

(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1990 to September 1991, August 1999 to June 2000, November 2000 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 1999 to June 2000, October 2001 to September 2002.

WATER TEMPERATURE: August 1999 to June 2000, October 2001 to September 2002.

REMARKS.--Specific conductance records excellent except those for Oct. 10 to Jan. 8, Apr. 16-17, and June 4-28, which are good. Water temperature records excellent. Interruptions in the record were caused by instrument malfunction.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 883 microsiemens Nov. 29, 2001; minimum, 268 microsiemens July 1, 2002.

WATER TEMPERATURE: Maximum, 24.7°C July 13, 2002; minimum 7.2°C Jan. 29, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 883 microsiemens Nov. 29; minimum, 263 microsiemens July 1.

WATER TEMPERATURE: Maximum, 24.7°C July 13; minimum, 7.2°C Jan. 29.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	624	620	622	717	684	698	672	666	670
2	---	---	---	649	618	625	753	643	680	801	663	712
3	---	---	---	623	615	618	815	661	704	708	688	693
4	---	---	---	621	617	619	677	666	670	690	681	685
5	504	460	476	622	617	620	670	659	665	712	673	686
6	479	446	462	624	619	621	701	663	684	715	687	698
7	480	442	455	622	616	619	701	672	683	734	696	707
8	451	436	444	623	617	620	674	671	673	749	695	719
9	455	432	446	625	619	622	674	661	666	730	695	703
10	441	417	428	624	620	622	670	660	664	703	684	692
11	442	429	437	625	621	623	671	663	667	700	694	696
12	447	423	435	---	---	---	684	661	669	701	694	698
13	450	433	442	---	---	---	684	677	680	702	691	695
14	442	426	435	---	---	---	682	667	674	733	691	700
15	439	419	432	631	625	628	668	663	666	707	684	692
16	447	425	435	---	---	---	787	667	750	705	692	697
17	462	415	433	---	---	---	799	659	742	700	693	696
18	518	462	492	---	---	---	684	656	668	697	689	692
19	565	514	543	---	---	---	682	676	678	696	692	694
20	588	552	573	---	---	---	682	675	678	699	689	693
21	586	570	581	---	---	---	712	678	682	708	688	695
22	719	459	558	701	671	688	730	680	705	710	684	696
23	571	513	549	671	650	658	695	684	687	709	700	704
24	587	571	580	654	649	651	684	675	680	705	699	702
25	612	587	598	653	645	649	676	671	673	707	700	702
26	615	565	576	648	642	644	676	671	673	704	695	698
27	577	568	571	646	639	642	676	671	673	700	692	695
28	577	570	572	652	629	641	675	671	673	695	688	691
29	608	577	599	883	652	677	673	671	672	696	685	690
30	658	607	629	805	668	689	674	669	671	693	686	690
31	655	624	637	---	---	---	673	670	671	692	685	688
MONTH	719	415	512	883	615	638	815	643	681	801	663	696

