Tetrachlorophenol	0.046	U	ug/L
6/14/1999	2,3,4,6-Tetrachlorophenol	0.044	U	ug/L	6/14/1999	2,3,4,6-Tetrachlorophenol	0.045	U	ug/L
8/9/1999	2,3,4,6-Tetrachlorophenol	0.045	U	ug/L	8/9/1999	2,3,4,6-Tetrachlorophenol	0.045	U	ug/L
10/4/1999	2,3,4,6-Tetrachlorophenol	0.14	U	ug/L	10/4/1999	2,3,4,6-Tetrachlorophenol	0.046	U	ug/L
6/14/1999	2,4,5-T	0.064	U	ug/L	6/14/1999	2,4,5-T	0.065	U	ug/L
8/9/1999	2,4,5-T	0.065	U	ug/L	8/9/1999	2,4,5-T	0.066	U	ug/L
10/4/1999	2,4,5-T	0.2	U	ug/L	10/4/1999	2,4,5-T	0.067	U	ug/L
6/14/1999	2,4,5-TB	0.072	U	ug/L	6/14/1999	2,4,5-TB	0.073	U	ug/L
8/9/1999	2,4,5-TB	0.073	U	ug/L	8/9/1999	2,4,5-TB	0.074	U	ug/L
10/4/1999	2,4,5-TB	0.23	U	ug/L	10/4/1999	2,4,5-TB	0.075	U	ug/L
6/14/1999	2,4,5-TP (Silvex)	0.064	U	ug/L	6/14/1999	2,4,5-TP (Silvex)	0.065	U	ug/L
8/9/1999	2,4,5-TP (Silvex)	0.065	U	ug/L	8/9/1999	2,4,5-TP (Silvex)	0.066	U	ug/L
10/4/1999	2,4,5-TP (Silvex)	0.2	U	ug/L	10/4/1999	2,4,5-TP (Silvex)	0.067	U	ug/L
6/14/1999	2,4,5-Trichlorophenol	0.048	U	ug/L	6/14/1999	2,4,5-Trichlorophenol	0.049	U	ug/L
8/9/1999	2,4,5-Trichlorophenol	0.049	U	ug/L	8/9/1999	2,4,5-Trichlorophenol	0.049	U	ug/L
10/4/1999	2,4,5-Trichlorophenol	0.15	U	ug/L	10/4/1999	2,4,5-Trichlorophenol	0.05	U	ug/L
6/14/1999	2,4,6-Trichlorophenol	0.048	U	ug/L	6/14/1999	2,4,6-Trichlorophenol	0.049	U	ug/L
8/9/1999	2,4,6-Trichlorophenol	0.049	U	ug/L	8/9/1999	2,4,6-Trichlorophenol	0.049	U	ug/L
10/4/1999	2,4,6-Trichlorophenol	0.15	U	ug/L	10/4/1999	2,4,6-Trichlorophenol	0.05	U	ug/L
6/14/1999	2,4-D	0.075		ug/L	6/14/1999	2,4-D	0.14		ug/L
8/9/1999	2,4-D	0.18		ug/L	8/9/1999	2,4-D	0.25		ug/L
10/4/1999	2,4-D	0.36		ug/L	10/4/1999	2,4-D	0.046	J	ug/L
6/14/1999	2,4-DB	0.096	U	ug/L	6/14/1999	2,4-DB	0.097	U	ug/L
8/9/1999	2,4-DB	0.098	U	ug/L	8/9/1999	2,4-DB	0.098	U	ug/L
10/4/1999	2,4-DB	0.3	U	ug/L	10/4/1999	2,4-DB	0.1	U	ug/L
6/14/1999	3,5-Dichlorobenzoic Acid	0.08	U	ug/L	6/14/1999	3,5-Dichlorobenzoic Acid	0.081	U	ug/L
8/9/1999	3,5-Dichlorobenzoic Acid	0.081	U	ug/L	8/9/1999	3,5-Dichlorobenzoic Acid	0.082	U	ug/L
10/4/1999	3,5-Dichlorobenzoic Acid	0.25	U	ug/L	10/4/1999	3,5-Dichlorobenzoic Acid	0.083	U	ug/L
4/21/1999	4,4'-DDD	6E-04	U	ug/L	4/21/1999	4,4'-DDD	6E-04	U	ug/L
4/21/1999	4,4'-DDD	7E-04	U	ug/L	5/19/1999	4,4'-DDD	6E-04	U	ug/L
5/19/1999	4,4'-DDD	6E-04	U	ug/L	5/19/1999	4,4'-DDD	6E-04	U	ug/L
6/14/1999	4,4'-DDD	6E-04	U	ug/L	6/14/1999	4,4'-DDD	6E-04	U	ug/L

