

SiteName	Date	pH	EC (mS/m)	TDS (mg/l)	SS (mg/l)	Alkalinity (CaCO3)	hardness (CaCO3)	Ca (mg/l)	Mg (mg/l)	Na (mg/l)	Cl (mg/l)	NO3 (mg/l)	SO4 (mg/l)	Fe (mg/l)	Zn (mg/l)	Mn (mg/l)	Cu (mg/l)	Ni (mg/l)	Pb (mg/l)	Cd (mg/l)	NH3 (mg/l)	CN (mg/l)	PO4 (mg/l)	F (mg/l)	Au (mg/l)
Aquatic dam	Jul-00	8.59	62	409	16	50	174	127	47	72	106	7.2	141	0.165	0	0.281	0.061	0.22	1.911	0	4.4	0.312	0.722	0.2	0
Aquatic dam	Aug-00	8.62	60	401	9	55	217	170	47	73	101	7.8	130	0.212	0.001	0.174	0.04	0.069	<.1	<0.1	3.4	0.26	1.393	0.2	0.004
Aquatic dam	Sep-00	9.94	54	206	17	65	134	91	44	63.6	96	6	161	0.477	0.06	0.174	0.023	0.05	0.115	0.002	2.8	0	1.079	0.2	0.005
Aquatic dam	Oct-00	9.1	58	403	28	65	180	131	49	69.55	94	4	118	0.516	0.006	0.384	0.051	0.047	0.004	0	2	0.052	0.931	0	0.002
Aquatic dam	Nov-00	10.54	64	366	25	55	143	112	32	73.1	87	3.4	118	0.598	0.012	0.148	0.047	0.052	0.02	0	2.2	0.104	0	0.2	0.002
Aquatic dam	Dec-00	9.22	60	329	57	80	149	111	38	63.15	87	72.8	98	1.023	0.022	0.215	0.058	0.052	0.039	0	1.6	0.104	1.714	0	0
Aquatic dam	Jan-01	7.79	82	372	12	85	86	47	39	73.25	121	0.6	132	0	0.007	0.206	0.014	0.039	0.027	0.002	0	0.26	2.771	0.2	0.002
Aquatic dam	Feb-01	8.57	94	506	16	90	206	145	81	80.05	122	1.6	174	0.254	0.002	0.214	0.027	0.032	0.011	0	0.4	0	0.714	0.2	0
Aquatic dam	Mar-01	8.23	86	491	8	80	216	63	58	95.35	129	28.4	165	0.476	0.009	0.232	0.019	0.028	0.011	0.005	1	0.104	0.926	0.2	0.003
Aquatic dam	Jul-01	9.14	76	463	26	65	227	159	68	95.05	135	5.4	242	0.471	0	0.271	0.125	0.045	0	0.002	0.8	0	0.245	0.4	0.003
Aquatic dam	Aug-01	9.59	91	440	29	65	231	161	69	92	135	2.2	196	0.585	0.031	0.407	0.053	0.061	0.017	0.002	0	0.156	0.395	0	0.002
Aquatic dam	Sep-01	8.95	92	572	24	70	69	165	69	81.7	131	2.4	218	0.619	0.001	0.224	0.019	0.052	0	0.008	0.4	0	0.41	0.2	0.002
Aquatic dam	Oct-01	8.34	100	604	39	65	223	161	62	93.1	142	1.6	214	0.902	0.018	0.66	0.203	0.225	0	0.003	0.8	<.5	0.612	0.4	0.004
Aquatic dam	Nov-01	8.15	72	478	23	30	135	103	32	54.45	97	1.4	165	0.652	0.005	0.201	0.055	0.081	0	0.004	0.8	<.5	0.546	0	0.003
Aquatic dam	Dec-01	9.07	70	395	16	75	148	108	34	58.1	96	1.6	148	0.18	0	0.134	0.064	0.049	0.007	0.002	1.2	<.5	0.527	0	0.003
Aquatic dam	Jan-02	7.47	66	413	13	65	149	409	40	57.4	97	2	142	0.321	0	0.197	0.026	0.04	0	0.002	0	<.5	1.136	0.2	
Aquatic dam	Feb-02	9.31	77	471	25	40	176	135	41	72.7	103	3.8	185	0.348	0.01	0.215	0.136	0.029	0	0.007	1.6	<.5	0.727	1.4	
Aquatic dam	Mar-02	9.4	72	239	28	40	208	163	45	84.3	117	5	199	0.473	0.008	0.234	0.051	0.048	0.03	0.004	2	<.5	0.302	1	
Aquatic dam	Apr-02	9.27	86	518	36	40	234	182	53	107.9	140	5.4	275	0.231	0.004	0.124	0.042	0.045	0	0.003	2.4	<.5	0.322	0.8	
Aquatic dam	May-02	8.75	94	597	43	45	206	153	53	105.7	144	4.8	238	0.489	0	0.323	0.077	0.092	0.007	0.004	1	<.5	0.656	0.2	
Aquatic dam	Jun-	7.15	103	574	16	45	224	162	63	103.3	128	5.8	279	0.618	0	0.458	0.124	0.172	0	0.003	0	<.5	0.732	0.2	

