

Appendix 3
2006 Surface Water Quality Data
Rose Creek Drainage

Table 1 Surface Water Routine Parameters

STATION	SAMPLE DATE	ALK-T mg/L	COND µS/cm	HARD mg/L	NH3 mg/L	SO4-D mg/L	TSS mg/L	TEMP °C	PH-F
A25	07-Jun-06		438	218	0.04	29.8	3	3.4	7.7
A25	18-Sep-06		434	218	< 0.01	17.3	< 1	4.6	7.5
A30	07-Jun-06		1850	481	0.03	1040	1	2.4	3.1
A30	19-Sep-06		634	274	0.02	352	< 1	3.8	5.6
FAROCR	24-Apr-06		350	165	< 0.01	39.8	2	0.9	8
FAROCR	18-May-06		40	18	< 0.01	4.36	21	0.1	7.7
FAROCR	19-Jun-06		39		< 0.01	3.38	< 1	5.4	7.8
FAROCR	17-Jul-06		54	33	< 0.01	3.76	2	8.8	7.7
FAROCR	22-Aug-06		63	28	< 0.01	3.59	< 1	8.7	7.6
FAROCR	12-Sep-06		93	21	0.02	3.15	< 1	5	7.7
FAROCR	17-Oct-06		86	36	< 0.01	5.47	< 1	0.6	7.8
	average		104	50	0.01	9.07	4.1	4.2	7.8
	minimum		39	18	< 0.01	3.15	< 1	0.1	7.6
	maximum		350	165	0.02	39.8	21	8.8	8
	N > DL		7	6	1	7	3	7	7
	median		63	30.5	0.01	3.76	1	5	7.7
FCO	08-Jun-06		191	72	< 0.01	69.1	3	7.3	7.5
FCO	18-Sep-06		207	73	0.01	88	9	2.1	6.7
FDL	07-Jun-06		22	8	< 0.01	1.66	< 1	1.3	7.1
FDL	18-Sep-06		39	14	0.01	2.3	< 1	2.7	7.9
FDU	07-Jun-06		19	7	0.01	1.13	< 1	1	7.9
FDU	18-Sep-06		36	12	< 0.01	1.97	1	2.1	7.5
GCULV	23-Jan-06	47.7	116	56	< 0.01	6.2	< 1	0.9	7.9
GCULV	13-Feb-06	50.8	117	54	0.01	6.72	< 1	0.8	8.1
GCULV	24-Apr-06	56.3	129	51	< 0.01	5.96	< 1	1.2	8.1
GCULV	17-May-06	18.8	52	22	< 0.01	6.42	14	0.4	8.2
GCULV	19-Jun-06	14.7	37	17	< 0.01	4.16	1	6.2	7.5
GCULV	17-Jul-06	20.9	51	20	< 0.01	5.89	1	9.9	7.4
GCULV	21-Aug-06	22.1	58	23	< 0.01	7.02	< 1	7.3	7.6
GCULV	11-Sep-06	21.7	58	23	< 0.01	7.46	< 1	5	7.7
GCULV	16-Oct-06	27.6	69	29	< 0.01	7.88	< 1	-0.1	8.2
GCULV	14-Nov-06	19.9	87	36	< 0.01	8.79	< 1	-0.1	8.1
GCULV	13-Dec-06	50.3	111	49	< 0.01	7.21	< 1	-0.3	7.9
	average	31.9	80	35	0.01	6.70	2.2	2.8	7.9
	minimum	14.7	37	17	< 0.01	4.16	< 1	-0.3	7.4
	maximum	56.3	129	56	0.01	8.79	14	9.9	8.2
	N > DL	11	11	11	1	11	3	11	11
	median	22.1	69	29	0.01	6.72	1	0.9	7.9
GHSCR1	07-Jun-06		1560	771	0.02	783	< 1	1.7	8