Sample Date	Station ID 36-CHMO Parameter	Value	Qualifier	Units	Sample Date	Station ID 37-WPMO Parameter	Value	Qualifier	Units
6/14/1999	4,4'-DDD	6E-04	U	ug/L	7/14/1999	4,4'-DDD	4E-04	J	ug/L
7/14/1999	4,4'-DDD	5E-04	J	ug/L	7/14/1999	4,4'-DDD	5E-04	J	ug/L
8/9/1999	4,4'-DDD	7E-04	U	ug/L	8/9/1999	4,4'-DDD	4E-04	J	ug/L
8/9/1999	4,4'-DDD	7E-04	U	ug/L	9/8/1999	4,4'-DDD	7E-04	U	ug/L
9/8/1999	4,4'-DDD	6E-04	U	ug/L	9/8/1999	4,4'-DDD	6E-04	U	ug/L
10/4/1999	4,4'-DDD	6E-04	U	ug/L	10/4/1999	4,4'-DDD	6E-04	U	ug/L
10/4/1999	4,4'-DDD	7E-04	U	ug/L	11/3/1999	4,4'-DDD	6E-04	U	ug/L
11/3/1999	4,4'-DDD	6E-04	U	ug/L	11/3/1999	4,4'-DDD	6E-04	U	ug/L
4/21/1999	4,4'-DDE	7E-04	J	ug/L	4/21/1999	4,4'-DDE	0.001		ug/L
4/21/1999	4,4'-DDE	7E-04	J	ug/L	5/19/1999	4,4'-DDE	7E-04	J	ug/L
5/19/1999	4,4'-DDE	5E-04	J	ug/L	5/19/1999	4,4'-DDE	7E-04	J	ug/L
6/14/1999	4,4'-DDE	4E-04	NJ	ug/L	6/14/1999	4,4'-DDE	7E-04	J	ug/L
6/14/1999	4,4'-DDE	4E-04	NJ	ug/L	7/14/1999	4,4'-DDE	7E-04		ug/L
7/14/1999	4,4'-DDE	8E-04		ug/L	7/14/1999	4,4'-DDE	7E-04		ug/L
8/9/1999	4,4'-DDE	4E-04	J	ug/L	8/9/1999	4,4'-DDE	0.001		ug/L
8/9/1999	4,4'-DDE	4E-04	J	ug/L	9/8/1999	4,4'-DDE	7E-04	U	ug/L
9/8/1999	4,4'-DDE	6E-04	U	ug/L	9/8/1999	4,4'-DDE	6E-04	U	ug/L
10/4/1999	4,4'-DDE	6E-04	U	ug/L	10/4/1999	4,4'-DDE	6E-04	U	ug/L
10/4/1999	4,4'-DDE	7E-04	U	ug/L	11/3/1999	4,4'-DDE	6E-04	U	ug/L
11/3/1999	4,4'-DDE	6E-04	U	ug/L	11/3/1999	4,4'-DDE	6E-04	U	ug/L
4/21/1999	4,4'-DDT	7E-04	U	ug/L	4/21/1999	4,4'-DDT	4E-04	J	ug/L
4/21/1999	4,4'-DDT	6E-04	U	ug/L	5/19/1999	4,4'-DDT	2E-04	NJ	ug/L
5/19/1999	4,4'-DDT	2E-04	NJ	ug/L	5/19/1999	4,4'-DDT	4E-04	NJ	ug/L
6/14/1999	4,4'-DDT	2E-04	NJ	ug/L	6/14/1999	4,4'-DDT	4E-04	NJ	ug/L
6/14/1999	4,4'-DDT	2E-04	NJ	ug/L	7/14/1999	4,4'-DDT	6E-04	U	ug/L
7/14/1999	4,4'-DDT	9E-04		ug/L	7/14/1999	4,4'-DDT	6E-04	U	ug/L
8/9/1999	4,4'-DDT	5E-04	J	ug/L	8/9/1999	4,4'-DDT	9E-04		ug/L
8/9/1999	4,4'-DDT	5E-04	J	ug/L	9/8/1999	4,4'-DDT	7E-04	U	ug/L
9/8/1999	4,4'-DDT	6E-04	U	ug/L	9/8/1999	4,4'-DDT	6E-04	U	ug/L
10/4/1999	4,4'-DDT	6E-04	U	ug/L	10/4/1999	4,4'-DDT	6E-04	U	ug/L
10/4/1999	4,4'-DDT	7E-04	U	ug/L	11/3/1999	4,4'-DDT	6E-04	U	ug/L
11/3/1999	4,4'-DDT	6E-04	U	ug/L	11/3/1999	4,4'-DDT	6E-04	U	ug/L
6/14/1999	4-Nitrophenol	0.14	U	ug/L	6/14/1999	4-Nitrophenol	0.14	U	ug/L
8/9/1999	4-Nitrophenol	0.14	U	ug/L	8/9/1999	4-Nitrophenol	0.14	U	ug/L
10/4/1999	4-Nitrophenol	0.44	U	ug/L	10/4/1999	4-Nitrophenol	0.15	U	ug/L

Sample Date	Station ID 36-CHMO Parameter	Value	Qualifier	Units	Sample Date	Station ID 37-WPMO Parameter	Value	Qualifier	Units
6/14/1999	Abate (Temephos)	0.12	U	ug/L	6/14/1999	Abate (Temephos)	0.12	U	ug/L
8/9/1999	Abate (Temephos)	0.12	U	ug/L	8/9/1999	Abate (Temephos)	0.12	U	ug/L
10/4/1999	Abate (Temephos)	0.2	U	ug/L	10/4/1999	Abate (Temephos)	0.12	U	ug/L
6/14/1999	Acifluorfen (Blazer)	0.32	U	ug/L	6/14/1999	Acifluorfen (Blazer)	0.32	U	ug/L
8/9/1999	Acifluorfen (Blazer)	0.33	U	ug/L	8/9/1999	Acifluorfen (Blazer)	0.33	U	ug/L
10/4/1999	Acifluorfen (Blazer)	1	U	ug/L	10/4/1999	Acifluorfen (Blazer)	0.33	U	ug/L
6/14/1999	Alachlor	0.073	U	ug/L	6/14/1999	Alachlor	0.073	U	ug/L
8/9/1999	Alachlor	0.073	U	ug/L	8/9/1999	Alachlor	0.07	U	ug/L
10/4/1999	Alachlor	0.12	U	ug/L	10/4/1999	Alachlor	0.071	U	ug/L
6/14/1999	Ametryn	0.02	U	ug/L	6/14/1999	Ametryn	0.02	U	ug/L
8/9/1999	Ametryn	0.02	U	ug/L	8/9/1999	Ametryn	0.02	U	ug/L
10/4/1999	Ametryn	0.033	U	ug/L	10/4/1999	Ametryn	0.02	U	ug/L
6/14/1999	Atraton	0.03	U	ug/L	6/14/1999	Atraton	0.03	U	ug/L
8/9/1999	Atraton	0.03	U	ug/L	8/9/1999	Atraton	0.029	U	ug/L
10/4/1999	Atraton	0.05	U	ug/L	10/4/1999	Atraton	0.03	U	ug/L
6/14/1999	Atrazine	0.024	J	ug/L	6/14/1999	Atrazine	0.033	J	ug/L
8/9/1999	Atrazine	0.039		ug/L	8/9/1999	Atrazine	0.024		ug/L
10/4/1999	Atrazine	0.012	J	ug/L	10/4/1999	Atrazine	0.011	J	ug/L
6/14/1999	Atrazine Desethyl	0.013	J	ug/L	6/14/1999	Atrazine Desethyl	0.012	J	ug/L
10/4/1999	Atrazine Desethyl	0.015	J	ug/L	10/4/1999	Atrazine Desethyl	0.006	J	ug/L
6/14/1999	Azinphos (Guthion)	0.032	U	ug/L	6/14/1999	Azinphos (Guthion)	0.032	U	ug/L
8/9/1999	Azinphos (Guthion)	0.032	U	ug/L	8/9/1999	Azinphos (Guthion)	0.006	J	ug/L
10/4/1999	Azinphos (Guthion)	0.053	U	ug/L	10/4/1999	Azinphos (Guthion)	0.032	U	ug/L
6/14/1999	Azinphos Ethyl	0.032	U	ug/L	6/14/1999	Azinphos Ethyl	0.032	U	ug/L
8/9/1999	Azinphos Ethyl	0.032	U	ug/L	8/9/1999	Azinphos Ethyl	0.033	U	ug/L
10/4/1999	Azinphos Ethyl	0.053	U	ug/L	10/4/1999	Azinphos Ethyl	0.032	U	ug/L
6/14/1999	Benefin	0.03	U	ug/L	6/14/1999	Benefin	0.03	U	ug/L
8/9/1999	Benefin	0.03	U	ug/L	8/9/1999	Benefin	0.029	U	ug/L
10/4/1999	Benefin	0.05	U	ug/L	10/4/1999	Benefin	0.03	U	ug/L
6/14/1999	Bentazon	0.12		ug/L	6/14/1999	Bentazon	0.12	U	ug/L
8/9/1999	Bentazon	0.3		ug/L	8/9/1999	Bentazon	0.12	U	ug/L
10/4/1999	Bentazon	0.04	J	ug/L	10/4/1999	Bentazon	0.13	U	ug/L
6/14/1999	Bolstar (Sulprofos)	0.014	U	ug/L	6/14/1999	Bolstar (Sulprofos)	0.014	U	ug/L
8/9/1999	Bolstar (Sulprofos)	0.014	U	ug/L	8/9/1999	Bolstar (Sulprofos)	0.014	U	ug/L
10/4/1999	Bolstar (Sulprofos)	0.023	U	ug/L	10/4/1999	Bolstar (Sulprofos)	0.014	U	ug/L