(National Water-Quality Assessment Station)--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	13.7	12.1	12.8	11.6	10.3	10.8	10.6	9.8	10.2
2	---	---	---	13.9	12.0	12.8	10.5	9.2	9.9	10.3	9.4	9.9
3	---	---	---	13.6	11.4	12.3	10.4	8.6	9.7	11.0	10.1	10.5
4	---	---	---	12.8	11.5	12.2	10.6	9.3	10.0	10.6	10.1	10.4
5	15.0	11.7	13.3	13.2	11.3	12.5	10.4	9.7	10.2	10.9	9.9	10.4
6	14.8	11.8	13.2	12.3	10.6	11.2	10.2	9.0	9.6	10.7	10.2	10.4
7	13.5	11.7	12.7	11.5	9.5	10.4	10.9	8.8	9.7	11.7	10.5	11.0
8	14.1	11.8	12.8	11.4	9.2	10.2	11.0	9.9	10.3	11.4	10.1	11.1
9	14.1	11.2	12.5	11.4	9.3	10.2	10.3	9.0	9.6	10.6	9.2	9.9
10	12.7	10.9	11.8	11.3	9.5	10.3	10.4	9.2	9.9	10.6	9.6	10.1
11	13.8	11.4	12.4	11.3	9.8	10.5	10.2	9.8	10.0	11.3	10.3	10.7
12	14.2	11.7	12.8	---	---	---	10.5	9.9	10.1	10.6	9.4	10.0
13	14.2	11.6	12.9	---	---	---	11.5	9.9	10.7	10.6	8.8	9.6
14	15.0	12.5	13.4	---	---	---	10.8	8.9	9.4	10.3	8.9	9.5
15	14.0	11.1	12.5	13.2	12.4	12.8	10.5	8.9	9.7	10.0	8.0	8.9
16	14.1	11.8	12.8	---	---	---	11.7	10.3	11.0	9.9	8.0	8.9
17	13.0	10.5	11.7	---	---	---	11.3	9.1	9.9	9.9	8.5	9.1
18	13.4	10.7	12.0	---	---	---	9.8	9.1	9.4	9.9	8.0	8.9
19	14.5	11.7	12.8	---	---	---	9.7	8.7	9.2	10.2	8.6	9.4
20	13.8	10.9	12.3	---	---	---	10.3	9.2	9.8	10.1	9.0	9.4
21	13.4	11.8	12.5	---	---	---	10.6	9.8	10.2	10.2	8.5	9.4
22	13.2	11.6	12.4	12.8	11.3	11.9	10.0	9.5	9.8	9.7	8.1	8.7
23	12.1	10.7	11.3	11.5	10.4	11.0	11.2	9.4	10.3	9.9	8.2	9.0
24	12.8	10.4	11.5	11.2	10.1	10.6	9.9	9.0	9.5	10.8	9.2	10
25	13.9	11.5	12.5	12.0	10.4	11.2	9.8	8.5	9.1	11.3	9.4	10.3
26	13.6	11.1	12.4	10.7	9.3	9.9	10.4	9.4	9.7	10.3	8.6	9.4
27	12.9	11.8	12.4	10.5	8.8	9.6	10.0	9.2	9.6	10.1	8.2	9.0
28	12.2	10.1	11.3	10.0	8.1	9.4	9.9	9.1	9.5	9.7	7.9	8.9
29	12.3	10.7	11.5	10.7	9.4	9.8	10.1	9.4	9.7	9.8	7.2	8.5
30	12.4	11.8	12.1	11.1	9.3	10.2	10.4	9.5	9.8	10.3	8.8	9.5
31	13.4	12.0	12.5	---	---	---	10.5	9.6	10.0	10.4	9.1	9.7
MONTH	15.0	10.1	12.4	13.9	8.1	11.0	11.7	8.5	9.9	11.7	7.2	9.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.2	9.3	10.0	11.9	7.6	9.4	15.7	10.1	12.4	17.9	11.2	14.2
2	10.6	8.3	9.3	12.3	8.0	9.7	14.2	9.8	11.7	17.2	11.8	13.9
3	10.9	8.5	9.5	12.5	7.9	9.8	16.0	8.7	11.8	16.8	10.7	13.2
4	10.4	7.7	9.0	12.1	8.5	10.1	16.6	8.8	12.2	14.1	10.6	12.0
5	10.1	8.0	9.0	11.7	9.3	10.4	14.0	9.5	11.5	13.7	10.0	11.8
6	10.5	8.4	9.4	10.9	8.8	10	15.2	9.3	12.0	13.0	9.0	10.9
7	10.6	9.1	9.9	12.5	9.0	10.2	15.8	9.9	12.3	14.1	8.7	10.9
8	10.6	8.2	9.2	11.4	7.6	9.3	16.2	8.9	12.1	15.1	8.6	11.5
9	10.8	8.2	9.3	12.0	9.0	10.1	13.3	10.8	11.7	14.5	10.2	12.0
10	10.9	8.5	9.6	12.1	9.1	10.4	15.5	10.2	12.1	16.5	10.1	12.9
11	10.8	8.4	9.4	13.0	10.4	11.3	14.8	10.6	12.3	17.6	10.2	13.4
12	10.5	7.6	8.9	13.3	9.2	10.7	16.0	10.3	12.6	17.8	10.9	14.1
13	10.4	7.5	8.8	12.6	9.6	10.8	16.3	11.5	13.6	15.8	12.0	13.6
14	10.9	7.8	9.2	13.7	8.3	10.4	13.8	10.4	12.1	17.6	10.9	13.8
15	11.0	7.8	9.1	13.7	8.8	10.8	14.1	9.4	11.4	18.0	10.9	13.9
16	11.6	8.8	9.8	13.6	8.8	10.6	12.7	9.4	10.6	18.1	10.8	14.1
17	11.9	8.8	10.1	12.7	9.2	10.4	14.5	8.3	10.9	18.8	12.7	15.2
18	12.3	9.0	10.5	10.8	8.2	9.6	14.2	8.1	10.8	15.4	13.0	14.1
19	12.8	9.6	10.9	13.6	8.6	10.6	15.9	9.3	11.9	17.0	13.1	14.8
20	12.2	8.7	10.1	10.3	8.2	9.6	16.2	9.1	12.2	16.8	13.2	14.6
21	13.3	10.0	11.4	10.5	7.6	8.8	16.6	9.9	12.6	18.0	12.5	14.6
22	12.9	11.3	12.2	12.4	8.4	10.1	15.3	9.8	12.1	16.9	11.7	14.0
23	13.0	10.8	11.6	11.3	8.7	10.1	15.7	9.0	11.7	18.4	11.7	14.6
24	11.3	9.0	10.1	14.8	9.8	11.6	16.0	8.7	11.9	18.3	11.8	14.8
25	11.4	7.7	9.2	15.7	9.1	11.9	14.7	9.5	12.0	16.8	12.9	14.6
26	11.7	8.2	9.4	12.5	9.2	10.7	14.9	9.7	12.0	17.6	13.5	15.1
27	11.5	7.7	9.3	14.6	9.0	11.1	13.5	10.3	11.6	17.4	13.2	15.2
28	11.5	8.5	9.6	15.9	9.8	11.9	16.4	9.3	12.4	17.0	13.5	15.2
29	---	---	---	15.5	9.9	12.1	16.6	9.7	12.7	17.7	13.9	15.3
30	---	---	---	16.5	10.2	12.8	16.0	10.9	13.2	19.8	13.2	16.0
31	---	---	---	16.7	9.9	12.7	---	---	---	19.5	12.8	15.9
MONTH	13.3	7.5	9.8	16.7	7.6	10.6	16.6	8.1	12.0	19.8	8.6	13.9