dam	02																								
Aquatic dam	Jul-02	8.71	92	386	17	45	216	160	56	90.9	112	4.8	206	0.409	0.523	0.399	0.059	0.105	0.067	0.002	0.4	<.5	0.818	0.2	
Aquatic dam	Aug-02	9.29	76	485	34	60	201	148	53	81.1	113	3	194	0.241	0.005	0.287	0.086	0.058	0.006	0.001	2.2	<.5	0	0.2	
Aquatic dam	Sep-02	9.58	74	426	29	65	182	122	60	77.3	103	1.4	165	0.288	0.009	0.24	0.047	0.031	0	0.006	0	<.5	1.659	0.2	
Aquatic dam	Oct-02	9.25	84	479	19	55	150	94	56	83.9	106	2.2	147	0.8	0.004	0.118	0.033	0.025	0.004	0	0.8	<.5	1.027	0.4	0.001
Aquatic dam	Nov-02	9.64	72	345	100	60	151	108	43	78.8	112	0	144	0.14	0.046	0.035	0.05	0.023	0.005	0.002	0	<.5	1.636	0.2	0.002
Aquatic dam	Dec-02	7.96	73	440	8	85	192	135	57	82.8	103	1	146	0.314	0	0.356	0.043	0.059	0	0	0.6	<.5	3.63	0.2	0.005
Aquatic dam	Jan-03	7.97	75	372	6	60	175	116	58	76.4	105	2.8	97	0.446	0.014	0.307	0.011	0.039	0	0.001	0.4	<.5	3.511	0.2	0
Aquatic dam	Feb-03	8.53	73	472	15	95	173	110	63	71.6	108	0	83	0.335	0.019	0.239	0.079	0.033	0	0.001	0	<.5	1.75	0.2	0.001
Aquatic dam	Mar-03	8.14	72	412	14	65	182	122	60	67.8	97	2.6	90	0.131	0	0.04	0.036	0.033	0	0.002	0.8	<.5	1.014	0.2	0
Aquatic dam	Apr-03	7.92	68	407	7	80	190	129	61	63.5	101	2	74	0.034	0.013	0.172	0.035	0.046	0.003	0	0.2	<.5	0.664	0.4	0
Aquatic dam	May-03	8.04	68	489	5	70	294	192	102	96.4	97	1.2	95	0.142	0.008	0.151	0	0.028	0.02	0	0	<.5	0.915	0.2	0
Aquatic dam	Jun-03	7.43	70	429	1	70	153	96	57	59.2	85	3.4	108	0.021	0.011	0.097	0.004	0.03	0.037	0.002	0.4	<.5	0.847	0.4	0.001
Aquatic dam	Jul-03	8.09	73	319	5	70	181	120	61	69.7	89	2.2	101	0	0.016	0.113	0.008	0.035	0	0.001	0	<.5	0.773	0.4	0.001
Aquatic dam	Aug-03	7.92	68	363	1	65	177	112	65	72	103	2.2	132	0.043	0.013	0.134	0.007	0.042	0.013	0.003	0	<.5	1.148	0.2	0.001
Aquatic dam	Sep-03	7.3	68	405	13	65	182	108	261	69	90	3	123	0.026	0.013	0.13	0.017	0.045	0.002	0.003	0	<.5	1.774	0.2	0.001
Aquatic dam	Oct-03	7.21	62	366	47	45	159	91	68	60.7	87	4.6	154	0.03	0.01	0.175	0.01	0.068	0	0.004	0	<.5	0.721	0.2	0.001
Aquatic dam	Nov-03	7.61	59	372	6	60	95	41	54	53.8	87	2.2	149	0.274	0	0.014	0.014	0.035	0	0.002	0	<.5	0.784	0.2	0.002
Aquatic dam	Dec-03	7.76	66	378	3	70	184	123	61	62.9	41	0.8	110	0.026	0	0.026	0.2	0.021	0.036	0.008	0	<.5	0.384	0.2	0.002
North boundary	Jan-98	9.2	231	1822	13	80	798	600	196	217	230		809	0.134	0.219	0.292	0.105	0.21	0.172	0.004		0.304	0.71	0.2	0
North boundary	Feb-98	7.4	172	1327		80	549	425	107	146	18	10.2	548	0.143	0.432	0.357	0.286	0.224	0.022	0.004	3.2	0.832	0.193	0.2	0.009
North boundary	Mar-98	8.4	265	1727	13	65	772	601	171	219	3088	1	738	0.04	0.3	0.53	0.08	0.27	0	0.003	0.6	0.26	0.14	0.2	0.011
North boundary	Apr-98	8.6	203	2133	11	80	905	693	213	233	337	2.8	1047	0	0.1	0.314	0.014	0.239	0	0.009	0.6	0.416		0.2	0.013

North boundary	May-98	8.3	219.1	2086	11	85	959	705	254	257	30	2.2	986	0.08	0.488	0.245	0.064	0.25	0.001	0.201	0	0.52	0.058	0.2	0.019
North boundary	Jun-98	8.5	304	22266	7	85	1013	748	265	258.4	342	0.3		0.114	0.555	0.35	0.329	0.321	0	0.008	0.4	0.208	0.218	0.4	0.021
North boundary	Jul-98	9.2	175	2047	18	80	968.3	708.9	259.4	266.1	301.4	0.2	1045.5	0.074	0.41	0.391	0.11	0.234	0.054	0.005	0.2	0.36	0.337	0.6	0.011
North boundary	Aug-98	9.3	283	1992	30	100	884.5	562.1	252.4	213.9	276.5	4	860	0.043	0.39	0.25	0.211	0.24	0.03	0.004	2.4	0.26	0.2	0.6	0.01
North boundary	Sep-98	8.6	290	2050	5	85	964	681	283	251.85	281	3.2	1003	0.08	0.234	0.425	0.063	0.249	0.005	0.006	0.4	0	0.51	0.6	0.008
North boundary	Oct-98	8.6	294	2333	7	95	1136	870	266	249.4	258	6	947	0.567	0.267	0.298	0.092	0.225	0	0	0	0.26	0.13	0.8	0.03
North boundary	Oct-00	7.9	228	1484	0	30	980	792	188	263.25	328	30.8	939	0.045	0.141	0.751	0.039	0.947	0.016	0.004	1.8	0.468	0.441	0.4	0.016
North boundary	Nov-00	9.07	306	2253	10	55	1054	857	198	293.9	378	34	965	0.362	0.065	0.33	0.022	0.503	0.033	0.009	3.6	0.468	0	0.2	0.012
North boundary	Dec-00	7.16	259	1844	3	45	811	641	170	227.55	310	16	743	0.269	0.117	0.334	0.018	0.263	0.034	0.003	2.4	0.052	1.257	0.4	0.006
North boundary	Jan-01	8.81	291	1981	25	60	475	340	134	253.35	369	23.4	903	0.2	0.073	0.728	0.041	0.363	0.088	0.011	0	0.624	0.633	0.6	0.028
North boundary	Feb-01	7.91	312	2262	15	60	1038	859	179	243.9	392	30.6	1022	0.134	0.117	0.405	0.026	0.519	0.032	0.004	0.4	0.052	9.56	0.6	0.006
North boundary	Mar-01	9.01	262	1870	13	50	893	286	180	204.15	328	24	915	0.118	0.252	0.314	0.042	0.297	0.034	0.03	0.2	0.166	1.134	0.4	0.003
North boundary	Jul-01	8.98	288	2038	24	45	594	407	187	291	356	17	865	0.602	0.142	0.286	0.021	0.379	0.019	0.005	0.6	0	0.466	0.4	0.005
North boundary	Aug-01	8.55	111	2374	17	80	882	687	196	250	445	25	1022	0.215	0.251	0.405	0.032	0.517	0.04	0.007	0.8	0.312	0.316	0.2	0.013
North boundary	Sep-01	8.75	282	2393	22	50	220	761	220	270.6	390	29.8	1119	0.947	0.339	0.699	0.048	0.487	0.052	0.002	0.4	0	0.355	0.2	0.021
North boundary	Oct-01	7.88	215	1693	12	50	708	530	178	167.5	238	9.4	767	0.234	0.333	2.574	0.035	0.371	0.013	0.009	0	<.5	0.452	0.6	0.025
North boundary	Nov-01	7.51	198	1556	17	30	645	499	146	132.3	241	7.8	716	0.454	0.342	0.726	0.03	0.38	0.034	0.009	0.8	<.5	0.41	0.2	0.009
North boundary	Dec-01	8.27	181	1378	12	95	1378	458	160	151.3	184	10.6	663	0.259	0.411	1.534	0.168	0.222	0.015	0.004	0.4	<.5	0.291	0.4	0.012
North boundary	Jan-02	8.86	208	1558	11	50	661	493	168	172.15	239	9.4	701	0.178	0.14	0.413	0.021	0.18	0.001	0.005	0.8	<.5	0.227	0.4	0.004
North boundary	Feb-02	9.12	254	2092	27	55	952	742	210	241.4	308	2.2	942	0.121	0.17	0.368	0.013	0.207	0	0.03	1	<.5	0.75	1	0.004
North boundary	Mar-02	8.68	217	1962	20	55	900	672	228	262.2	308	16.4	952	0.92	0.229	0.308	0.012	0.193	0.03	0.009	1.8	<.5	0.302	0.8	0.004
North boundary	Apr-02	8.71	235	2393	22	100	929	671	258	244	312	15.4	942	0.013	0.178	0.427	0.075	0.181	0.043	0.007	1.8	<.5	0.322	0.6	0.008
North	May-	8.47	237	1901	37	85	873	624	249	243	287	11.2	893	0.134	0.135	0.25	0	0.321	0.029	0.009	1	<.5	0.543	0.2	0.006