Sample Date	Station ID 36-CHMO Parameter	Value	Qualifier	Units	Sample Date	Station ID 37-WPMO Parameter	Value	Qualifier	Units
6/14/1999	Bromacil	0.011	J	ug/L	6/14/1999	Bromacil	0.009	J	ug/L
8/9/1999	Bromacil	0.008	NJ	ug/L	8/9/1999	Bromacil	0.01	NJ	ug/L
10/4/1999	Bromacil	0.13	U	ug/L	10/4/1999	Bromacil	0.079	U	ug/L
6/14/1999	Bromoxynil	0.08	U	ug/L	6/14/1999	Bromoxynil	0.081	U	ug/L
8/9/1999	Bromoxynil	0.081	U	ug/L	8/9/1999	Bromoxynil	0.082	U	ug/L
10/4/1999	Bromoxynil	0.25	U	ug/L	10/4/1999	Bromoxynil	0.083	U	ug/L
6/14/1999	Butachlor	0.12	U	ug/L	6/14/1999	Butachlor	0.12	U	ug/L
8/9/1999	Butachlor	0.12	U	ug/L	8/9/1999	Butachlor	0.12	U	ug/L
10/4/1999	Butachlor	0.2	U	ug/L	10/4/1999	Butachlor	0.12	U	ug/L
6/14/1999	Butylate	0.04	U	ug/L	6/14/1999	Butylate	0.04	U	ug/L
8/9/1999	Butylate	0.04	U	ug/L	8/9/1999	Butylate	0.039	U	ug/L
10/4/1999	Butylate	0.066	U	ug/L	10/4/1999	Butylate	0.04	U	ug/L
6/14/1999	Carbophenothion	0.02	U	ug/L	6/14/1999	Carbophenothion	0.02	U	ug/L
8/9/1999	Carbophenothion	0.02	U	ug/L	8/9/1999	Carbophenothion	0.021	U	ug/L
10/4/1999	Carbophenothion	0.033	U	ug/L	10/4/1999	Carbophenothion	0.02	U	ug/L
8/9/1999	Carboxin	0.12	UJ	ug/L	8/9/1999	Carboxin	0.12	UJ	ug/L
10/4/1999	Carboxin	0.2	UJ	ug/L	10/4/1999	Carboxin	0.12	UJ	ug/L
6/14/1999	Chlorothalonil (Daconil)	0.048	U	ug/L	6/14/1999	Chlorothalonil (Daconil)	0.048	U	ug/L
8/9/1999	Chlorothalonil (Daconil)	0.048	U	ug/L	8/9/1999	Chlorothalonil (Daconil)	0.047	U	ug/L
10/4/1999	Chlorothalonil (Daconil)	0.08	U	ug/L	10/4/1999	Chlorothalonil (Daconil)	0.048	U	ug/L
6/14/1999	Chlorpropham	0.081	U	ug/L	6/14/1999	Chlorpropham	0.081	U	ug/L
8/9/1999	Chlorpropham	0.081	U	ug/L	8/9/1999	Chlorpropham	0.078	U	ug/L
10/4/1999	Chlorpropham	0.13	U	ug/L	10/4/1999	Chlorpropham	0.079	U	ug/L
6/14/1999	Chlorpyriphos	0.016	U	ug/L	6/14/1999	Chlorpyriphos	0.016	U	ug/L
8/9/1999	Chlorpyriphos	0.016	U	ug/L	8/9/1999	Chlorpyriphos	0.017	U	ug/L
10/4/1999	Chlorpyriphos	0.027	U	ug/L	10/4/1999	Chlorpyriphos	0.016	U	ug/L
6/14/1999	Coumaphos	0.024	U	ug/L	6/14/1999	Coumaphos	0.024	U	ug/L
8/9/1999	Coumaphos	0.024	U	ug/L	8/9/1999	Coumaphos	0.025	U	ug/L
10/4/1999	Coumaphos	0.04	U	ug/L	10/4/1999	Coumaphos	0.024	U	ug/L
6/14/1999	Cyanazine	0.03	U	ug/L	6/14/1999	Cyanazine	0.03	U	ug/L
8/9/1999	Cyanazine	0.03	U	ug/L	8/9/1999	Cyanazine	0.029	U	ug/L
10/4/1999	Cyanazine	0.05	U	ug/L	10/4/1999	Cyanazine	0.03	U	ug/L
6/14/1999	Cycloate	0.04	U	ug/L	6/14/1999	Cycloate	0.04	U	ug/L
8/9/1999	Cycloate	0.04	U	ug/L	8/9/1999	Cycloate	0.039	U	ug/L
10/4/1999	Cycloate	0.066	U	ug/L	10/4/1999	Cycloate	0.04	U	ug/L