12505450 GRANGER DRAIN AT GRANGER, WA

(National Water-Quality Assessment Station)--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	18.4	13.6	15.6	20.2	14.7	17.2	20.6	15.3	17.8	20.3	17.7	18.9
2	19.6	13.0	15.9	20.3	14.7	17.2	20.3	15.7	17.8	20.4	16.8	18.5
3	19.2	13.2	16.0	19.7	15.7	17.3	20.2	15.1	17.5	19.6	17.2	18.3
4	20.8	14.1	17.0	19.9	14.6	17.0	18.4	15.8	17.1	18.6	15.4	16.9
5	19.6	14.4	16.4	20.1	14.7	17.3	18.9	14.7	16.6	18.0	15.3	16.5
6	17.1	12.8	14.8	20.5	15.3	17.9	19.2	14.5	16.7	17.4	14.5	15.9
7	16.8	11.9	13.9	21.9	16.0	18.7	19.4	14.5	16.8	17.5	14.0	15.7
8	15.9	10.8	13.0	22.0	17.1	19.1	19.8	14.9	17.2	17.1	13.7	15.5
9	14.8	11.8	13.2	22.1	16.1	18.9	20.5	15.3	17.8	18.0	14.3	16.0
10	18.6	12.1	14.9	22.9	16.6	19.5	21.2	16.5	18.6	18.5	14.3	16.3
11	19.9	12.9	16.1	23.6	17.7	20.4	20.9	16.2	18.4	19.1	15.1	17.0
12	20.9	13.9	17.0	24.4	18.6	21.3	20.9	16.3	18.4	19.4	15.5	17.3
13	21.5	14.8	17.7	24.7	20.1	22.1	21.3	16.4	18.7	19.4	15.8	17.5
14	21.7	15.6	18.1	23.9	19.6	21.4	21.7	17.0	19.1	18.6	15.8	17.2
15	22.0	15.8	18.4	22.8	17.6	20.0	21.4	17.1	19.0	18.6	16.1	17.2
16	19.0	15.2	17.0	22.5	17.2	19.7	21.1	17.2	18.9	17.7	15.7	16.6
17	16.8	14.4	15.5	23.2	17.9	20.2	20.6	16.1	18.2	18.2	15.7	16.7
18	17.9	13.9	15.5	23.4	17.8	20.3	20.2	16.0	18.0	17.6	14.1	15.8
19	19.3	12.6	15.6	23.0	18.0	20.2	19.8	15.8	17.8	17.9	14.6	16.2
20	19.8	13.3	16.3	22.4	17.1	19.5	20.0	15.9	17.8	17.7	14.8	16.1
21	20.5	14.3	17.2	22.2	17.1	19.5	19.8	15.9	17.7	17.2	13.9	15.3
22	20.7	15.1	17.7	22.7	17.1	19.7	20.0	15.8	17.8	16.5	13.2	14.8
23	21.3	16.0	18.1	22.6	18.0	19.9	20.9	17.3	18.8	16.7	13.0	14.7
24	21.6	15.3	18.2	23.0	17.9	20.1	21.1	16.9	18.9	17.0	13.4	15.1
25	22.2	15.8	18.6	23.0	18.1	20.3	21.1	17.3	19.1	17.2	14.2	15.5
26	22.8	16.1	19.2	22.8	17.8	20.0	20.9	17.5	19.1	16.1	13.8	15.0
27	22.1	17.7	19.4	22.3	17.3	19.5	21.1	17.1	18.9	16.7	14.5	15.4
28	18.5	16.9	17.6	22.1	17.1	19.3	21.2	17.2	19.1	16.5	13.4	14.9
29	20.6	16.1	17.8	22.2	17.2	19.5	21.3	17.5	19.3	15.8	13.8	14.8
30	20.3	15.0	17.3	21.9	17.2	19.2	21.0	17.6	19.2	15.0	12.8	13.7
31	---	---	---	20.8	15.9	18.1	20.9	17.2	19.0	---	---	---
MONTH	22.8	10.8	16.6	24.7	14.6	19.4	21.7	14.5	18.2	20.4	12.8	16.2
YEAR	24.7	7.2	13.4									

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE (DEG C) (00020)	TEMPER-ATURE (DEG C) (00010)	ALKA-LINITY WAT DIS TOT IT (MG/L AS CAC03) (39086)	BICAR-BONATE WATER DIS IT (MG/L AS HCO3) (00453)	CAR-BONATE WATER DIS IT (MG/L AS CO3) (00452)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
OCT													
17...	1140	32	754	9.6	89	8.0	465	13.4	11.6	162	197	0	10.4
NOV													
21...	1240	22	741	9.1	88	8.3	716	--	12.4	231	278	0	18.9
DEC													
18...	1140	20	743	10.2	92	8.3	715	-5.0	9.6	238	286	0	18.3
JAN													
22...	1120	20	744	9.4	83	8.3	713	1.1	9.0	237	285	0	16.9
FEB													
19...	1120	19	741	10.6	100	8.4	700	11.0	11.3	235	281	2	18.3
MAR													
04...	1130	19	749	11.6	106	8.4	692	9.8	10.5	--	--	--	--
18...	1140	18	751	11.8	108	8.4	680	7.2	10.5	228	273	3	17.1
25...	1130	16	748	10.8	105	8.4	667	15.1	13.0	--	--	--	--
APR													
01...	1110	16	750	10.9	106	8.3	589	18.8	13.5	--	--	--	--
17...	1120	39	742	10.2	95	8.1	364	13.0	11.0	128	154	0	7.52
MAY													
01...	1210	45	746	9.7	99	8.2	336	24.2	15.1	--	--	--	--
07...	1110	45	750	11.2	103	8.0	338	16.1	11.0	--	--	--	--
14...	1050	48	750	9.7	95	7.9	328	18.5	13.5	--	--	--	--
21...	1150	52	741	9.3	95	8.0	332	20.2	15.0	126	152	0	8.33
29...	1050	53	744	9.0	92	7.9	324	25.7	15.0	--	--	--	--
JUN													
04...	1130	47	747	9.0	93	8.1	342	29.0	16.0	--	--	--	--
19...	1340	54	749	9.4	100	8.1	294	26.0	17.5	114	137	0	6.02
25...	1110	49	747	9.0	98	8.0	314	28.3	18.3	--	--	--	--
JUL													
10...	1210	55	748	8.8	98	8.0	328	37.0	19.8	--	--	--	--
24...	1250	48	746	8.4	95	8.1	326	37.8	20.5	128	152	0	7.42
31...	1150	54	752	9.0	96	8.0	317	31.9	18.0	--	--	--	--
AUG													
07...	1210	57	752	9.6	101	8.0	332	26.2	17.0	--	--	--	--
20...	1040	55	743	8.7	92	8.0	327	23.5	17.0	112	135	0	7.65
26...	1130	65	750	8.8	96	8.0	319	25.8	18.8	--	--	--	--
SEP													
18...	1130	62	749	8.9	90	8.0	337	19.6	15.3	116	140	0	7.01