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GHSCR1	18-Sep-06		1110	593	< 0.01	477	< 1	3	8.2
K8	23-Jan-06	63.3	160	75	< 0.01	13.5	< 1	0.7	8
K8	13-Feb-06	64.8	160	73	0.02	15.2	< 1	0.3	8.2
K8	24-Mar-06	70.9	174	79	< 0.01	13.9	< 1	1.1	8
K8	24-Apr-06	69.4	171	76	< 0.01	13.6	< 1	0.7	8
K8	17-May-06	34	94	44	< 0.01	8.83	2	0.3	8.3
K8	19-Jun-06		50		< 0.01	3.57	< 1	5.1	7.6
K8	17-Jul-06	33.5	77	35	0.11	6	< 1	7.8	7.7
K8	21-Aug-06	36.4	84	37	< 0.01	6.07	< 1	5.5	7.7
K8	11-Sep-06	34	78	34	0.01	6.28	< 1	4.3	7.7
K8	16-Oct-06	52.5	121	54	< 0.01	10.6	< 1	-0.1	8.1
K8	14-Nov-06	32.1	137	62	< 0.01	12	< 1	0.1	8
	average	49.1	119	57	0.02	9.96	1.1	2.3	7.9
	minimum	32.1	50	34	< 0.01	3.57	< 1	-0.1	7.6
	maximum	70.9	174	79	0.11	15.2	2	7.8	8.3
	N > DL	10	11	10	3	11	1	11	11
	median	44.45	121	58	0.01	10.6	1	0.7	8
NE1	07-Jun-06		362	158	< 0.01	100	< 1	3.4	8
NE1	19-Sep-06		655	313	0.02	245	< 1	3.6	7.7
NE2	07-Jun-06		1980	1020	0.04	927	< 1	1.3	8
NE2	19-Sep-06		1090	584	0.01	445	51	2.6	7.4
NF1	07-Jun-06		92	44	< 0.01	5.92	2	5.9	7.7
NF1	19-Sep-06		180	83	0.01	11.7	< 1	7.5	7.8
NF2	07-Jun-06		91	40	< 0.01	5.47	1	3.1	7.6
NF2	19-Sep-06		174	76	< 0.01	10.5	< 1	2.6	8
R1	21-Feb-06	112	283	143	0.09	29.1	1	0	7.7
R1	08-Aug-06	74.7	169	78	0.01	13.4	< 1	7.9	8
R2	21-Feb-06	165	667	343	0.11	202	2	0.8	7.6
R2	08-Aug-06	91.9	341	158	0.09	88.2	< 1	8.7	8
R3	21-Feb-06	153	553	272	0.05	143	< 1	-0.2	7.7
R3	07-Aug-06	93.6	333	160	0.06	81.3	2	7.1	7.9
R4	21-Feb-06	144	489	250	0.01	127	< 1	-0.4	7.7
R4	07-Aug-06	99	330	150	0.02	74.9	< 1	6.7	8
R5	07-Aug-06	131	279	141	< 0.01	21.7	< 1	5.9	8.1
R6	21-Feb-06	143	317	170	0.01	20.4	< 1	0.9	7.9
R6	07-Aug-06	132	277	144	< 0.01	20	< 1	6	8.1
R7	24-Jan-06		260	129	< 0.01	10.1	< 1	-0.7	8
R7	14-Feb-06		264	132	0.01	11	< 1	0.8	7.7
R7	25-Mar-06		289	138	< 0.01	10.7	< 1	1.1	7.8