Sample Date	Station ID 36-CHMO Parameter	Value	Qualifier	Units	Sample Date	Station ID 37-WPMO Parameter	Value	Qualifier	Units
6/14/1999	Dacthal (DCPA)	0.064	U	ug/L	6/14/1999	Dacthal (DCPA)	0.065	U	ug/L
8/9/1999	Dacthal (DCPA)	0.065	U	ug/L	8/9/1999	Dacthal (DCPA)	0.066	U	ug/L
10/4/1999	Dacthal (DCPA)	0.2	U	ug/L	10/4/1999	Dacthal (DCPA)	0.067	U	ug/L
6/14/1999	Demeton-O	0.014	U	ug/L	6/14/1999	Demeton-O	0.014	U	ug/L
8/9/1999	Demeton-O	0.014	U	ug/L	8/9/1999	Demeton-O	0.014	U	ug/L
10/4/1999	Demeton-O	0.023	U	ug/L	10/4/1999	Demeton-O	0.014	U	ug/L
6/14/1999	Demeton-S	0.014	UJ	ug/L	6/14/1999	Demeton-S	0.014	UJ	ug/L
8/9/1999	Demeton-S	0.014	UJ	ug/L	8/9/1999	Demeton-S	0.014	UJ	ug/L
10/4/1999	Demeton-S	0.023	UJ	ug/L	10/4/1999	Demeton-S	0.014	UJ	ug/L
6/14/1999	Di-allate (Avadex)	0.14	U	ug/L	6/14/1999	Di-allate (Avadex)	0.14	U	ug/L
8/9/1999	Di-allate (Avadex)	0.14	U	ug/L	8/9/1999	Di-allate (Avadex)	0.14	U	ug/L
10/4/1999	Di-allate (Avadex)	0.23	U	ug/L	10/4/1999	Di-allate (Avadex)	0.14	U	ug/L
6/14/1999	Diazinon	0.016	U	ug/L	6/14/1999	Diazinon	0.016	U	ug/L
8/9/1999	Diazinon	0.016	U	ug/L	8/9/1999	Diazinon	0.017	U	ug/L
10/4/1999	Diazinon	0.027	U	ug/L	10/4/1999	Diazinon	0.016	U	ug/L
6/14/1999	Dicamba I	0.016	J	ug/L	6/14/1999	Dicamba I	0.021	J	ug/L
8/9/1999	Dicamba I	0.052	J	ug/L	8/9/1999	Dicamba I	0.091		ug/L
10/4/1999	Dicamba I	0.13	J	ug/L	10/4/1999	Dicamba I	0.006	J	ug/L
6/14/1999	Dichlobenil	0.04	U	ug/L	6/14/1999	Dichlobenil	0.04	U	ug/L
8/9/1999	Dichlobenil	0.04	U	ug/L	8/9/1999	Dichlobenil	0.039	U	ug/L
10/4/1999	Dichlobenil	0.066	U	ug/L	10/4/1999	Dichlobenil	0.04	U	ug/L
6/14/1999	Dichlorprop	0.088	U	ug/L	6/14/1999	Dichlorprop	0.089	U	ug/L
8/9/1999	Dichlorprop	0.089	U	ug/L	8/9/1999	Dichlorprop	0.09	U	ug/L
10/4/1999	Dichlorprop	0.28	U	ug/L	10/4/1999	Dichlorprop	0.092	U	ug/L
6/14/1999	Dichlorvos (DDVP)	0.016	U	ug/L	6/14/1999	Dichlorvos (DDVP)	0.016	U	ug/L
8/9/1999	Dichlorvos (DDVP)	0.016	U	ug/L	8/9/1999	Dichlorvos (DDVP)	0.017	U	ug/L
10/4/1999	Dichlorvos (DDVP)	0.027	U	ug/L	10/4/1999	Dichlorvos (DDVP)	0.016	U	ug/L
6/14/1999	Diclofop-Methyl	0.12	U	ug/L	6/14/1999	Diclofop-Methyl	0.12	U	ug/L
8/9/1999	Diclofop-Methyl	0.12	U	ug/L	8/9/1999	Diclofop-Methyl	0.12	U	ug/L
10/4/1999	Diclofop-Methyl	0.38	U	ug/L	10/4/1999	Diclofop-Methyl	0.13	U	ug/L
4/21/1999	Dieldrin	8E-04		ug/L	4/21/1999	Dieldrin	4E-04	J	ug/L
4/21/1999	Dieldrin	8E-04		ug/L	5/19/1999	Dieldrin	9E-04	J	ug/L
5/19/1999	Dieldrin	0.002		ug/L	5/19/1999	Dieldrin	0.001	J	ug/L
6/14/1999	Dieldrin	0.002	J	ug/L	6/14/1999	Dieldrin	0.001	J	ug/L
6/14/1999	Dieldrin	0.001	J	ug/L	7/14/1999	Dieldrin	8E-04		ug/L

Sample Date	Station ID 36-CHMO Parameter	Value	Qualifier	Units	Sample Date	Station ID 37-WPMO Parameter	Value	Qualifier	Units
7/14/1999	Dieldrin	0.005		ug/L	7/14/1999	Dieldrin	8E-04		ug/L
8/9/1999	Dieldrin	0.001		ug/L	8/9/1999	Dieldrin	0.001	J	ug/L
8/9/1999	Dieldrin	0.001		ug/L	9/8/1999	Dieldrin	0.002	U	ug/L
9/8/1999	Dieldrin	0.002	U	ug/L	9/8/1999	Dieldrin	0.002	U	ug/L
10/4/1999	Dieldrin	0.002		ug/L	10/4/1999	Dieldrin	0.001		ug/L
10/4/1999	Dieldrin	0.002		ug/L	11/3/1999	Dieldrin	6E-04	U	ug/L
11/3/1999	Dieldrin	6E-04	U	ug/L	6/14/1999	Dimethoate	0.016	U	ug/L
6/14/1999	Dimethoate	0.016	U	ug/L	8/9/1999	Dimethoate	0.017	U	ug/L
8/9/1999	Dimethoate	0.016	U	ug/L	10/4/1999	Dimethoate	0.016	U	ug/L
10/4/1999	Dimethoate	0.027	U	ug/L	6/14/1999	Dinoseb	0.12	UJ	ug/L
6/14/1999	Dinoseb	0.12	UJ	ug/L	8/9/1999	Dinoseb	0.12	UJ	ug/L
8/9/1999	Dinoseb	0.12	UJ	ug/L	10/4/1999	Dinoseb	0.13	UJ	ug/L
10/4/1999	Dinoseb	0.38	UJ	ug/L	6/14/1999	Dioxathion	0.034	U	ug/L
6/14/1999	Dioxathion	0.034	U	ug/L	8/9/1999	Dioxathion	0.035	U	ug/L
8/9/1999	Dioxathion	0.034	U	ug/L	10/4/1999	Dioxathion	0.034	U	ug/L
10/4/1999	Dioxathion	0.057	U	ug/L	6/14/1999	Diphenamid	0.06	U	ug/L
6/14/1999	Diphenamid	0.06	U	ug/L	8/9/1999	Diphenamid	0.059	U	ug/L
8/9/1999	Diphenamid	0.06	U	ug/L	10/4/1999	Diphenamid	0.06	U	ug/L
10/4/1999	Diphenamid	0.1	U	ug/L	6/14/1999	Disulfoton (Di-Syston)	0.012	U	ug/L
6/14/1999	Disulfoton (Di-Syston)	0.012	U	ug/L	8/9/1999	Disulfoton (Di-Syston)	0.012	U	ug/L
8/9/1999	Disulfoton (Di-Syston)	0.012	U	ug/L	10/4/1999	Disulfoton (Di-Syston)	0.012	U	ug/L
10/4/1999	Disulfoton (Di-Syston)	0.02	U	ug/L	6/14/1999	Diuron	0.12	U	ug/L
6/14/1999	Diuron	0.12	U	ug/L	8/9/1999	Diuron	0.12	U	ug/L
8/9/1999	Diuron	0.12	U	ug/L	10/4/1999	Diuron	0.12	U	ug/L
10/4/1999	Diuron	0.2	U	ug/L	6/14/1999	EPN	0.02	U	ug/L
6/14/1999	EPN	0.02	U	ug/L	8/9/1999	EPN	0.021	U	ug/L
8/9/1999	EPN	0.02	U	ug/L	10/4/1999	EPN	0.02	U	ug/L
10/4/1999	EPN	0.033	U	ug/L	6/14/1999	Eptam	0.04	U	ug/L
6/14/1999	Eptam	0.04	U	ug/L	8/9/1999	Eptam	0.039	U	ug/L
8/9/1999	Eptam	0.04	U	ug/L	10/4/1999	Eptam	0.04	U	ug/L
10/4/1999	Eptam	0.066	U	ug/L	6/14/1999	Ethalfluralin (Sonalan)	0.03	U	ug/L
6/14/1999	Ethalfluralin (Sonalan)	0.03	U	ug/L	8/9/1999	Ethalfluralin (Sonalan)	0.029	U	ug/L
8/9/1999	Ethalfluralin (Sonalan)	0.03	U	ug/L	10/4/1999	Ethalfluralin (Sonalan)	0.03	U	ug/L
10/4/1999	Ethalfluralin (Sonalan)	0.05	U	ug/L	6/14/1999	Ethion	0.014	U	ug/L
6/14/1999	Ethion	0.014	U	ug/L	8/9/1999	Ethion	0.014	U	ug/L