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	NITRO- GEN, AM- MONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, INOR- GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)
OCT													
17...	47.3	E.03	.40	2.73	.024	.12	3.1	.09	.20	1.2	--	7.0	--
NOV													
21...	86.9	.04	.66	5.36	.040	.10	6.0	.10	.20	1.1	<.1	8.3	1.0
DEC													
18...	83.2	.05	.55	6.27	.033	.16	6.8	.10	.20	1.5	<.1	9.9	1.4
JAN													
22...	82.6	.05	.47	6.35	.028	.13	6.8	.12	.164	1.1	<.1	2.0	1.1
FEB													
19...	81.1	<.04	.31	5.80	.021	.06	6.1	.08	.117	.5	M	2.3	E.4
MAR													
04...	--	<.04	.26	5.45	.021	--	5.7	.07	.115	--	--	--	--
18...	77.7	<.04	.54	5.34	.022	.07	5.9	.07	.110	.6	<.1	2.2	.6
25...	--	E.02	.31	5.23	.029	--	5.5	.08	.128	--	--	--	--
APR													
01...	--	<.04	.33	4.18	.020	--	4.5	.08	.152	--	--	--	--
17...	34.1	E.02	.48	2.31	.011	.11	2.8	.08	.40	1.2	<.1	7.0	1.2
MAY													
01...	--	E.04	1.0	1.97	.013	--	3.0	.11	.38	--	--	--	--
07...	--	E.02	.61	2.14	.012	--	2.7	.10	.34	--	--	--	--
14...	--	<.04	.59	1.86	.013	--	2.4	.11	.36	--	--	--	--
21...	30.1	E.03	.62	1.97	.018	.21	2.6	.11	.30	2.0	<.1	9.9	2.0
29...	--	<.04	.60	1.93	.013	--	2.5	.11	.33	--	--	--	--
JUN													
04...	--	<.04	.61	2.14	.017	--	2.7	.15	.39	--	--	--	--
19...	25.9	<.04	.64	1.84	.010	.18	2.5	.11	.27	1.7	<.1	3.1	1.7
25...	--	<.04	.47	1.96	.019	--	2.4	.10	.21	--	--	--	--
JUL													
10...	--	<.04	.44	2.21	.020	--	2.7	.11	.24	--	--	--	--
24...	28.4	<.04	.51	2.02	.022	.24	2.5	.11	.28	1.7	<.1	3.1	1.7
31...	--	<.04	.56	2.33	.020	--	2.9	.10	.20	--	--	--	--
AUG													
07...	--	<.04	.39	2.24	.017	--	2.6	.11	.22	--	--	--	--
20...	28.2	<.04	.34	.87	E.007	.08	1.2	.10	.188	.7	<.1	2.8	.7
26...	--	<.04	.34	2.12	.014	--	2.5	.10	.188	--	--	--	--
SEP													
18...	28.9	<.04	.37	1.95	.034	.10	2.3	.12	.21	.7	<.1	3.8	.7
	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,6-DI- ETHYL ANILINE WAT FLT GF, REC (UG/L) (82660)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	3-KETO CARBO- FURAN WATER FLTRD REC (UG/L) (50295)	ACETO- CHLOR ESA FLTRD GF REC (UG/L) (61029)	ACETO- CHLOR OA FLTRD GF 0.7 UM REC (UG/L) (61030)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49260)	ALA- CHLOR OA FLTRD GF 0.7 UM REC (UG/L) (61031)	ALA- CHLOR ESA WAT FLT GF 0.7U REC (UG/L) (50009)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	
OCT													
17...	<.009	.02	<.02	<.002	<.006	<2	--	--	<.004	<.007	--	--	<.002
NOV													
21...	<.009	.04	<.02	<.002	<.006	<2	<.05	<.05	<.004	<.007	<.05	.19	<.002
DEC													
18...	<.009	<.02	<.02	<.002	<.006	<2	.06	.05	<.004	<.007	<.05	.18	<.002
JAN													
22...	<.009	<.02	<.02	<.006	<.006	<2	.05	.05	<.006	<.007	<.05	.22	<.004
FEB													
19...	.137	.81	<.02	<.006	<.006	<2	<.05	<.05	<.006	<.007	<.05	.18	<.004
MAR													
04...	<.009	.03	<.02	<.006	<.006	<2	.22	<.05	<.006	<.007	<.05	<.05	<.004
18...	<.009	<.02	<.02	<.006	<.006	<2	.14	<.05	<.006	<.200	<.05	<.05	<.004
25...	<.009	<.02	<.02	<.006	<.006	<2	<.05	<.05	<.006	<.103	<.05	.13	<.004
APR													
01...	<.009	<.02	<.02	<.006	<.006	<2	<.05	<.05	<.006	<.007	<.05	.12	<.004
17...	<.009	.04	<.02	<.006	<.006	<2	<.05	<.05	<.006	<.007	<.05	.08	<.004
MAY													
01...	.010	.10	<.02	<.006	<.006	<2	<.05	<.05	<.006	<.007	<.05	.05	.007
07...	<.009	.21	<.02	<.006	<.006	<2	.06	<.05	<.006	<.007	<.05	<.05	<.004
14...	.178	E1.59	<.02	<.006	<.006	<2	<.05	<.05	<.006	<.007	<.05	<.05	<.004
21...	.035	.80	<.02	<.006	<.006	<2	.09	<.05	<.006	<.007	<.05	<.05	<.004
29...	<.009	.07	<.02	<.006	<.006	<2	.09	<.05	<.006	<.007	<.05	<.05	<.004
JUN													
04...	<.009	.13	<.02	<.006	<.006	<2	<.05	<.05	.109	<.007	<.05	.05	<.004
19...	<.009	.04	<.02	<.006	<.006	<2	<.05	<.05	<.006	<.007	<.05	.06	<.004
25...	<.009	.04	<.02	<.006	<.006	<2	<.05	<.05	<.006	<.007	<.05	.07	<.004
JUL													
10...	<.009	.09	<.02	<.006	<.006	<2	.06	.09	.020	<.007	<.05	.12	.023
24...	<.009	.17	<.02	<.006	<.006	<2	<.05	.05	<.006	<.007	<.05	.08	E.004
31...	.293	E1.67	<.02	<.006	<.006	<2	.05	<.05	<.006	<.007	<.05	.06	<.004
AUG													
07...	.061	E1.18	<.02	<.006	<.006	<2	.05	<.05	<.006	<.007	<.05	.07	<.004
20...	<.009	.20	<.02	<.006	<.006	<2	<.05	<.05	<.006	<.007	<.05	.09	<.004
26...	<.009	.14	<.02	<.006	<.006	<2	.06	.08	<.006	<.007	<.05	.07	<.004
SEP													
18...	.034	E.35	<.02	<.006	<.006	<2	<.05	.05	<.006	<.007	<.05	.07	<.004