boundary	02																								
North boundary	Jun-02	8.24	305	2202	16	55	1129	855	274	286.3	355	10.8	10.34	0.305	0.869	0.398	0.017	0.542	0.016	0.008	0	<.5	0.606	0.4	0.006
North boundary	Jul-02	8.6	250	1747	33	110	901	587	313	209.6	266	8	943	0.415	0.101 1	1.303	0.024	0.238	0.025	0.008	0.4	<.5	0.061	0.2	0.027
North boundary	Aug-02	8.47	279	2139	25	90	940	665	275	226	316	15.4	1044	0.147	0.396	0.729	0.018	0.23	0.031	0.004	0.2	<.5		0.4	0.01
North boundary	Sep-02	9.54	239	1932	30	40	878	593	286	226.3	292	10.6	929	0.114	0.188	0.311	0.117	0.099	0.03	0.009	0	<.5	0.185	0.4	0.006
North boundary	Oct-02	9.09	273	1931	17	75	950	619	332	254.6	319	3	980	0.164	0.032	0.152	0.015	0.043	0.02	0.003	0	<.5	0.227	0.4	0
North boundary	Nov-02	8.95	316	2370	13	40	1090	880	210	310.1	390	24	1077	0.032	0.106	0.229	0.066	0.411	0.04	0.006	0.2	<.5	0	0.4	0.027
North boundary	Dec-02	8.67	325	2427	19	40	1079	840	239	344.9	445	23	1119	0.593	0.221	0.316	0.02	0.382	0.023	0.007	0.2	<.5	0.889	0.2	0.008
North boundary	Jan-03	8.67	325	2427	19	40	1079	840	239	344.9	445	23	1119	0.593	0.221	0.316	0.02	0.382	0.023	0.007	0.2	<.5	0.889	0.2	0.008
North boundary	Feb-03	8.76	269	2081	5	65	877	605	272	248	330	8.4	878	0.189	0.129	0.133	0.016	0.153	0.009	0.005	0	<.5	0.525	0	0.005
North boundary	Mar-03	8.23	338	2323	27	45	1031	774	256	322.4	436	26.4	1078	0.175	0.12	0.065	0.03	0.404	0.027	0.008	1	<.5	0.042 5	0.4	0.052
North boundary	Apr-03	8.45	338	1969	32	40	969	691	279	234.9	300	14.2	843	0.047	0.011	0.028	0.015	0.055	0.025	0.006	1.4	<.5	0.542	0.2	0.005
North boundary	May-03	8.32	338	1767	24	80	908	599	309	263	236	5.6	790	0.081	0.032	0.092	0	0.078	0.031	0	0	<.5	0.845	1.6	0.002
North boundary	Jun-03	9.15	292	2321	13	75	915	643	272	252.4	337	18.6	938	0.045	0.039	0.162	0.01	0.154	0.063	0.011	0.2	<.5	0.169	0.4	0.006
North boundary	Jul-03	8.65	272	1932	12	75	901	602	299	235.1	516	14.2	846	0	0.058	0.109	0.017	0.123	0.036	0.006	0	<0.5	0.025	0.4	0.001
North boundary	Aug-03	8.51	345	2250	19	60	1077	782	295	314	440	26.8	958	0.069	0.07	0.161	0.014	0.226	0.04	0.009	0	0.78	0.306	0.6	0.01
North boundary	Sep-03	7.68	298	2081	34	45	961	675	463	252	330	18	967	0.122	0.043	0.182	0.034	0.146	0.032	0.003	0	<0.5	1.27	0.2	0.008
North boundary	Oct-03	7.5	154	1089	65	40	488	325	162	115.5	156	4.4	594	0.054	0.141	0.874	0.099	0.185	0.013	0.009	0	<0.5	0.721	0.2	0.042
North boundary	Nov-03	7.23	340	2726	6	35	1010	797	213	292.7	477	6	1034	0.196	0.031	0.29	0.015	0.047	0.009	0.004	0	<0.5	0.637	0.2	0.011
North boundary	Dec-03	9.32	390	2740	7	55	1277	1016	261	320	229	13	1162	0	0.036	0.081	0.018	0.19	0.091	0.013	0	<0.5	0.538	0.6	0.01
NW boundary dam	Jan-98	7.8	178	1295	22	30	506	363	143	180	266		524	0.027	0.05	0.695	0.071	0.294	0.001	0		0.015 6	0.685	0.2	0.004
NW boundary dam	Feb-98	7.5	174	1386	6	30	510	363	148	181	261	16	524	0.095	0.058	0.668	0.13	0.268	0.033	0.005	0.8	0.416	0.331	0.4	0.001