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R7	24-Apr-06		278	126	0.01	9.73	< 1	1.4	8
R7	18-May-06		64	33	< 0.01	2.14	13	0.2	8.2
R7	19-Jun-06		111	59	< 0.01	5.52	4	4.8	8
R7	17-Jul-06		151	76	< 0.01		2	7.5	8
R7	22-Aug-06		154	76	0.02	6.97	< 1	6.6	7.9
R7	12-Sep-06		159	74	0.01	7.2	< 1	4	8
R7	16-Oct-06		263	100	< 0.01	8.07	< 1	0.3	7.9
R7	14-Nov-06		240	117	< 0.01	9.81	< 1	-0.8	7.8
R7	14-Dec-06		267	126	< 0.01	11.2	< 1	-0.1	7.8
	average		208	99	0.01	8.40	2.3	2.1	7.9
	minimum		64	33	< 0.01	2.14	< 1	-0.8	7.7
	maximum		289	138	0.02	11.2	13	7.5	8.2
	N > DL		12	12	4	11	3	12	12
	median		250	108.5	0.01	9.7	1	0.95	7.95
R8	24-Jan-06		259	134	< 0.01	10	< 1	-0.6	7.9
R8	14-Feb-06		262	132	0.01	11.2	< 1	0.6	7.8
R8	25-Mar-06		288	146	< 0.01	10.5	< 1	0.8	7.8
R8	24-Apr-06		276	131	< 0.01	9.82	< 1	1.1	8.1
R8	18-May-06		64	33	< 0.01	2.5	13	0.4	8.2
R8	19-Jun-06		105	56	< 0.01	5.35	3	5	7.9
R8	17-Jul-06		144	73	< 0.01		2	7.6	8
R8	22-Aug-06		148	70	0.03	6.72	< 1	6.9	8
R8	12-Sep-06		148	73	0.02	6.78	< 1	4.4	7.9
R8	16-Oct-06		200	96	0.01	7.84	< 1	0.4	7.8
R8	14-Nov-06		237	116	< 0.01	9.75	< 1	-0.8	7.8
	average		194	96	0.013	8.05	2.4	2.3	7.9
	minimum		64	33	< 0.01	2.5	< 1	-0.8	7.8
	maximum		288	146	0.03	11.2	13	7.6	8.2
	N > DL		11	11	4	10	3	11	11
	median		200	96	0.01	8.8	1	0.8	7.9
R9	24-Jan-06		285	148	0.01	18.8	< 1	-0.4	8
R9	14-Feb-06		282	145	< 0.01	19.6	< 1	0.3	7.9
R9	25-Mar-06		309	149	< 0.01	17.7	< 1	0.6	7.8
R9	24-Apr-06		292	139	< 0.01	14.8	< 1	1.1	7.9
R9	18-May-06		68	35	< 0.01	2.83	18	0.4	8
R9	19-Jun-06		115	59	< 0.01	6.94	3	5.1	7.8
R9	17-Jul-06		152	77	< 0.01		2	7.7	7.9
R9	22-Aug-06		159	78	< 0.01	8.73	< 1	7.9	7.9
R9	12-Sep-06		161	72	< 0.01	9.07	< 1	4.7	8

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R9	17-Oct-06		221	102	< 0.01	13.2	< 1	0	8
R9	14-Nov-06		255	130	< 0.01	18.3	< 1	-0.6	7.8
R9	14-Dec-06		277	137	< 0.01	18.4	< 1	0.1	7.6
	average		215	106	0.01	13.5	2.7	2.2	7.9
	minimum		68	35	< 0.01	2.83	< 1	-0.6	7.6
	maximum		309	149	0.01	19.6	18	7.9	8
	N > DL		12	12	1	11	3	12	12
	median		238	116	0.01	14.8	1	0.5	7.9
R10	24-Jan-06		287	167	0.01	19.1	< 1	-0.4	7.9
R10	14-Feb-06		286	144	0.01	20.2	< 1	0.3	7.8
R10	25-Mar-06		311	150	< 0.01	18	< 1	0.7	7.7
R10	24-Apr-06		294	133	< 0.01	15.3	< 1	0.9	8
R10	18-May-06		68	34	< 0.01	3.02	18	0.1	8.1
R10	19-Jun-06		113	58	< 0.01	6.95	3	5	7.8
R10	17-Jul-06		152	76	< 0.01	8.81	2	7.6	7.9
R10	22-Aug-06		160	78	< 0.01	8.81	< 1	7.8	7.8
R10	12-Sep-06		164	75	0.02	9.2	< 1	5	8
R10	17-Oct-06		217	104	< 0.01	13.3	< 1	0	8
R10	14-Nov-06		265	129	< 0.01	18.6	< 1	-1.1	7.7
	average		211	104	0.01	12.8	2.8	2.4	7.9
	minimum		68	34	< 0.01	3.02	< 1	-1.1	7.7
	maximum		311	167	0.02	20.2	18	7.8	8.1
	N > DL		11	11	3	11	3	11	11
	median		204.167	98.8	0.01	10.6	1	1.1	7.9
R11	21-Feb-06	133	355	182	0.02	48.7	< 1	1	7.9
R11	07-Aug-06	109	283	137	< 0.01	40.7	2	8	8
SP5-6	07-Jun-06		1000	510	< 0.01	400	3	3.5	7.3
SP5-6	18-Sep-06		1050	580	0.01	461	2	3.6	7.6
W5	19-Sep-06		928	499	< 0.01	346	< 1	2.8	7.4
W8	07-Jun-06		74	32	< 0.01	4.59	< 1	1.7	7.7
W8	18-Sep-06		126	61	< 0.01	5.57	< 1	3.7	7.5
W10	07-Jun-06		62	27	< 0.01	3.01	< 1	2.5	7.9
W10	18-Sep-06		123	57	< 0.01	3.48	< 1	2	7.8
WEIR3	21-Feb-06	255	1380	738	0.6	609	4	1.7	7.5
WEIR3	08-Aug-06	285	1480	772	0.68	650	5	6	7.2
X2	23-Jan-06		324	185	< 0.01	37.2	< 1	0.7	7.5
X2	14-Feb-06		327	163	0.01	39.7	< 1	0.6	7.8
X2	24-Apr-06		344	163	< 0.01	38.8	< 1	1	7.7
X2	17-May-06		71	34	< 0.01	4.85	7	0.1	8