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)
OCT													
17...	<.02	<.008	<.04	<.005	.009	<.03	<.010	<.004	<.02	M	<.03	<.02	<.002
NOV													
21...	<.02	<.008	<.04	<.005	.013	<.03	<.010	<.004	<.02	<.01	E.32	<.02	<.002
DEC													
18...	<.02	<.008	<.04	<.005	.012	<.03	<.010	<.004	<.02	E.01	E.03	<.02	<.002
JAN													
22...	<.02	<.008	<.04	<.005	.010	<.03	<.010	<.004	<.02	M	E.02	<.02	<.002
FEB													
19...	<.02	<.008	<.04	<.005	.012	<.03	<.010	<.004	<.02	E.01	E.03	<.02	<.002
MAR													
04...	<.02	<.008	<.04	<.005	.011	<.03	<.010	<.004	<.02	E.01	E.03	<.02	<.002
18...	<.02	<.008	<.04	<.005	.008	<.03	<.010	<.004	<.02	.01	.03	<.02	<.002
25...	<.02	<.008	<.04	<.005	.034	<.03	<.010	<.004	<.02	E.01	E.02	<.02	<.002
APR													
01...	<.02	<.008	<.04	<.005	.007	<.03	<.010	<.004	<.02	E.01	E.02	<.02	<.002
17...	<.02	<.008	<.04	<.005	.012	<.03	<.010	<.004	<.02	M	E.03	<.02	<.002
MAY													
01...	<.02	<.008	<.04	<.005	.010	<.03	<.010	<.004	<.02	<.01	E.02	<.02	<.002
07...	<.02	<.008	<.04	<.005	.014	<.03	<.010	<.004	<.02	<.01	<.03	<.0028	<.002
14...	<.02	<.008	<.04	<.005	.022	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002
21...	<.02	<.008	<.04	<.005	.031	<.03	<.010	<.004	<.02	<.01	E.02	<.02	<.002
29...	<.02	<.008	<.04	<.005	.053	<.03	<.010	<.004	<.02	<.01	E.02	<.02	<.002
JUN													
04...	<.02	<.008	<.04	<.005	.041	<.03	<.010	<.004	<.02	<.01	E.02	<.02	<.002
19...	<.02	<.008	<.04	<.005	.028	<.03	<.010	<.004	<.02	<.01	<.03	E.02	<.002
25...	<.02	<.008	<.04	<.005	.093	<.03	<.010	<.004	<.02	E.01	<.03	E.02	<.002
JUL													
10...	<.02	<.008	<.04	<.005	.049	<.03	<.010	<.004	<.02	<.01	E.01	<.02	<.002
24...	<.02	<.008	<.04	<.005	.027	<.03	<.010	<.004	<.02	<.01	E.01	<.02	<.002
31...	<.02	<.008	<.04	<.005	.032	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002
AUG													
07...	<.02	<.008	<.04	<.005	.022	<.03	<.010	<.004	<.02	E.03	E.01	<.02	<.002
20...	<.02	<.008	<.04	<.005	.019	<.03	<.010	<.004	<.02	E.02	E.01	<.02	<.002
26...	<.02	<.008	<.04	<.005	.013	<.03	<.010	<.004	<.02	<.01	E.01	<.02	<.002
SEP													
18...	<.02	<.008	<.04	<.005	.008	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002
Date	CAF- FEINE, WATER, FLTRD REC (UG/L) (50305)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (82680)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (82674)	CHLOR- AMBN, METHYL ESTER WATER FLTRD REC (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)
OCT													
17...	<.010	M	E.008	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
NOV													
21...	<.010	<.03	<.041	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
DEC													
18...	<.010	<.03	<.041	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
JAN													
22...	<.010	<.03	<.041	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
FEB													
19...	E.007	<.03	<.041	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
MAR													
04...	<.010	<.03	<.041	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
18...	.019	<.03	<.041	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
25...	<.010	<.03	E.004	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
APR													
01...	<.010	<.03	<.041	<.006	<.020	<.02	<.010	<.04	.010	<.01	<.018	<.01	--
17...	<.010	<.03	<.041	<.006	<.020	<.02	<.010	<.04	.007	<.01	<.018	<.01	<.01
MAY													
01...	<.010	E.01	E.056	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
07...	<.010	.03	E.098	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
14...	<.010	<.03	E.023	<.006	<.020	<.02	<.010	<.04	E.003	<.01	<.018	<.01	<.01
21...	<.010	E.02	E.031	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
29...	<.010	E.01	E.013	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
JUN													
04...	<.010	<.03	E.004	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
19...	<.010	E.01	<.041	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
25...	<.010	M	E.005	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
JUL													
10...	<.010	<.03	E.007	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
24...	<.010	M	E.011	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
31...	<.010	<.03	<.041	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
AUG													
07...	<.010	.87	E1.89	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
20...	<.010	E.02	E.044	<.006	E.003	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
26...	<.010	E.02	E.028	<.006	E.003	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01
SEP													
18...	<.010	.05	E.101	<.006	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	DCPA WATER FLTRD 0.7 U GF, REC (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (04040)	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (04039)	DEISO- PROPYL ATRAZIN DISS, REC (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- ENAMID WATER FLT, REC (UG/L) (62482)	DIMETH- ENAMID, ESA, WAT FLT (UG/L) (61951)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (82677)
OCT													
17...	<.003	E.008	E.01	<.04	.025	<.01	<.01	<.005	--	--	<.01	<.03	<.02
NOV													
21...	<.003	E.013	M	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
DEC													
18...	<.003	E.012	M	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
JAN													
22...	<.003	E.011	E.01	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
FEB													
19...	<.003	E.011	<.01	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
MAR													
04...	<.003	E.013	<.01	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
18...	<.003	E.010	<.01	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
25...	<.003	E.010	<.01	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
APR													
01...	<.003	E.007	<.01	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
17...	<.003	E.008	<.01	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
MAY													
01...	<.003	E.006	<.01	<.04	<.005	<.01	.01	<.005	<.05	<.05	<.01	<.03	<.02
07...	<.003	E.005	<.01	<.04	<.005	E.02	<.01	<.005	<.05	<.05	<.01	<.03	<.02
14...	<.003	E.006	<.01	E.09	<.005	.19	<.01	<.005	<.05	<.05	<.01	<.03	<.02
21...	<.003	E.008	<.01	<.04	E.004	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
29...	<.003	E.009	<.01	M	<.005	.03	.01	<.005	<.05	<.05	<.01	<.03	<.02
JUN													
04...	<.003	E.009	<.01	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
19...	<.003	E.009	<.01	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
25...	<.003	E.018	<.01	<.04	<.005	.03	<.01	<.005	<.05	<.05	<.01	<.03	<.02
JUL													
10...	<.003	E.024	<.01	E.01	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
24...	<.003	E.016	<.01	<.04	<.005	.16	<.01	<.005	<.05	<.05	<.01	<.03	<.02
31...	<.003	E.019	<.01	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
AUG													
07...	<.003	E.017	<.01	M	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	E.49
20...	<.003	E.016	<.01	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
26...	<.003	E.012	<.01	<.04	<.005	<.01	<.01	<.005	<.05	<.05	<.01	<.03	<.02
SEP													
18...	<.003	E.008	<.01	<.04	<.005	.05	<.01	<.005	<.05	<.05	<.01	<.03	<.02
Date	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER FLTRD 0.7 U GF, REC (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUFEN- ACET, ESA, WAT FLT (UG/L) (61952)	FLUFE- NACET WATER FLT, REC (UG/L) (62483)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER DISS REC (UG/L) (04095)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)
OCT													
17...	E.01	<.002	<.009	<.005	<.03	--	--	<.01	<.03	<.003	E.011	<.02	<.02
NOV													
21...	.43	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	<.008	<.02	<.02
DEC													
18...	E.01	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	E.005	<.02	<.02
JAN													
22...	.02	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	<.008	<.02	<.02
FEB													
19...	.02	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	E.003	<.02	E.02
MAR													
04...	.03	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	<.008	<.02	<.02
18...	.01	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	<.008	<.02	<.02
25...	.02	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	E.007	<.02	<.02
APR													
01...	.02	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	<.008	<.02	<.02
17...	E.02	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	<.008	<.02	<.02
MAY													
01...	E.06	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	<.008	<.02	<.02
07...	.35	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	E.008	<.02	<.02
14...	.05	E.001	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	E.871	<.02	<.02
21...	.07	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	<.008	<.02	<.02
29...	.05	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	E.012	<.02	<.02
JUN													
04...	.04	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	<.008	<.02	<.02
19...	.03	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	E.013	<.02	<.02
25...	.02	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	E.043	<.02	<.02
JUL													
10...	.02	.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	E.012	<.02	<.02
24...	.04	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	E.029	<.02	<.02
31...	.02	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	E.015	<.02	<.02
AUG													
07...	E.01	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	<.008	<.02	<.02
20...	E.01	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	E.010	<.02	<.02
26...	E.01	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	E.007	<.02	--
SEP													
18...	E.01	<.002	<.009	<.005	<.03	<.05	<.05	<.01	<.03	<.003	<.008	<.02	<.02