NW boundary dam	Mar-98	7	196	1185	4	20	428	310	118	167	252	0.6	182	0.05	0.03	0.48	0.02	0.24	0	0	0.4	0.104	0.065	0	0.002
NW boundary dam	Apr-98	8.8	146	1398	71	85	543	405	139	198	271	0.4	710	0.411	0	0.732	0.182	0.262	0	0.007	0.2	0.052		0.2	0.002
NW boundary dam	May-98	7.7	144.2	1307	21	30	548	395	156	197.9	305	0.4	625	0.41	0.06	0.695	0.08	0.262	0.001	0	0.1	0.052	0.066	0.2	0.002
NW boundary dam	Jun-98	8.3	191	1208	1	63	545	342	203	172.8	239	1	537	0.104	0.055	0.407	0.068	0.456	0	0.003	0.4	0.052	0.192	0.4	0.002
NW boundary dam	Jul-98	8.7	166	1139	10	60	526.3	311.3	215	174.6	232.2	2.2	463.5	0.104	0.02	0.434	0.065	0.286	0.051	0.003	0.5	0.21	0	0.8	0.002
NW boundary dam	Aug-98	8.4	166	1218	14	70	589.8	333.1	256.1	185.7	246.4	1.6	522	0.11	0.024	0.35	0.04	0.28	0.02	0.001	2	0.156	0.15	0.6	0.002
NW boundary dam	Sep-98	8.7	180	1125	10	85	572	311	262	166.8	218	1	507	0.155	0	0.27	0	0.246	0.008	0.004	0.8	0	0.63	0.6	0
NW boundary dam	Oct-98	8.5	210	1383	4	85	596	324	271	170.75	230	0.8	459	0.221	0.009	0.235	0.031	0.211	0	0	0.6	0.05	0.21	0.4	0.001
NW boundary dam	Oct-00	8.05	78	594	21	25	277	201	76	69.6	82	6	282	1.092	0.017	0.923	0.216	0.162	0.013	0	3	0.156	0.711	0	0.002
NW boundary dam	Nov-00	9.7	143	1005	31	30	437	296	140	137.35	156	14.6	483	0.48	0.003	0.302	0.53	0.277	0.031	0	3	0.676	1	0.2	0.005
NW boundary dam	Dec-00	10.09	156	1015	22	35	451	290	160	144.5	175	18	500	0.426	0.041	0.208	0.848	0.29	0.022	0.004	4.8	0.208	0.057	0.2	0.005
NW boundary dam	Jan-01	9.62	174	1190	25	30	278	154	123	154.25	206	4	610	0.145	0.022	0.24	0.178	0.252	0.053	0.007	0.2	0.052	0.904	0.6	0.005
NW boundary dam	Feb-01	8.2	183	1294	5	45	547	368	179	171.95	213	1.6	669	0.088	0.016	0.467	0.149	0.242	0.027	0.003	1.4	0	0.4	0.4	0
NW boundary dam	Mar-01	8.82	182	1244	10	60	569	148	199	192.65	209	2.4	656	0.045	0.052	0.518	0.341	0.217	0.021	0.024	0.4	0.052	0.231	0	0.003
NW boundary dam	Jul-01	8.94	50	1391	35	50	619	432	187	217	245	2.6	757	0.225	0.056	0.535	0.919	0.395	0.011	0.005	0.6	0.208	0.735	0.2	0.006

NW boundary dam	Aug-01	9.41	211	1496	70	35	633	440	193	209	261	5	833	0.372	0.385	0.717	0.869	0.502	0.107	0.007	0.4	0.104	0.737	0	0.005
NW boundary dam	Sep-01	9.2	221	1592	139	30	204	460	204	191.2	284	4	827	3.455	0.295	1.656	1.409	0.643	0.055	0.01	0	0.052	0.628	0.4	0.003
NW boundary dam	Oct-01	8.05	78	594	21	25	277	201	76	69.6	82	6	282	1.092	0.017	0.923	0.216	0.162	0.013	0	3	<.5	0.711	0	0.002
NW boundary dam	Nov-01	9.7	143	1005	31	30	437	296	140	137.35	156	14.6	483	0.48	0.003	0.302	0.53	0.277	0.031	0	3	0.676	1	0.2	0.005
NW boundary dam	Dec-01	10.09	156	1015	22	35	451	290	160	144.5	175	18	500	0.426	0.041	0.208	0.848	0.29	0.022	0.004	4.8	<.5	0.057	0.2	0.005
NW boundary dam	Jan-02	8.5	97	697	63	25	295	250	45	68.25	80	2.4	372	1.542	0.068	0.635	0.527	0.196	0	0.004	1.2	<.5	0.505	0	0.009
NW boundary dam	Feb-02	8.49	114	814	28	40	346	294	52	99.3	89	4.2	439	0.411	0.093	0.829	0.991	0.238	0	0.015	3	<.5	0.795	1	0.007
NW boundary dam	Mar-02	8.66	116	1402	48	35	381	321	60	106	110	4.6	487	1.177	0.057	0.645	0.274	0.184	0.021	0.005	2.6	<.5	0.151	0.8	0.003
NW boundary dam	Apr-02	8.14	209	1492	33	15	660	469	191	252.2	362	4.2	757	0.244	0.033	0.347	0.069	0.336	0.027	0.008	2.2	<.5	0.322	0.8	0.002
NW boundary dam	May-02	9.63	220	1676	88	40	633	440	193	255	399	3.4	599	0.622	0.04	0.232	0.199	0.274	0.028	0.009	0.8	<.5	1.29	0.2	0.006
NW boundary dam	Jun-02	8.42	245	1675	17	55	718	574	145	244.3	312	1	749	0.284	0.22	0.892	3.6	1.125	0.01	0.009	2.8	5.304	0.884	0	0.035
NW boundary dam	Jul-02	8.09	223	1400	7	80	669	482	188	217.5	252	4.6	738	0.283	0.218	0.377	1642	0.823	0.011	0.007	5	2.08	0.7	0.2	0.018
NW boundary dam	Aug-02	8.61	277	1999	16	65	849	698	150	288.3	301	1.8	1021	0.123	0.118	0.297	1.343	0.501	0.012	0.004	7.2	0.572	0	0.6	0.029
NW boundary dam	Sep-02	8.28	285	2528	19	120	951	814	137	383.1	409	13.4	1127	0.451	0.171	0.405	1.047	0.653	0.043	0.017	14	2.132	1.9	0.2	0.019
NW boundary dam	Oct-02	8.8	273	2006	31	40	750	574	176	60.8	339	2.2	924	0.371	0.148	0.564	2.632	0.702	0.057	0.008	0	0.936	1.108	0	0.009