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X2	19-Jun-06		118	60	< 0.01	8.95	8	5.7	7.6
X2	18-Jul-06		163	79	0.06	11.7	2	7.9	7.8
X2	21-Aug-06		170	87	< 0.01	12.2	< 1	5.5	7.6
X2	11-Sep-06		173	82	0.01	12.8	< 1	4.2	7.7
X2	16-Oct-06		248	124	< 0.01	27.4	1	-0.3	7.8
X2	14-Nov-06		291	146	< 0.01	31.1	< 1	0.1	7.5
	average		267	134	0.03	43.2	3.2	2.7	7.9
	minimum		71	34	< 0.01	4.85	< 1	-0.3	7.5
	maximum		344	185	0.06	39.7	8	7.9	8
	N > DL		10	10	3	10	4	10	10
	median		210.5	105.5	0.01	20.1	1	0.85	7.7
X3	23-Jan-06		320	160	< 0.01	35.2	< 1		7.7
X3	14-Feb-06		323	164	0.02	38.8	< 1	0.8	7.7
X3	24-Mar-06		368	175	< 0.01	44.6	< 1	1.2	7.5
X3	24-Apr-06		340	164	0.01	37.5	< 1	1.1	7.9
X3	17-May-06		82	40	0.01	6.06	9	0.3	8.1
X3	19-Jun-06		109	55	< 0.01	8.52	5	6.5	7.6
X3	17-Jul-06		158	82	< 0.01	12	1	8.7	7.8
X3	21-Aug-06		168	87	< 0.01	12.8	< 1	6.3	7.8
X3	11-Sep-06		161	86	< 0.01	13.4	< 1	4.8	7.9
X3	16-Oct-06		230	105	< 0.01	17.9	< 1	-0.3	8
X3	14-Nov-06		276	135	0.01	27.5	< 1	-0.3	7.6
X3	13-Dec-06		317	146	< 0.01	31.1	< 1	-0.2	7.6
	average		238	117	0.01	23.8	2	2.6	7.8
	minimum		82	40	< 0.01	6.06	< 1	-0.3	7.5
	maximum		368	175	0.02	44.6	9	8.7	8.1
	N > DL		12	12	4	12	3	11	12
	median		253	120	0.01	22.7	1	1.1	7.75
X4	23-Jan-06		1440	677	0.19	715	19	0	6.9
X4	14-Feb-06		1650	769	0.21	1040	20	0.1	6.8
X4	24-Mar-06		1860	892	0.42	1010	2	1	7.2
X4	25-Apr-06		1880	892	0.37	1100	< 1	1.1	7.5
X4	18-May-06		68	25	0.03	21.8	< 1	0.2	8.3
X4	19-Jun-06		1450		0.22	817	6	15	6.5
X4	17-Jul-06		1530	678	0.29	894	4	15.7	6.9
X4	21-Aug-06		1580	778	0.22	900	< 1	12.3	7
X4	12-Sep-06		1470	827	0.26	924	1	9.3	7
X4	17-Oct-06		1450	767	0.27	870	1	0.7	7.1
X4	14-Nov-06		1510	809	0.26	954	< 1	-0.7	7.3