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	IMID-ACLOP- RID WATER FLTRD REC (UG/L) (61695)	LINDANE DIS- SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN- URON WATER FLTRD, GF, REC (UG/L) (82666)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METAL- AXYL WATER FLTRD REC (UG/L) (50359)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT GF, REC (UG/L) (82686)	METHYL PARA- THION WAT FLT GF, REC (UG/L) (82667)	METOLA- CHLOR ESA FLTRD 0.7 UM GF REC (UG/L) (61043)
	OCT												
17...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.050	<.006	--
NOV													
21...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.050	<.006	<.05
DEC													
18...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.050	<.006	<.05
JAN													
22...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.050	<.006	<.05
FEB													
19...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.050	<.006	<.05
MAR													
04...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.050	<.006	<.05
18...	<.007	<.004	<.01	<.035	<.027	<.20	<.01	<.02	<.008	<.004	<.050	<.006	<.05
25...	<.007	<.004	<.01	<.035	<.027	<.09	<.01	<.02	<.008	<.004	<.050	<.006	<.05
APR													
01...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.050	<.006	<.05
17...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.050	<.006	<.05
MAY													
01...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.050	<.006	<.05
07...	<.007	<.004	<.01	<.035	<.027	M	<.01	<.02	<.008	<.004	<.050	<.006	<.05
14...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.050	<.006	<.05
21...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	E.019	<.006	<.05
29...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	E.01	<.008	<.004	E.035	<.006	<.05
JUN													
04...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	E.045	<.006	<.05
19...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	E.170	<.006	<.05
25...	<.007	<.004	<.01	<.035	.125	<.02	<.01	<.02	<.008	<.004	E.045	<.006	<.05
JUL													
10...	<.007	<.004	<.01	<.035	E.007	<.02	<.01	<.02	<.008	<.004	E.054	<.006	<.05
24...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	E.061	<.006	<.05
31...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	E.049	<.006	<.05
AUG													
07...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	E.037	<.006	<.05
20...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	E.025	<.006	<.05
26...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	E.018	<.006	<.05
SEP													
18...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.050	<.006	<.05
Date	METOLA- CHLOR OA FLTRD 0.7 UM GF REC (UG/L) (61044)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET- SUL- FURON METHYL WAT FLT REC (UG/L) (61697)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	P,P' DDE DISSOLV (UG/L) (34653)	PARA- THION, DIS- SOLVED (UG/L) (39542)
OCT													
17...	--	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.007
NOV													
21...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	.003	<.007
DEC													
18...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.007
JAN													
22...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
FEB													
19...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
MAR													
04...	<.05	<.013	<.006	<.03	<.010	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
18...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
25...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
APR													
01...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
17...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
MAY													
01...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
07...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	M	<.02	<.02	<.01	<.003	<.010
14...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
21...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
29...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
JUN													
04...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	E.01	<.02	<.02	<.01	<.003	<.010
19...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	E.02	<.0008	<.02	<.01	<.003	<.010
25...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
JUL													
10...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	.003	<.010
24...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	.004	<.010
31...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	.004	<.010
AUG													
07...	<.05	<.013	<.006	<.03	<.005	<.007	<.01	<.01	<.02	<.02	<.01	.004	<.010
20...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	.003	<.010
26...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
SEP													
18...	<.05	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010