Sample Date	Station ID 36-CHMO Parameter	Value	Qualifier	Units	Sample Date	Station ID 37-WPMO Parameter	Value	Qualifier	Units
8/9/1999	Ethion	0.014	U	ug/L	10/4/1999	Ethion	0.014	U	ug/L
10/4/1999	Ethion	0.023	U	ug/L	6/14/1999	Ethoprop	0.016	U	ug/L
6/14/1999	Ethoprop	0.016	U	ug/L	8/9/1999	Ethoprop	0.017	U	ug/L
8/9/1999	Ethoprop	0.016	U	ug/L	10/4/1999	Ethoprop	0.016	U	ug/L
10/4/1999	Ethoprop	0.027	U	ug/L	6/14/1999	Fenamiphos	0.03	UJ	ug/L
6/14/1999	Fenamiphos	0.03	UJ	ug/L	8/9/1999	Fenamiphos	0.031	UJ	ug/L
8/9/1999	Fenamiphos	0.03	UJ	ug/L	10/4/1999	Fenamiphos	0.03	UJ	ug/L
10/4/1999	Fenamiphos	0.05	UJ	ug/L	6/14/1999	Fenarimol	0.06	U	ug/L
6/14/1999	Fenarimol	0.06	U	ug/L	8/9/1999	Fenarimol	0.059	U	ug/L
8/9/1999	Fenarimol	0.06	U	ug/L	10/4/1999	Fenarimol	0.06	U	ug/L
10/4/1999	Fenarimol	0.1	U	ug/L	6/14/1999	Fenitrothion	0.014	U	ug/L
6/14/1999	Fenitrothion	0.014	U	ug/L	8/9/1999	Fenitrothion	0.014	U	ug/L
8/9/1999	Fenitrothion	0.014	U	ug/L	10/4/1999	Fenitrothion	0.014	U	ug/L
10/4/1999	Fenitrothion	0.023	U	ug/L	6/14/1999	Fensulfothion	0.02	U	ug/L
6/14/1999	Fensulfothion	0.02	U	ug/L	8/9/1999	Fensulfothion	0.021	U	ug/L
8/9/1999	Fensulfothion	0.02	U	ug/L	10/4/1999	Fensulfothion	0.02	U	ug/L
10/4/1999	Fensulfothion	0.033	U	ug/L	6/14/1999	Fenthion	0.014	U	ug/L
6/14/1999	Fenthion	0.014	U	ug/L	8/9/1999	Fenthion	0.014	U	ug/L
8/9/1999	Fenthion	0.014	U	ug/L	10/4/1999	Fenthion	0.014	U	ug/L
10/4/1999	Fenthion	0.023	U	ug/L	6/14/1999	Fonofos	0.012	U	ug/L
6/14/1999	Fonofos	0.012	U	ug/L	8/9/1999	Fonofos	0.012	U	ug/L
8/9/1999	Fonofos	0.012	U	ug/L	10/4/1999	Fonofos	0.012	U	ug/L
10/4/1999	Fonofos	0.02	U	ug/L	6/14/1999	Hexazinone	0.03	UJ	ug/L
6/14/1999	Hexazinone	0.003	NJ	ug/L	8/9/1999	Hexazinone	0.029	UJ	ug/L
8/9/1999	Hexazinone	0.03	UJ	ug/L	10/4/1999	Hexazinone	0.03	UJ	ug/L
10/4/1999	Hexazinone	0.05	UJ	ug/L	6/14/1999	Imidan	0.022	U	ug/L
6/14/1999	Imidan	0.022	U	ug/L	8/9/1999	Imidan	0.023	U	ug/L
8/9/1999	Imidan	0.022	U	ug/L	10/4/1999	Imidan	0.022	U	ug/L
10/4/1999	Imidan	0.037	U	ug/L	6/14/1999	Ioxynil	0.081	U	ug/L
6/14/1999	Ioxynil	0.08	U	ug/L	8/9/1999	Ioxynil	0.082	U	ug/L
8/9/1999	Ioxynil	0.081	U	ug/L	10/4/1999	Ioxynil	0.083	U	ug/L
10/4/1999	Ioxynil	0.25	U	ug/L	6/14/1999	Malathion	0.016	U	ug/L
6/14/1999	Malathion	0.016	U	ug/L	8/9/1999	Malathion	0.017	U	ug/L
8/9/1999	Malathion	0.016	U	ug/L	10/4/1999	Malathion	0.016	U	ug/L
10/4/1999	Malathion	0.027	U	ug/L	6/14/1999	MCPA	0.16	U	ug/L

Sample Date	Station ID 36-CHMO Parameter	Value	Qualifier	Units	Sample Date	Station ID 37-WPMO Parameter	Value	Qualifier	Units
6/14/1999	MCPA	0.027	J	ug/L	8/9/1999	MCPA	0.08	J	ug/L
8/9/1999	MCPA	0.16	U	ug/L	10/4/1999	MCPA	0.17	U	ug/L
10/4/1999	MCPA	0.5	U	ug/L	6/14/1999	MCPP (Mecoprop)	0.16	U	ug/L
6/14/1999	MCPP (Mecoprop)	0.16	U	ug/L	8/9/1999	MCPP (Mecoprop)	0.16	U	ug/L
8/9/1999	MCPP (Mecoprop)	0.027	J	ug/L	10/4/1999	MCPP (Mecoprop)	0.17	U	ug/L
10/4/1999	MCPP (Mecoprop)	0.5	U	ug/L	6/14/1999	Merphos (1 & 2)	0.024	U	ug/L
6/14/1999	Merphos (1 & 2)	0.024	U	ug/L	8/9/1999	Merphos (1 & 2)	0.025	U	ug/L
8/9/1999	Merphos (1 & 2)	0.024	U	ug/L	10/4/1999	Merphos (1 & 2)	0.024	U	ug/L
10/4/1999	Merphos (1 & 2)	0.04	U	ug/L	6/14/1999	Metalaxyl	0.12	U	ug/L
6/14/1999	Metalaxyl	0.12	U	ug/L	8/9/1999	Metalaxyl	0.12	U	ug/L
8/9/1999	Metalaxyl	0.12	U	ug/L	10/4/1999	Metalaxyl	0.12	U	ug/L
10/4/1999	Metalaxyl	0.2	U	ug/L	6/14/1999	Methyl Chlorpyrifos	0.016	U	ug/L
6/14/1999	Methyl Chlorpyrifos	0.016	U	ug/L	8/9/1999	Methyl Chlorpyrifos	0.017	U	ug/L
8/9/1999	Methyl Chlorpyrifos	0.016	U	ug/L	10/4/1999	Methyl Chlorpyrifos	0.016	U	ug/L
10/4/1999	Methyl Chlorpyrifos	0.027	U	ug/L	6/14/1999	Methyl Paraoxon	0.036	U	ug/L
6/14/1999	Methyl Paraoxon	0.036	U	ug/L	8/9/1999	Methyl Paraoxon	0.037	U	ug/L
8/9/1999	Methyl Paraoxon	0.036	U	ug/L	10/4/1999	Methyl Paraoxon	0.036	U	ug/L
10/4/1999	Methyl Paraoxon	0.06	U	ug/L	6/14/1999	Methyl Parathion	0.014	U	ug/L
6/14/1999	Methyl Parathion	0.014	U	ug/L	8/9/1999	Methyl Parathion	0.014	U	ug/L
8/9/1999	Methyl Parathion	0.014	U	ug/L	10/4/1999	Methyl Parathion	0.014	U	ug/L
10/4/1999	Methyl Parathion	0.023	U	ug/L	6/14/1999	Metolachlor	0.081	U	ug/L
6/14/1999	Metolachlor	0.081	U	ug/L	8/9/1999	Metolachlor	0.078	U	ug/L
8/9/1999	Metolachlor	0.081	U	ug/L	10/4/1999	Metolachlor	0.079	U	ug/L
10/4/1999	Metolachlor	0.13	U	ug/L	6/14/1999	Metribuzin	0.02	U	ug/L
6/14/1999	Metribuzin	0.02	U	ug/L	8/9/1999	Metribuzin	0.02	U	ug/L
8/9/1999	Metribuzin	0.02	U	ug/L	10/4/1999	Metribuzin	0.02	U	ug/L
10/4/1999	Metribuzin	0.033	U	ug/L	6/14/1999	Mevinphos	0.02	U	ug/L
6/14/1999	Mevinphos	0.02	U	ug/L	8/9/1999	Mevinphos	0.021	U	ug/L
8/9/1999	Mevinphos	0.02	U	ug/L	10/4/1999	Mevinphos	0.02	U	ug/L
10/4/1999	Mevinphos	0.033	U	ug/L	6/14/1999	MGK264	0.16	U	ug/L
6/14/1999	MGK264	0.16	U	ug/L	8/9/1999	MGK264	0.16	U	ug/L
8/9/1999	MGK264	0.16	U	ug/L	10/4/1999	MGK264	0.16	U	ug/L
10/4/1999	MGK264	0.27	U	ug/L	6/14/1999	Molinate	0.04	U	ug/L
6/14/1999	Molinate	0.04	U	ug/L	8/9/1999	Molinate	0.039	U	ug/L
8/9/1999	Molinate	0.04	U	ug/L	10/4/1999	Molinate	0.04	U	ug/L