NW boundary dam	Nov-02	9.84	235	1646	35	55	668	464	204	214.9	289	3	819	0.031	0.08	0.337	0.556	0.362	0.032	0.005	0	<.5	0.891	0.4	0.001
NW boundary dam	Dec-02	9.4	212	1467	16	65	641	459	182	216.8	245	6.16	733	0.06	0.019	0.253	0.8	0.464	0.03	0.006	0.8	<.5	0.49	0.2	0.007
NW boundary dam	Jan-03	8.33	231	1557	14	40	629	474	156	262	296	8	816	0.246	0.047	0.398	1.084	0.297	0.115	0.003	2.2	<.5	1.6	0	0.012
NW boundary dam	Feb-03	8.22	268	1902	21	50	696	544	152	302	303	11.2	883	0.136	0.101	0.283	0.755	0.358	0	0.004	2.2	<.5	0.775	0.2	0.012
NW boundary dam	Mar-03	7.95	286	1960	13	55	736	577	158	291.5	121	14	926	0.058	0.08	0.816	1.423	0.445	0.013	0.007	3.2	<.5	0.066	0.2	0.104
NW boundary dam	Apr-03	8.78	274	1944	14	50	915	756	158	278	307	16.4	902	0.062	0.026	0.1	1.089	0.045	0.024	0.004	2	1.04	0.892	0.4	0.22
NW boundary dam	May-03	8.43	285	2025	13	70	897	719	178	382	296	16.6	981	0.085	0.051	0.109	27.14 2	0.52	0.032	0	3.6	<.5	0.681	0.2	0.037
NW boundary dam	Jun-03	10.04	252	1837	20	60	679	514	165	246.9	266	16.4	786	0.158	0.524	0.104	1.76	0.61	0.067	0.011	1.6	2.808	0.763	0.2	0.038
NW boundary dam	Jul-03	9.17	272	1737	26	70	710	544	167	276.5	294	16.4	872	0	0.072	0.072	2.105	0.641	0.028	0.007	3.8	1.872	0.464	0.4	0.029
NW boundary dam	Aug-03	9.55	271	1836	32	70	731	550	181	273	306	13.6	860	0.048	0.053	0.054	1.928	0.485	0.032	0.008	0.4	2.756	0.969	0.4	0.022
NW boundary dam	Sep-03	8.29	285	2004	53	75	754	599	230	309	324	13	956	0.123	0.041	0.122	2.654	0.388	0.035	0.008	2	9.516	1.734	0.2	0.019
NW boundary dam	Oct-03	7.04	58	403	196	20	183	126	57	39.3	50	1.6	261	0.069	0.015	0.412	0.145	0.135	0.009	0.005	0.4	<.5	1.563	0	0.007
NW boundary dam	Nov-03	7.21	120	855	121	40	329	261	68	98.6	117	2.2	429	0.787	0.093	0.808	0.997	0.216	0.025	0.003	1.4	<.5	0.637	0.2	0.009
NW boundary dam	Dec-03	7.54	156	941	34	40	405	329	76	143.5	71	6.6	485	0.161	0.093	0.011	0.989	0.266	0.057	0.012	1.4	<.5	0.282	0.2	0.009
West Boundary dam	Jul-00	8.38	182	1368	13	95	863	691	173	148	197	17.2	544	0.141	0.002	0.643	0.035	0.091	0.05	0	5.6	0.104	1.469	0.2	0

West Boundary dam	Aug-00	8.63	163	1258	10	105	734	521	214	145	195	24.6	552	0.469	0.001	0.902	0.005	0.082	<.1	<0.1	2.6	0.26	1.07	0	0.002
West Boundary dam	Sep-00	8.49	199	1458	14	100	761	493	267	181.6	223	23	698	0.502	0.01	0.997	0	0.083	0.027	0.013	3.8	0	0.816	0	0.005
West Boundary dam	Oct-00	8.66	137	1090	21	90	588	367	222	107.1	138	19	493	0.369	0	1.264	0.003	0.022	0	2.6	0	0.221	0.2	0	
West Boundary dam	Nov-00	8.92	229	1647	28	95	775	594	181	185.65	236	53	629	0.713	0.023	0.967	0	0.054	0.043	0.005	0	0.104	0	0.2	0
West Boundary dam	Dec-00	8.36	206	1527	37	105	725	474	251	155.4	218	77.6	534	0.868	0.186	0.79	0.246	0.069	0.064	0.006	3.2	0.156	0.514	0.4	0
West Boundary dam	Feb-01	8.25	584	5542	249	90	1967	1088	879	404	957	1.6	3252	0.836	0.014	1.301	0.003	0.048	0.06	0	3.4	0.104	4.828	0.2	0
West Boundary dam	Mar-01	7.19	486	4374	13	75	1426	348	558	267.2	422	0	2251	0.16	0.022	0.407	0.009	0.021	0.039	0.072	0	0.052	0.185	0.2	0.003
West Boundary dam	Jul-01	8.63	87	1244	16	100	695	432	263	144	211	11.8	645	0.228	0	0.881	0	0	0.007	0.003	0.6	0	0.907	0.2	0.002
West Boundary dam	Aug-01	8.96	180	1207	50	100	664	451	213	182.5	227	5.6	518	0.485	0.042	0.885	0	0.033	0.02	0.004	0.4	0	0.763	0	0.001
West Boundary dam	Sep-01	9.2	188	1449	36	100	261	461	261	144	216	12.2	640	1.096	0.08	1.111	0.006	0.055	0.031	0.008	0	0	0.327	1	0.001
West Boundary dam	Oct-01	8.13	141	1051	60	80	508	309	199	79.2	140	6.8	458	0.744	0.023	0.746	0.006	0.041	0.001	0.006	0	<0.5	0.691	0.2	0
West Boundary dam	Nov-01	7.58	111	916	26	55	397	203	194	55.2	96	2.2	356	1.042	0.012	0.828	0.007	0.062	0	0.004	0.8	<0.5	0.82	0.2	0
West Boundary dam	Dec-01	8.42	181	1525	5	105	562	506	224	140.35	236	2.8	562	0.367	0.029	0.836	0.006	0.049	0.037	0.005	13	<0.5	0.18	0.2	0.001
West Boundary dam	Jan-02	7.96	127	917	43	70	380	216	164	70.65	145	8.4	403	0.995	0.012	0.846	0.017	0.05	0	0.004	0	<0.5	0.707	0.2	0
West Boundary dam	Feb-02	8.94	182	1448	56	80	753	537	216	129.3	209	25.8	599	1.46	0.012	0.74	0.024	0.035	0	0.023	0.8	<0.5	0.841	0.8	0