(National Water-Quality Assessment Station)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	PEB- ULATE WATER FLTRD 0.7 U GF, REC (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (82664)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (49291)	PRO- METON, WATER, DISS, REC (04037)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (82676)	PROPA- CHLOR, WATER, DISS, REC (04024)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (49236)	PROP- ICONA- ZOLE , WATER FLTRD REC (50471)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (38538)
OCT													
17...	<.002	<.010	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
NOV													
21...	<.002	<.010	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
DEC													
18...	<.002	<.010	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
JAN													
22...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
FEB													
19...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
MAR													
04...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
18...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
25...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
APR													
01...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
17...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
MAY													
01...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
07...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
14...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
21...	<.004	<.022	<.006	<.011	<.02	M	<.004	<.010	<.011	<.02	<.010	<.02	<.008
29...	<.004	<.022	<.006	<.011	<.02	M	<.004	<.010	<.011	<.02	<.010	<.02	<.008
JUN													
04...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
19...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
25...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
JUL													
10...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
24...	<.004	<.022	<.006	<.011	<.02	M	<.004	<.010	<.011	<.02	<.010	<.02	<.008
31...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
AUG													
07...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
20...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
26...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
SEP													
18...	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008
Date	SIDURON WATER FLTRD REC (38548)	SI- MAZINE, WATER, DISS, REC (04035)	SULFO- MET- RURON METHYL WTR FLT REC (50337)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (82670)	TER- BACIL, WATER, DISS, REC (04032)	TER- BACIL WATER FLTRD 0.7 U GF, REC (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (82675)	TER- BUTHYL- AZINE, WATER, DISS, REC (04022)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (82678)	TRI- BENURON METHYL WATER FLTRD REC (61159)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (82661)
OCT													
17...	<.02	<.011	<.009	<.02	<.010	<.034	<.02	U	<.005	<.002	<.009	<.02	E.003
NOV													
21...	<.02	<.011	.053	<.02	<.010	<.034	<.02	U	<.005	<.002	<.009	<.02	<.009
DEC													
18...	<.02	<.010	E.003	<.02	<.010	<.034	<.02	U	<.005	<.002	--	<.02	<.009
JAN													
22...	<.02	<.010	E.004	<.02	<.010	<.034	<.02	U	<.005	<.002	--	<.02	<.009
FEB													
19...	<.02	<.010	E.004	<.02	<.010	<.034	<.02	U	<.005	<.002	--	<.02	<.009
MAR													
04...	<.02	<.005	<.009	<.02	<.010	<.034	<.02	U	<.005	<.002	--	<.02	<.009
18...	<.02	<.005	<.009	<.02	<.010	<.034	<.02	U	<.005	<.002	--	<.02	<.009
25...	<.02	.008	<.009	<.02	<.010	<.034	<.02	U	<.005	<.002	--	<.02	<.009
APR													
01...	<.02	<.005	<.009	<.02	<.010	<.034	<.02	U	<.005	<.002	--	<.02	<.009
17...	<.02	<.010	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02	<.009
MAY													
01...	<.02	.017	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02	E.007
07...	<.02	<.010	<.009	<.02	E.015	E.069	<.02	--	<.005	<.002	--	<.02	.052
14...	<.02	.005	<.009	<.02	<.010	E.065	<.02	--	<.005	<.002	--	<.02	.029
21...	<.02	<.005	<.009	<.02	<.010	E.016	<.02	--	<.005	<.002	--	<.02	E.007
29...	<.02	.007	<.009	<.02	E.005	E.015	<.02	--	<.005	<.002	--	<.02	E.005
JUN													
04...	<.02	<.005	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02	.019
19...	<.02	<.005	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	<.009	<.02	.015
25...	<.02	<.005	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02	<.009
JUL													
10...	<.02	.007	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02	E.009
24...	<.02	<.005	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02	<.009
31...	<.02	<.005	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02	<.009
AUG													
07...	<.02	<.005	<.009	<.02	<.010	<.040	<.02	--	<.005	<.002	--	<.02	<.009
20...	<.02	E.003	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02	E.005
26...	<.02	E.005	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02	<.009
SEP													
18...	<.02	<.005	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002	--	<.02	.016