Sample Date	Station ID 36-CHMO Parameter	Value	Qualifier	Units	Sample Date	Station ID 37-WPMO Parameter	Value	Qualifier	Units
10/4/1999	Molinate	0.066	U	ug/L	6/14/1999	Napropamide	0.06	U	ug/L
6/14/1999	Napropamide	0.06	U	ug/L	8/9/1999	Napropamide	0.059	U	ug/L
8/9/1999	Napropamide	0.06	U	ug/L	10/4/1999	Napropamide	0.06	U	ug/L
10/4/1999	Napropamide	0.1	U	ug/L	6/14/1999	Norflurazon	0.04	U	ug/L
6/14/1999	Norflurazon	0.04	U	ug/L	8/9/1999	Norflurazon	0.039	U	ug/L
8/9/1999	Norflurazon	0.04	U	ug/L	10/4/1999	Norflurazon	0.04	U	ug/L
10/4/1999	Norflurazon	0.066	U	ug/L	6/14/1999	Oxyfluorfen	0.081	U	ug/L
6/14/1999	Oxyfluorfen	0.081	U	ug/L	8/9/1999	Oxyfluorfen	0.078	U	ug/L
8/9/1999	Oxyfluorfen	0.081	U	ug/L	10/4/1999	Oxyfluorfen	0.079	U	ug/L
10/4/1999	Oxyfluorfen	0.13	U	ug/L	6/14/1999	Parathion	0.016	U	ug/L
6/14/1999	Parathion	0.016	U	ug/L	8/9/1999	Parathion	0.017	U	ug/L
8/9/1999	Parathion	0.016	U	ug/L	10/4/1999	Parathion	0.016	U	ug/L
10/4/1999	Parathion	0.027	U	ug/L	6/14/1999	Pebulate	0.04	U	ug/L
6/14/1999	Pebulate	0.04	U	ug/L	8/9/1999	Pebulate	0.039	U	ug/L
8/9/1999	Pebulate	0.04	U	ug/L	10/4/1999	Pebulate	0.04	U	ug/L
10/4/1999	Pebulate	0.066	U	ug/L	6/14/1999	Pendimethalin	0.03	U	ug/L
6/14/1999	Pendimethalin	0.03	U	ug/L	8/9/1999	Pendimethalin	0.029	U	ug/L
8/9/1999	Pendimethalin	0.03	U	ug/L	10/4/1999	Pendimethalin	0.03	U	ug/L
10/4/1999	Pendimethalin	0.05	U	ug/L	6/14/1999	Pentachlorophenol	0.04	U	ug/L
6/14/1999	Pentachlorophenol	0.04	U	ug/L	8/9/1999	Pentachlorophenol	0.041	U	ug/L
8/9/1999	Pentachlorophenol	0.041	U	ug/L	10/4/1999	Pentachlorophenol	0.042	U	ug/L
10/4/1999	Pentachlorophenol	0.13	U	ug/L	6/14/1999	Phorate	0.014	U	ug/L
6/14/1999	Phorate	0.014	U	ug/L	8/9/1999	Phorate	0.014	U	ug/L
8/9/1999	Phorate	0.014	U	ug/L	10/4/1999	Phorate	0.014	U	ug/L
10/4/1999	Phorate	0.023	U	ug/L	6/14/1999	Phosphamidan	0.048	UJ	ug/L
6/14/1999	Phosphamidan	0.048	UJ	ug/L	8/9/1999	Phosphamidan	0.05	UJ	ug/L
8/9/1999	Phosphamidan	0.048	UJ	ug/L	10/4/1999	Phosphamidan	0.048	UJ	ug/L
10/4/1999	Phosphamidan	0.08	UJ	ug/L	6/14/1999	Picloram	0.081	UJ	ug/L
6/14/1999	Picloram	0.08	UJ	ug/L	8/9/1999	Picloram	0.082	UJ	ug/L
8/9/1999	Picloram	0.081	UJ	ug/L	10/4/1999	Picloram	0.083	UJ	ug/L
10/4/1999	Picloram	0.25	UJ	ug/L	6/14/1999	Profluralin	0.048	U	ug/L
6/14/1999	Profluralin	0.048	U	ug/L	8/9/1999	Profluralin	0.047	U	ug/L
8/9/1999	Profluralin	0.048	U	ug/L	10/4/1999	Profluralin	0.048	U	ug/L
10/4/1999	Profluralin	0.08	U	ug/L	6/14/1999	Prometon (Pramitol 5p)	0.02	U	ug/L
6/14/1999	Prometon (Pramitol 5p)	0.02	U	ug/L	8/9/1999	Prometon (Pramitol 5p)	0.02	U	ug/L