West Boundary dam	Mar-02	8.87	171	1402	73	55	735	527	209	130.8	222	25.2	529	1.619	0.057	0.645	0.274	0.184	0.021	0.005	2.6	<0.5	0.176	1	0.009
West Boundary dam	Apr-02	8.34	200	1692	41	60	853	665	188	171.4	266	25.4	705	0.632	0.012	0.779	0	0.038	0.033	0.006	1.6	<0.5	0.297	0.6	0.001
West Boundary dam	May-02	8.56	255	2117	40	40	1008	788	220	214.5	337	13.8	772	0.743	0.185	0.863	0	0.135	0.029	0.01	1.4	<0.5	0.43	0.2	0.002
West Boundary dam	Jun-02	8.48	218	1601	36	75	875	587	288	160.5	236	18.4	665	0.559	0.214	0.867	0.094	0.087	0.025	0.006	0.2	<0.5	0.063	0.2	0
West Boundary dam	Jul-02	7.99	207	1390	11	796	532	265	147.4	209	14.6	682	0.32	0.5	1.387	0.066	0.13	0.052	0.007	0.4	1.56	<0.5	0.667	0.2	0.001
West Boundary dam	Aug-02	9.11	229	1688	9	75	912	665	247	159.5	234	29.26	803	0.105	0.068	0.887	0.105	0.13	0.005	0.004	0	<0.5	0	0.4	0.003
West Boundary dam	Sep-02	8.37	206	1549	9	75	796	586	214	147.4	213	26.6	674	0.036	0.009	0.314	0.008	0.052	0.025	0.01	0.6	<0.5	1.161	0.4	0.002
West Boundary dam	Oct-02	8.3	196	1473	2	80	698	458	239	83.9	197	7.8	673		0.016	1.165	0.01	0.089	0.03	0.004	0	<0.5	0.541	0	0
West Boundary dam	Nov-02	7.91	149	968	9	115	530	389	141	104.3	149	14.2	440	0.047	0.013	0.591	0	0.063	0.013	0.003	0.4	<0.5	1.795	0.4	0.001
West Boundary dam	Dec-02	7.42	95	593	2	90	314	252	62	65.5	89	12.2	213	0.086	0.018	0.157	0.007	0.077	0.011	0	2.2	<0.5	2.43	0.2	0.003
West Boundary dam	Apr-03	7.9	234	1740	2	50	939	767	172	162	253	34.2	654	0.027	0.2	0.021	0.035	0.036	0.018	0.004	0	<0.5	0.927	0.4	0
West Boundary dam	May-03	8.01	202	1471	3	85	848	638	209	166.2	213	24.8	611	0.048	0.074	0.475	0	0.081	0.022	0	0	<0.5	1.479	0.2	0
West Boundary dam	Jun-03	7.5	102	785	1	85	346	207	139	65.4	89	10.8	230	0.019	0.061	0.109	0.004	0.053	0.04	0.003	0	<0.5	2.062	0.4	0.001
West Boundary dam	Jan-03	8.44	148	979	15	90	543	376	167	105.2	149	39.6	483	0.211	0.104	0.112	0	0.034	0	0.002	0	<0.5	2	0	0
West Boundary dam	Feb-03	8.03	206	1550	2	65	735	572	163	144.7	209	30.4	626	0.063	0.207	0.076	0.645	0.048	0	0.002	0	<0.5	1.45	0.2	0

West Boundary dam	Mar-03	7.9	228	1695	12	30	792	616	176	152.8	207	33.6	700	0.081	0.01	0.014	0.006	0.059	0.057	0.005	0.6	<0.5	1.085	0.2	0.052
West Boundary dam	Jul-03	8.29	267	1756	2	135	708	507	201	282.2	328	21.6	851	0.106	0.023	1.922	0.089	0.086	0.055	0.007	0	<0.5	1.675	0.4	0.001
West Boundary dam	Aug-03	8.72	165	1049	0	55	551	387	164	107	170	21.6	474	0.016	0.02	0.03	0.002	0.036	0.023	0.005	0	<0.5	1.505	0.4	0.001
West Boundary dam	Sep-03	7.18	89	581	77	65	292	206	178	62	92	14	198	0.041	0.48	0.13	0.039	0.077	0.13	0.004	10.4	<0.5	3.75	0.2	0.001
West Boundary dam	Oct-03	7.14	146	1042	26	70	549	266	284	83.9	126	3.2	568	0.055	0.038	0.262	0.031	0.135	0.016	0.008	1	<0.5	1.563	0.2	0
West Boundary dam	Nov-03	7.73	181	1512	7	75	657	455	202	110.8	193	4.4	613	0.099	0.014	1.343	0.021	0.095	0.024	0.005	0	<0.5	1.274	0	0.001
West Boundary dam	Dec-03	8.17	231	1544	4	15	768	614	154	156	108	25.4	696	0	0	0.05	0.01	0.088	0.07	0.013	0.8	<0.5	1.769	0.2	0.001
Holding dam	Jul-00	7.73	11	130	19	125	74	48	26	12	27	10.4	16	0.702	0	0.232	0	0.025	0.007	0	4	0.052	0	0.2	0
Holding dam	Aug-00	7.94	12	102	0	30	117	95	21	126	21	2.6	29	0.588	0.001	0.255	0.001	0.012	<0.1	<0.1	0	0	0.099	0.2	0
Holding dam	Sep-00	7.4	13	91	0	25	55	37	17	10.5	25	4.4	56	1.05	0.033	0.235	0	0.009	0.002	0	2.8	0	0	0	0.004
Holding dam	Oct-00	8.62	50	350	16	120	151	116	35	57.8	83	12.8	85	0.403	0.029	0.241	0.006	0.005	0.001	0	2.2	0.104	4.828	0.2	0.001
Holding dam	Nov-00	7.56	18	120	11	30	65	42	23	15.3	28	5.8	36	3.313	0.027	0.429	0	0.016	0.008	0	2.8	0	0	0	0.003
Holding dam	Dec-00	8.21	46	290	16	60	98	74	25	40.8	67	19.6	63	1.003	0.026	0.152	0.02	0.026	0.019	0	2.8	0	2.743	0.2	0
Holding dam	Jan-01	7.51	84	484	36	75	251	199	52	87.5	131	6	138	0.667	0.022	0.134	0.005	0.04	0.041	0.001	2.6	0.052	5.342	0.2	0.001
Holding dam	Feb-01	8.24	88	532	45	70	202	152	50	73.1	128	3	186	1.175	0.057	0.213	0.015	0.046	0.024	0.001	4.4	0.26	0.8	0	0
Holding dam	Mar-01	7.49	76	440	87	60	190	57	48	76.7	113	5.2	119	3.193	0.126	0.308	0.016	0.031	0.024	0.004	2	0.052	4.074	0	0.004
Holding dam	Jul-01	7.37	101	668	3	75	296	209	87	107.15	298	7.4	193	0.247	0.245	0.08	0.016	0.022	0	0.001	1.6	0	5.493	0.2	0.002
Holding dam	Aug-01	7.34	105	552	29	85	241	180	61	11	165	5.4	181	0.551	1.064	0.255	0.067	0.067	0.037	0.002	2.6	0.052	6.124	0	0.004
Holding dam	Sep-01	7.32	93	558	119	13	55	166	55	84.3	129	10.6	171	5.779	0.253	0.198	0.102	0.068	0.045	0.005	0.6	0	5.631	0.4	0.001