(National Water-Quality Assessment Station)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	UREA 3(4-CHLOROPHENYL METHYL WAT FLT REC (UG/L) (61692)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, DIS-CHARGE, SUS-PENDEDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDEDED (T/DAY) (80155)
OCT 17...	<.02	92	64	5.5
NOV 21...	<.02	86	59	3.5
DEC 18...	<.02	86	79	4.3
JAN 22...	<.02	90	49	2.6
FEB 19...	<.02	66	23	1.2
MAR 04...	<.02	77	18	.92
MAR 18...	<.02	60	20	.96
MAR 25...	<.02	91	60	2.6
APR 01...	<.02	78	47	2.0
APR 17...	<.02	69	281	29.6
MAY 01...	<.02	71	241	29.3
MAY 07...	<.02	70	218	26.5
MAY 14...	<.02	78	176	22.8
MAY 21...	<.02	79	163	22.9
MAY 29...	<.02	79	180	25.8
JUN 04...	<.02	86	170	21.6
JUN 19...	<.02	83	110	16.0
JUN 25...	<.02	88	103	13.6
JUL 10...	<.02	78	104	15.4
JUL 24...	<.02	82	102	13.2
JUL 31...	<.02	67	54	7.9
AUG 07...	<.02	51	73	11.2
AUG 20...	<.02	70	52	7.7
AUG 26...	<.02	65	30	5.3
SEP 18...	<.02	83	30	5.0

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	PERI-PHYTON BIOMASS ASH FREE DRY WEIGHT G/SQ M (49954)	BIOMASS CHLORO-PHYLL RATIO PERI-PHYTON (UNITS) (70950)	CLOSTR-IDIDIUM PERFRIN MCP MF, WATER (COL/100 ML) (90915)	COLI-PHAGE, E. COLI C13, 1-AGAR (PLAQUE 100 ML) (90903)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, WATER (PLAQUE 100 ML) (90904)	E COLI, MTEC MF WATER (COL/100 ML) (31633)	CHLOR-A PERI-PHYTON CHROMO-GRAPHIC FLUOROM (MG/M2) (70957)
AUG 20...	1040	55	327	17.0	--	--	--	--	E28	1300	620	300	--
AUG 20...	1500	--	339	19.7	2600	2666	80.800	1610	--	--	--	--	50.3