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X4	13-Dec-06		1340	677	0.23	729	9	0	7
	average		1436	708	0.25	831	5.5	4.6	7.1
	minimum		68	25	0.03	21.8	< 1	-0.7	6.5
	maximum		1880	892	0.42	1100	20	15.7	8.3
	N > DL		12	11	12	12	8	12	12
	median		1490	769	0.245	897	1.5	0.85	7
X5	09-May-06	143	1770	818	0.54	812	< 1	2.7	7.8
X5	23-May-06	154	1540	733	0.46	780	1	4.5	7.6
X5	30-May-06	145	1500	748	0.45	720	3	6.7	7.4
X5	06-Jun-06	565	1190	586	0.42	565	2	8.1	7.6
X5	19-Jun-06	87.7	1380	660	0.62	694	1	13.9	7.4
X5	20-Jun-06		1470	752	0.61	749	1	13	7.5
X5	11-Jul-06		1450	725	0.92	752	2	15	8.5
X5	17-Jul-06	77.7	1460	709	0.91	782	2	14.4	8.2
X5	18-Jul-06		1430	716	0.9	766	2	14.1	8.3
X5	25-Jul-06		1470	709	0.89	756	< 1	14.8	7.7
X5	01-Aug-06		1480	702	1.04	720	< 1	14.7	8.2
X5	15-Aug-06		1480	626	0.98	148	< 1	13	7.6
X5	21-Aug-06	83.1	1430	685	1.01	630	2	11.6	8.3
X5	22-Aug-06	94.2	1460	699	1.02	754	< 1	12.7	8
X5	29-Aug-06		1480	694	1.05	738	< 1	10.6	7.8
X5	05-Sep-06	108	1480	694	1.04	716	1	10.8	7.8
	average	162.0	1467	704	0.80	693	1.4	11.3	7.9
	minimum	77.7	1190	586	0.42	148	< 1	2.7	7.4
	maximum	565	1770	818	1.05	812	3	15	8.5
	N > DL	9	16	16	16	16	10	16	16
	median	108	1470	705.5	0.91	743.5	1	12.85	7.8
X5P	23-Jan-06	254	1820	965	0.75	806	< 1	0.6	7.6
X5P	14-Feb-06	242	1490	838	0.63	811	< 1	0.1	7.5
X5P	24-Mar-06	256	1950	989	0.86	939	6	0.6	7.4
X5P	25-Apr-06	87.4	715	358	0.29	298	1	0.6	8.4
X5P	18-May-06	40.6	478	240	0.15	217	< 1	0.5	8.8
X5P	12-Sep-06	112	1420	708	1.02	752	< 1	9.1	7.8
X5P	17-Oct-06	198	1620	894	0.88	844	1	0.8	7.7
X5P	14-Nov-06	217	1690	939	0.85	916	2	-0.7	7.5
X5P	13-Dec-06	269	1670	947	0.75	834	< 1	-0.3	7.5
	average	186	1428	764	0.69	713	1.7	1.3	7.8
	minimum	40.6	478	240	0.15	217	< 1	-0.7	7.4
	maximum	269	1950	989	1.02	939	6	9.1	8.8

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STATION	SAMPLE DATE	ALK-T mg/L	COND µS/cm	HARD mg/L	NH3 mg/L	SO4-D mg/L	TSS mg/L	TEMP °C	PH-F
	N > DL	9	9	9	9	9	4	9	9
	median	217	1620	894	0.75	811	1	0.6	7.6
X7	07-Jun-06		12200	3400	1.23	7220	93	3.5	5.7
X7	18-Sep-06		8050	3260	1.08	8250	135	2.8	5.7
X10	23-Jan-06	132	335	178	0.01	37	< 1	0.9	7.6
X10	14-Feb-06	242	334	172	0.01	40.9	< 1	0.8	7.8
X10	24-Mar-06	160	404	196	< 0.01	45.8	< 1	1.5	7.7
X10	25-Apr-06	138	345	167	< 0.01	36.6	< 1	1.2	8.1
X10	18-May-06	34.2	86	43	< 0.01	6.39	4	0.4	8.3
X10	19-Jun-06	53.7	125	60	< 0.01	9.63	2	7.7	8
X10	17-Jul-06	82	174	92	< 0.01	13.5	1	9.8	8
X10	21-Aug-06	82.7	183	93	< 0.01	14.9	< 1	7.5	8.1
X10	12-Sep-06	84.8	189	89	< 0.01	15.1	< 1	5.7	8.1
X10	17-Oct-06	114	243	122	0.02	20.1	< 1	-0.3	8.1
X10	14-Nov-06	155	290	148	0.02	29.6	< 1	-0.6	7.5
X10	13-Dec-06	190	421	212	0.01	45.8	< 1	-0.1	7.7
	average	122	261	131	0.01	26.3	1.3	2.9	7.9
	minimum	34.2	86	43	< 0.01	6.39	< 1	-0.6	7.5
	maximum	242	421	212	0.02	45.8	4	9.8	8.3
	N > DL	12	12	12	5	12	3	12	12
	median	123	266.5	135	0.01	24.85	1	1.05	8
X11	21-Feb-06	236	2100	1100	0.65	1050	6	1.1	7.4
X11	08-Aug-06	257	2170	1060	0.6	1080	4	6.4	7.1
X12	21-Feb-06	201	1180	600	0.11	514	< 1	0.1	7.5
X12	08-Aug-06	228	1050	544	0.01	399	< 1	7.9	7.3
X13	23-Jan-06	255	1640	831	0.61	689	5	3.3	7.4
X13	14-Feb-06	253	1510	849	0.66	826	6	2.9	7.5
X13	24-Mar-06	257	1680	770	0.71	762	6	4.9	7.2
X13	25-Apr-06	257	1800	898	0.64	819	5	3.4	7.6
X13	18-May-06	231	1660	893	0.55	785	4	2.6	7.4
X13	19-Jun-06	254	1690	836	0.49	751	3	6.6	7.1
X13	17-Jul-06	271	1590	774	0.48	686	3	7.3	7
X13	21-Aug-06	279	1710	800	0.57	636	4	5.9	7.1
X13	12-Sep-06	282	1580	688	0.67	682	5	5.4	7.3
X13	17-Oct-06	302	1640	816	0.68	763	5	1.8	7.3
X13	14-Nov-06	283	1340	754	0.49	595	3	0.7	7.1
X13	13-Dec-06	302	1650	954	0.62	788	4	0	7.2
	average	269	1624	822	0.60	732	4.4	3.7	7.3
	minimum	231	1340	688	0.48	595	3	0	7