Holding dam	Oct-01	7.49	51	309	21	35	118	84	35	41.5	74	2	107	0.625	0.077	0.427	0.01	0.023	0	0.001	0.4	<0.5	0	0.2	0
Holding dam	Nov-01	7.22	46	288	9	90	103	77	26	32.75	71	4.4	100	1.098	0.069	0.112	0.01	0.028	0.003	0.002	0.2	<0.5	2.35	0	0
Holding dam	Dec-01	7.88	71	438	4	65	124	122	32	58.15	65	8.8	124	0.492	0.03	0.102	0.006	0.024	0.01	0.001	8.8	<0.5	2.218	0	0
Holding dam	Jan-02	7.55	77	486	17	45	157	117	40	58.45	126	4	170	0.575	0.01	0.15	0.003	0.024	0.024	0.003	0	<0.5	1.591	0.2	0.001
Holding dam	Feb-02	7.85	25	119	4	20	51	33	18	9.3	19	3.8	52	0.814	0	0.165	0	0	0	0.003	1.8	<0.5	0.659	1.6	0
Holding dam	Mar-02	6.75	178	178	10	15	73	47	27	22.05 5	53	1.4	49	1.153	0.055	0.148	0	0.015	0.031	0.003	1	<0.5	0.327	1.2	0
Holding dam	Apr-02	7.66	59	330	7	35	154	113	41	63.4	96	1.8	133	0.259	0.15	0.108	0	0.017	0	0.001	3.6	<0.5	4.851	1.2	0.001
Holding dam	May-02	7.51	73	444	3	60	150	108	42	78.9	131	5.6	145	1.059	0.11	0.189	0.03	0.029	0.039	0.001	3	<0.5	3.326	0.02	0.002
Holding dam	Jun-02	7.15	59	266	1	85	130	88	42	51.8	78	0.2	90	0.291	0.1	0.14	0.128	0.025	0.108	0	1.6	<0.5	5.934	0	0.001
Holding dam	Jul-02	7.15	47	201	10	55	125	84	41	49.1	67	9	59	0.274	0.107	0.112	0.051	0.021	0	0.002	0.4	<0.5	7.525	0.2	0
Holding dam	Aug-02	7.42	53	344	14	60	128	91	37	50	71	4.2	77	0.182	0.021	0.09	0	0.017	0.002	0.001	0.2	<0.5	0	0.4	0.003
Holding dam	Sep-02	7.1	30	183	12	50	80	50	30	23.7	58	2.6	33	0.597	0.024	0.314	0	0.006	0	0.004	0	<0.5	0.237	0.4	0.002
Holding dam	Oct-02	7.99	58	368	2	50	138	73	65	66.5	92	6.6	64	0.496	0.031	0.162	0.022	0.027	0.01	0	0	<0.5	5.8	0	0
Holding dam	Nov-02	7.73	67	328	20	70	135	93	42	76.4	105	6.4	105	1.381	0.004	0.184	0	0.01	0	0.001	0	<0.5	8.122	0.2	0.001
Holding dam	Dec-02	7.33	70.8	406	8	60	164	120	43	70.8	101	6.6	85	0.168	0.018	0.038	0	0.042	0	0.001	0.4	<0.5	7.346	0.2	0.006
Holding dam	Apr-03	7.78	68	380	49	55	103	103	37	65	99	6.8	72	0.395	0.046	0.128	0.076	0.033	0	0	0	<0.5	5.37	0.2	0.052
Holding dam	May-03	8.07	48	286	12	60	102	76	26	48.4	66	4.8	49	0.085	0.026	0.026	0.046	0.012	0.032	0	0	<0.5	4.248	0.2	0.002
Holding dam	Jun-03	7.69	72	387	71	60	209	146	63	32	96	8.4	95	0.041	0.037	0.093	0	0.022	0.015	0	0.8	<0.5	7.786	0.4	0.001
Holding dam	Jan-03	7.78	68	357	43	50	133	99	34	77.9	117	0	79	0	0	0.032	0	0.007	0	0.001	0	<0.5	7.089	0	0.001
Holding dam	Feb-03	7.4	61	368	18	60	115	81	34	65.9	96	6.2	62	0.469	0.106	0.06	0.153	0.011	0	0	0	<0.5	6.599	0	0
Holding dam	Mar-03	7.78	68	380	49	55	103	103	37	65	99	6.8	72	0.395	0.046	0.128	0.076	0.033	0	0	0	<0.5	5.37	0.2	0.052
Holding dam	Jul-03	7.85	69	399	8	60	134	94	40	67.1	105	7.8	61	0	0.059	0.081	0.005	0.018	0	0	0	<0.5	6.856	0.2	0.001
Holding dam	Aug-	7.54	67	367	9	70	132	89	43	77	106	0	100	0.025	0.056	0.049	0.003	0.021	0.009	0.002	0	<0.5	8.99	0.2	0.001

dam	03																								
Holding dam	Sep-03	7.31	75	464	19	55	163	112	102	89	94	7.4	97	0.054	0.064	0.086	0.008	0.03	0.01	0.004	0	<0.5	7.254	0.2	0.001
Holding dam	Oct-03	7.64	68	418	17	60	150	95	55	69.5	97	7.6	137	0.017	0.024	0.055	0.004	0.049	0.02	0.005	0	0	8.323	0.2	0
Holding dam	Nov-03	7.26	64	410	20	60	75	40	35	6.303	96	5.6	77	0.535	0.042	0.166	0.007	0.023	0.028	0.002	0	0	7.26	0.2	0.002
Holding dam	Dec-03	7.19	67	370	23	65	136	98	37	77.5	44	4.2	84	3.148	0.012	0	0.01	0.013	0.036	0.008	0	0	7.995	0	0
Below Savuka Rock Dump	Jul-00	8.13	167	1600	22	70	733	458	274	133	175	8.2	605	0.253	3.648	4.341	0	0.103	0.098	0	9	0.052	1.443	0.2	0
Below Savuka Rock Dump	Aug-00	7.69	189	1492	11	145	843	577	266	202	206	0	758	1.228	1.673	6.414	0.003	0.148	<0.1	<0.1	8.6	0.104	0.647	0	0
Below Savuka Rock Dump	Sep-00	7.88	192	1328	21	110	739	479	259	174.9	200	11	805	1.602	3.285	6.895	0.004	0.209	0.028	0.009	9.8	0.104	0.579	0.4	0.013
Below Savuka Rock Dump	Oct-00	8.22	178	1486	5	105	745	493	253	159.05	183	11.8	702	1.098	5.649	6.97	0.01	0.075	0.007	0.001	4.6	0.052	1.446	0.2	0.004
Below Savuka Rock Dump	Nov-00	7.63	202	1510	7	115	695	474	220	173.05	186	11	696	0.607	0.047	3.582	0.007	0.143	0.033	0.002	6	0.156	2	0.4	0
Below Savuka Rock Dump	Dec-00	8.85	206	1459	403	110	724	522	201	175.2	349	32.8	730	1.09	0.316	0.64	0.316	0.362	0.101	0.004	12.4	0.052	0.8	0.4	0.012
Below Savuka Rock Dump	Jan-01	9.63	157	1085	11	140	335	193	142	101.05	151	1.8	524	0.417	7.892	1.048	0.008	0.091	0.06	0.006	1.8	0.052	2.711	0.2	0.004
Below Savuka Rock Dump	Feb-01	8.25	203	1469	1030	155	705	500	205	140.6	209	0.6	745	6.075	2.358	1.313	0.016	0.18	0.063	0.002	2.6	0	0.4	0.4	0
Below Savuka Rock Dump	Mar-01	7.73	190	1355	30	120	760	199	263	179.4	179	0.6	666	1.554	6.78	4.87	0.89	0.102	0.025	0.028	3.8	0.104	0.717	0.2	0.024