Sample Date	Station ID 36-CHMO Parameter	Value	Qualifier	Units	Sample Date	Station ID 37-WPMO Parameter	Value	Qualifier	Units
8/9/1999	Prometon (Pramitol 5p)	0.02	U	ug/L	10/4/1999	Prometon (Pramitol 5p)	0.02	U	ug/L
10/4/1999	Prometon (Pramitol 5p)	0.033	U	ug/L	6/14/1999	Prometryn	0.02	U	ug/L
6/14/1999	Prometryn	0.02	U	ug/L	8/9/1999	Prometryn	0.02	U	ug/L
8/9/1999	Prometryn	0.02	U	ug/L	10/4/1999	Prometryn	0.02	U	ug/L
10/4/1999	Prometryn	0.033	U	ug/L	6/14/1999	Pronamide (Kerb)	0.081	U	ug/L
6/14/1999	Pronamide (Kerb)	0.081	U	ug/L	8/9/1999	Pronamide (Kerb)	0.078	U	ug/L
8/9/1999	Pronamide (Kerb)	0.081	U	ug/L	10/4/1999	Pronamide (Kerb)	0.079	U	ug/L
10/4/1999	Pronamide (Kerb)	0.13	U	ug/L	6/14/1999	Propachlor (Ramrod)	0.048	U	ug/L
6/14/1999	Propachlor (Ramrod)	0.048	U	ug/L	8/9/1999	Propachlor (Ramrod)	0.047	U	ug/L
8/9/1999	Propachlor (Ramrod)	0.048	U	ug/L	10/4/1999	Propachlor (Ramrod)	0.048	U	ug/L
10/4/1999	Propachlor (Ramrod)	0.08	U	ug/L	6/14/1999	Propazine	0.02	U	ug/L
6/14/1999	Propazine	0.02	U	ug/L	8/9/1999	Propazine	0.02	U	ug/L
8/9/1999	Propazine	0.02	U	ug/L	10/4/1999	Propazine	0.02	U	ug/L
10/4/1999	Propazine	0.033	U	ug/L	6/14/1999	Propetamphos	0.04	UJ	ug/L
6/14/1999	Propetamphos	0.04	UJ	ug/L	8/9/1999	Propetamphos	0.041	UJ	ug/L
8/9/1999	Propetamphos	0.04	UJ	ug/L	10/4/1999	Propetamphos	0.04	UJ	ug/L
10/4/1999	Propetamphos	0.066	UJ	ug/L	6/14/1999	Ronnel	0.014	UJ	ug/L
6/14/1999	Ronnel	0.014	U	ug/L	8/9/1999	Ronnel	0.014	U	ug/L
8/9/1999	Ronnel	0.014	U	ug/L	10/4/1999	Ronnel	0.014	U	ug/L
10/4/1999	Ronnel	0.023	U	ug/L	6/14/1999	Simazine	0.02	U	ug/L
6/14/1999	Simazine	0.004	NJ	ug/L	8/9/1999	Simazine	0.02	U	ug/L
8/9/1999	Simazine	0.006	NJ	ug/L	10/4/1999	Simazine	0.02	U	ug/L
10/4/1999	Simazine	0.033	U	ug/L	6/14/1999	Sulfotepp	0.012	U	ug/L
6/14/1999	Sulfotepp	0.012	U	ug/L	8/9/1999	Sulfotepp	0.012	U	ug/L
8/9/1999	Sulfotepp	0.012	U	ug/L	10/4/1999	Sulfotepp	0.012	U	ug/L
10/4/1999	Sulfotepp	0.02	U	ug/L	6/14/1999	Tebuthiuron	0.03	U	ug/L
6/14/1999	Tebuthiuron	0.03	U	ug/L	8/9/1999	Tebuthiuron	0.029	U	ug/L
8/9/1999	Tebuthiuron	0.03	U	ug/L	10/4/1999	Tebuthiuron	0.03	U	ug/L
10/4/1999	Tebuthiuron	0.05	U	ug/L	6/14/1999	Terbacil	0.015	J	ug/L
6/14/1999	Terbacil	0.009	J	ug/L	8/9/1999	Terbacil	0.059	U	ug/L
8/9/1999	Terbacil	0.3		ug/L	10/4/1999	Terbacil	0.06	U	ug/L
10/4/1999	Terbacil	0.1	U	ug/L	6/14/1999	Terbutryn (Igran)	0.02	U	ug/L
6/14/1999	Terbutryn (Igran)	0.02	U	ug/L	8/9/1999	Terbutryn (Igran)	0.02	U	ug/L
8/9/1999	Terbutryn (Igran)	0.02	U	ug/L	10/4/1999	Terbutryn (Igran)	0.02	U	ug/L
10/4/1999	Terbutryn (Igran)	0.033	U	ug/L	6/14/1999	Tetrachlorvinphos (Gardona	0.04	U	ug/L

Sample Date	Station ID 36-CHMO Parameter	Value	Qualifier	Units	Sample Date	Station ID 37-WPMO Parameter	Value	Qualifier	Units
6/14/1999	Tetrachlorvinphos (Gardona	0.04	U	ug/L	8/9/1999	Tetrachlorvinphos (Gardona	0.041	U	ug/L
8/9/1999	Tetrachlorvinphos (Gardona	0.04	U	ug/L	10/4/1999	Tetrachlorvinphos (Gardona	0.04	U	ug/L
10/4/1999	Tetrachlorvinphos (Gardona	0.066	U	ug/L	6/14/1999	Treflan (Trifluralin)	0.03	U	ug/L
6/14/1999	Treflan (Trifluralin)	0.03	U	ug/L	8/9/1999	Treflan (Trifluralin)	0.029	U	ug/L
8/9/1999	Treflan (Trifluralin)	0.03	U	ug/L	10/4/1999	Treflan (Trifluralin)	0.03	U	ug/L
10/4/1999	Treflan (Trifluralin)	0.05	U	ug/L	6/14/1999	Triadimefon	0.052	U	ug/L
6/14/1999	Triadimefon	0.052	U	ug/L	8/9/1999	Triadimefon	0.051	U	ug/L
8/9/1999	Triadimefon	0.052	U	ug/L	10/4/1999	Triadimefon	0.052	U	ug/L
10/4/1999	Triadimefon	0.086	U	ug/L	6/14/1999	Triallate	0.06	U	ug/L
6/14/1999	Triallate	0.06	U	ug/L	8/9/1999	Triallate	0.059	U	ug/L
8/9/1999	Triallate	0.06	U	ug/L	10/4/1999	Triallate	0.06	U	ug/L
10/4/1999	Triallate	0.1	U	ug/L	6/14/1999	Tribufos (DEF)	0.028	U	ug/L
6/14/1999	Tribufos (DEF)	0.028	U	ug/L	8/9/1999	Tribufos (DEF)	0.029	U	ug/L
8/9/1999	Tribufos (DEF)	0.028	U	ug/L	10/4/1999	Tribufos (DEF)	0.028	U	ug/L
10/4/1999	Tribufos (DEF)	0.047	U	ug/L	6/14/1999	Trichlopyr	0.068	U	ug/L
6/14/1999	Trichlopyr	0.068	U	ug/L	8/9/1999	Trichlopyr	0.069	U	ug/L
8/9/1999	Trichlopyr	0.069	U	ug/L	10/4/1999	Trichlopyr	0.07	U	ug/L
10/4/1999	Trichlopyr	0.21	U	ug/L	6/14/1999	Vernolate	0.04	U	ug/L
6/14/1999	Vernolate	0.04	U	ug/L	8/9/1999	Vernolate	0.039	U	ug/L
8/9/1999	Vernolate	0.04	U	ug/L	10/4/1999	Vernolate	0.04	U	ug/L
10/4/1999	Vernolate	0.066	U	ug/L				U	

J: The analyte was positively identified. The associated numerical result is an estimate.
U: The analyte was not detected at or above the reported result.
NJ:
UJ:

Table 41. Discharge measurements from various sites in the Wilson/Cherry sub-basin.