Appendix 3
2006 Surface Water Quality Data
Rose Creek Drainage

Table 1 Surface Water Routine Parameters

STATION	SAMPLE DATE	ALK-T mg/L	COND µS/cm	HARD mg/L	NH3 mg/L	SO4-D mg/L	TSS mg/L	TEMP °C	PH-F
	maximum	302	1800	954	0.71	826	6	7.3	7.6
	N > DL	12	12	12	12	12	12	12	12
	median	264	1645	823.5	0.615	756.5	4.5	3.35	7.25
X14	23-Jan-06	159	625	306	0.09	181	< 1	1	7.7
X14	14-Feb-06	169	706	361	0.11	254	2	0.4	7.8
X14	24-Mar-06	192	803	407	0.13	259	< 1	1.1	7.8
X14	25-Apr-06	170	714	348	0.1	225	2	0.6	8.2
X14	09-May-06	119	895	446	0.22	339	12	1.2	7.9
X14	18-May-06	38.2	120	55	< 0.01	16.8	6	0.5	8.3
X14	23-May-06	36.2	150	69	0.03	34.5	17	1.2	7.9
X14	30-May-06	53.4	236	106	0.04	56.8	8	4	7.9
X14	06-Jun-06	43.6	198	89	0.02	43.6	7	3.7	8.1
X14	19-Jun-06	61	253	130	0.02	63.5	2	8.4	7.8
X14	20-Jun-06		280	144	0.03	73.5	3	7.2	8
X14	11-Jul-06		282	135	0.05	70.9	2	12.3	8.2
X14	17-Jul-06	84.8	367	168	0.09	107	2	11	7.9
X14	18-Jul-06		372	174	0.08	109	2	9.2	8
X14	25-Jul-06		428	203	0.14	137	3	9.9	7.8
X14	01-Aug-06		380	187	0.09	104	3	10.3	7.8
X14	15-Aug-06		331	143	0.07	94.7	2	7.9	7.7
X14	21-Aug-06	90.5	328	147	0.06	82.2	< 1	8.3	8
X14	22-Aug-06	87.2	326	147	0.08	83.3	< 1	10	8.2
X14	29-Aug-06		388	182	0.13	117	< 1	6.4	7.8
X14	05-Sep-06	92.7	299	141	0.05	64.9	2	7.9	8.1
X14	12-Sep-06	91.7	242	109	0.01	32.8	< 1	5.6	8.1
X14	17-Oct-06	128	355	172	0.05	65.4	< 1	-0.5	8
X14	14-Nov-06	148	454	230	0.06	111	< 1	0	7.6
X14	13-Dec-06	175	592	288	0.07	164	1	0.2	7.7
	average	107.7	405	195	0.08	116	3.4	5.1	7.9
	minimum	36.2	120	55	< 0.01	17	< 1	-0.5	7.6
	maximum	192	895	446	0.22	339	17	12.3	8.3
	N > DL	18	25	25	24	25	17	25	25
	median	92.2	355	168	0.07	95	2	5.6	7.9
X22B	23-Jan-06		1380	767	2.15	688	< 1	1.2	7.6
X22B	13-Feb-06		1250	620	1.98	774	< 1	0.8	7.6
X22B	24-Mar-06		1250	602	2.06	672	2	1.3	7.4
X22B	25-Apr-06		1210	598	1.59	663	< 1	0.7	7.5
X22B	18-May-06		416	186	0.3	191	47	0.5	7.7
X22B	19-Jun-06		1350		1.81	682	< 1	5.3	7.4

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STATION	SAMPLE DATE	ALK-T mg/L	COND µS/cm	HARD mg/L	NH3 mg/L	SO4-D mg/L	TSS mg/L	TEMP °C	PH-F
X22B	17-Jul-06		1350	634	1.8	677	1	10.1	7.2
X22B	22-Aug-06		1160	551	1.46	616	< 1	12.8	7.5
X22B	11-Sep-06		1190	577	1.57	627	< 1	9	7.8
X22B	16-Oct-06		1240	618	1.73	619	< 1	5.1	7.4
X22B	14-Nov-06		1250	649	1.6	658	< 1	0	7.6
X22B	13-Dec-06		1260	628	1.52	661	< 1	-0.4	7.6
	average		1192	585	1.63	627	4.9	3.9	7.5
	minimum		416	186	0.3	191	< 1	-0.4	7.2
	maximum		1380	767	2.15	774	47	12.8	7.8
	N > DL		12	11	12	12	3	12	12
	median		1250	618	1.665	662	1	1.25	7.55
X23	24-Jan-06		12000	4890	0.93	6630	106	0.5	6.8
X23	14-Feb-06		9920	4750	0.98	7030	164	2.3	6.9
X23	25-Mar-06		10000	4230	0.97	6000	128	2.8	7
X23	25-Apr-06		10200	4360	0.97	6340	171	3.2	7.2
X23	18-May-06		7770	3110	0.67	5560	173	5.4	6.6
X23	19-Jun-06		10400		0.93	5160	189	8.3	6.6
X23	18-Jul-06		9680	4860	0.83	6020	170	8.8	6.6
X23	22-Aug-06		9810	4650	1.01	5870	167	11.1	6.7
X23	11-Sep-06		7860	4790	0.96	5840	163	9.2	6.8
X23	17-Oct-06		6320	4430	1.04	5820	154	1.8	6.8
X23	14-Nov-06		7320	4810	0.85	5800	77	0.9	6.7
X23	14-Dec-06		7440	4610	0.9	5890	73	3.1	6.9
	average		9060	4499	0.92	5997	145	4.8	6.8
	minimum		6320	3110	0.67	5160	73	0.5	6.6
	maximum		12000	4890	1.04	7030	189	11.1	7.2
	N > DL		12	11	12	12	12	12	12
	median		9745	4650	0.945	5880	163.5	3.15	6.8
X26	19-Jun-06		5040		1.07	2510	27	3.3	6.2
X26	18-Jul-06		5420	2730	1.2	2770	10	3.4	6.4
X26	22-Aug-06		5550	2520	1.46	3030	14	4.3	6.3
X26	11-Sep-06		4350	2710	1.42	3030	20	2.4	6.4
	average		5090	2653	1.29	2835	18	3.4	6.3
	minimum		4350	2520	1.07	2510	10	2.4	6.2
	maximum		5550	2730	1.46	3030	27	4.3	6.4
	N > DL		4	3	4	4	4	4	4
	median		5230	2710	1.31	2900	17	3.35	6.35

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Rose Creek Drainage

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STATION	SAMPLE DATE	ALK-T mg/L	COND μS/cm	HARD mg/L	NH3 mg/L	SO4-D mg/L	TSS mg/L	TEMP °C	PH-F
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Statistics only generated where there are more than 2 values in a data set

average	average of values, including values less than detection limit as set to DL value if it is the DL value will be shown without the < symbol
minimum	lowest value and will be least DL value if these are present in the data set
maximum	highest vale
N > DL	number of values measured that are above detection limits
median	the median value of the data set - if it is a DL value will be shown without the < symbol

NOTE:

Detection Limit values used as the DL value in statistics contrasts with conversion to 0 for charts