Cooke Creek at Fairview

Station	Date	Time	Flow (cfs)	Tapedown (ft)	Staff (ft)
32-CKFA	5/5/1999	11:45:00	60.18		1.65
32-CKFA	6/2/1999	14:55:00	29.65		1.15
32-CKFA	6/14/1999	17:35:00	12.65		0.75
32-CKFA	6/30/1999	11:50:00	21.68		1.05
32-CKFA	7/13/1999	12:50:00	4.17	4.91	0.47
32-CKFA	8/11/1999	8:30:00	16.11	4.51	0.91
32-CKFA	8/25/1999	11:05:00	16.56	4.53	0.9
32-CKFA	9/8/1999	15:00:00	13.1	4.61	0.74
32-CKFA	9/20/1999	16:30:00	8.42	4.85	0.61
32-CKFA	10/6/1999	12:10:00	6.15	4.89	0.49
32-CKFA	10/20/1999	8:50:00	4.67	4.98	
32-CKFA	11/4/1999	11:40:00	4.02	4.93	0.4
32-CKFA	11/18/1999	11:55:00	2.69	5.01	

Coleman Creek

Station	Date	Time	Flow (cfs)	Tapedown (ft)
29-CL	04/14/1999	12:04:00	25.01	6.42
29-CL	04/21/1999	10:00:00		5.79
29-CL	05/05/1999	9:20:00	49.09	6.07
29-CL	06/02/1999	8:30:00	56.12	6.15
29-CL	06/14/1999	16:00:00	34.05	6.45
29-CL	06/30/1999	10:10:00	22.48	6.67
29-CL	07/13/1999	10:15:00	13.48	6.77
29-CL	07/27/1999	9:10:00	4.34	6.86
29-CL	08/09/1999	16:00:00	5.92	6.99
29-CL	08/25/1999	8:25:00	5.38	7.01
29-CL	09/08/1999	13:30:00	3.99	7.06

Wilson Creek at Sanders Road

Station	Date	Time	Flow (cfs)	Tapedown (ft)
22-WLSN	04/14/1999	16:05:00	8.22	7.32
22-WLSN	05/05/1999	13:35:00	39.52	6.91
22-WLSN	06/02/1999	17:30:00	88.73	6.54
22-WLSN	06/16/1999	10:10:00	84.43	6.63
22-WLSN	06/30/1999	14:30:00	17.7	7.19
22-WLSN	07/13/1999	17:30:00	2.85	7.48
22-WLSN	07/27/1999	16:00:00	3.19	7.46
22-WLSN	**08/11/1999**	**12:00:00**	**4.31**	**5.77**
22-WLSN	08/24/1999	17:00:00	3	7.645
22-WLSN	09/09/1999	12:10:00	3.23	7.43

Wilson Creek at Uptanum Road

Station	Date	Time	Flow (cfs)	Tapedown (ft)
23-WLUM	04/14/1999	7:45:00	13.56	7.12
23-WLUM	05/05/1999	12:55:00	65.86	6.4
23-WLUM	06/16/1999	9:20:00	89.59	5.84
23-WLUM	06/30/1999	13:30:00	82.27	6.05
23-WLUM	07/13/1999	17:55:00	32.11	7.17
23-WLUM	07/27/1999	16:44:00	25.13	7.28
23-WLUM	08/11/1999	11:25:00	42.5	6.69
23-WLUM	08/24/1999	12:55:00	34.53	6.96
23-WLUM	09/08/1999	15:50:00	32.03	7.08

Wilson Creek at the Comfort Inn

Station	Date	Time	Flow (cfs)	Tapedown (ft)
24-WLCM	04/14/1999	7:13:00	3.42	5.65
24-WLCM	05/05/1999	12:20:00	23.55	4.46
24-WLCM	06/03/1999	8:25:00	41.16	3.53
24-WLCM	06/16/1999	8:20:00	29.59	3.34
24-WLCM	06/30/1999	13:00:00	9.2	5.4
24-WLCM	07/13/1999	18:30:00	1.59	6.9
24-WLCM	07/27/1999	17:30:00	1.46	5.9
24-WLCM	08/11/1999	11:00:00	3.61	5.76
24-WLCM	08/24/1999	12:35:00	2.04	5.88
24-WLCM	09/08/1999	16:10:00	4.58	5.7

Naneum Creek at Naneum Road

Station	Date	Time	Flow (cfs)	Tapedown (ft)
26-NN	04/14/1999	11:15:00	61.62	4.52
26-NN	05/05/1999	10:35:00	151.49	4.75
26-NN	06/02/1999	16:30:00	368.58	4.45
26-NN	06/30/1999	8:50:00	140.39	4.82
26-NN	07/13/1999	8:45:00	88.99	5.25
26-NN	07/27/1999	8:00:00	25.1	5.59
26-NN	08/09/1999	15:15:00	34.28	5.67
26-NN	08/25/1999	7:30:00	28.18	5.71
26-NN	09/09/1999	8:00:00	24.68	5.76

Schnebly Creek

Station	Date	Time	Flow (cfs)
28-SCH	04/14/1999	10:30:00	6.91
28-SCH	05/05/1999	10:05:00	0.5

Wipple Wasteway at Moe Road

Station	Date	Time	Flow (cfs)	Staff (ft)
37-WPMO	5/05/1999	15:20:00	110.39	1.21
37-WPMO	6/28/1999	15:35:00	144.25	1.57
37-WPMO	7/13/1999	15:45:00	82.99	1.17
37-WPMO	7/27/1999	12:45:00	88.65	1.17
37-WPMO	8/11/1999	10:15:00	115.19	1.38
37-WPMO	8/25/1999	12:15:00	134.98	1.43
37-WPMO	8/25/1999	12:40:00	137.32	1.42
37-WPMO	9/09/1999	9:35:00	212.93	1.68

Cherry Creek at Moe Road

Station	Date	Time	Flow (cfs)	Tapedown (ft)
36-CHMO	5/05/1999	14:30:00	133.09	4.78
36-CHMO	6/28/1999	14:00:00	158.37	3.25
36-CHMO	7/13/1999	14:30:00	52.96	4.65
36-CHMO	7/27/1999	13:40:00	71.21	3.27
36-CHMO	8/11/1999	9:45:00	122.36	4.42
36-CHMO	8/25/1999	13:10:00	136.96	3.06
36-CHMO	9/09/1999	10:15:00	143.27	4.71
36-CHMO	9/09/1999	10:55:00	143.08	4.71