Below Savuka Rock Dump	Jul-01	7.22	161	1067	40	105	477	306	171	140.5	147	0	526	0.506	3.152	1.614	0.03	0.059	0.002	0.003	0	0	2.206	0.2	0.003
Below Savuka Rock Dump	Aug-01	7.67	195	1402	27	70	646	431	215	127.5	206	2.4	722	0.963	6.303	3.845	3.389	0.213	0.05	0.006	3	0.572	1.658	0.2	0.011
Below Savuka Rock Dump	Sep-01	7.68	145	1142	99	100	166	351	166	142.8	174	1.8	569	5.116	0.498	1.805	0.148	0.173	0.056	0.01	5.2	0.104	3.388	0.2	0.011
Below Savuka Rock Dump	Oct-01	8.02	188	1441	13	95	653	416	236	133.3	177	2.4	747	0.067 2	6.236	4.38	0.058	0.156	0.035	0.01	0.8	<0.5	0.585	0.2	0.009
Below Savuka Rock Dump	Nov-01	7.8	163	1333	63	30	602	398	204	103.9	135	3.4	620	1.157	3.941	4.872	0.026	0.191	0	0.008	1.4	<0.5	0.601	0	0.008
Below Savuka Rock Dump	Dec-01	8.02	164	1107	23	70	587	348	118	139.8	135	9.6	587	0.046	1.187	2.319	0.829	0.274	0.017	0.004	9.6	<0.5	0.277	0	0.009
Below Savuka Rock Dump	Jan-02	8	165	1254	7	75	564	380	183	120.2 5	149	2.4	680	0.639	0.994	2.429	0.028	0.12	0.013	0.007	0	<0.5	0.808	0.2	0.002
Below Savuka Rock Dump	Feb-02	8.15	168	1298	23	80	626	434	193	126.7	149	5	691	0.881	5.141	4.171	0.024	0.103	0	0.023	2.2	<0.5	1.909	1.2	0.002
Below Savuka Rock Dump	Mar-02	7.43	158	1275	10	10	641	461	210	127.4	167	3	669	0.487	5.562	3.396	0.021	0.111	0.046	0.007	2	<0.5	1.332	1.2	0.002
Below Savuka Rock Dump	Apr-02	7.45	161	1162	12	90	635	426	209	131.4	138	3.2	701	0.653	0.067	3.83	0.069	0.113	0.014	0.007	2.6	<0.5	1.337	1.2	0.005
Below Savuka Rock Dump	May-02	7.57	159	1249	36	90	571	357	214	131	145	1.6	649	0.271	0.671	2.069	0.011	0.076	0.013	0.006	0	<0.5	1.991	0.6	0.003
Below	Jun-	7.17	208	1468	66	80	746	491	255	156	175	4	746	1.097	9.561	6.48	0.068	0.191	0.026	0.009	0.2	<0.5	0.758	0.2	0.004

Savuka Rock Dump	02																								
Below Savuka Rock Dump	Jul-02	7.2	270	1424	11	100	728	470	258	166.9	200	5.6	793	0.19	7.648	4.749	0.179	0.155	0.004	0.006	1.2	<0.5	1.606	0.2	0.073
Below Savuka Rock Dump	Aug-02	7.6	174	1203	13	110	598	412	186	123.5	145	0.8	612	0.421	6.32	3.795	0.03	0.1	0.32	0.004	1.4	<0.5	0	0.2	0.025
Below Savuka Rock Dump	Sep-02	7.85	122	832	14	125	419	272	147	90.6	106	1.2	440	0.316	3.718	1.358	0.011	0.053	0.011	0.005	0.4	<0.5	3.318	0.2	0.003
Below Savuka Rock Dump	Oct-02	8.23	132	829	29	100	336	205	132	78.9	97	2.2	432	0.266	3.068	1.636	0.024	0.104	0.014	0.001	0.4	<0.5	2.784	0.2	0.009
Below Savuka Rock Dump	Nov-02	7.91	74	558	27	115	299	184	115	56.4	71	9.8	228	0.21	4.103	1.187	0.005	0.048	0.018	0.002	0	<0.5	4.879	0.2	0.002
Below Savuka Rock Dump	Dec-02	7.61	125	847	11	115	459	322	137	73.6	103	1.8	428	0.2	0.779	1.786	0.026	0.144	0.008	0.003	0.6	<0.5	1.297	0.2	0.012
Below Savuka Rock Dump	Apr-03	8.2	108	672	16	105	285	248	123	64.2	82	2.8	259	0.413	0.177	0.684	0.014	0.069	0	0.003	0.4	<0.5	2.459	0.2	0.104
Below Savuka Rock Dump	May-03	8.27	77	478	7	90	250	178	72	52.2	67	2.2	183	0.1	3.173	0.533	0.068	0.041	0.015	0	0	<0.5	3.024	0.2	0.002
Below Savuka Rock Dump	Jun-03	8.14	70	492	11	90	361	244	117	101	67	1.2	177	0.024	1.613	0.435	0	0.029	0.01	0	0	<0.5	6.131	0.2	0.001
Below Savuka Rock Dump	Jan-03	8.4	116	847	8	110	409	265	143	78.2	92	2	401	0	0.147	0.246	0	0.013	0	0.001	0.4	<0.5	3.178	0.2	0.003
Below Savuka	Feb-03	7.28	121	955	2	65	467	310	157	78.5	99	0	417	0.712	0.735	0.603	0.008	0.033	0	0.001	0	<0.5	1.5	0.2	0.001

Rock Dump																										
Below Savuka Rock Dump	Mar-03	8.2	108	672	16	105	285	248	123	64.2	82	2.8	259	0.413	0.177	0.684	0.014	0.069	0	0.003	0.4	0	2.459	0.2	0.104	
Below Savuka Rock Dump	Jul-03	8.08	101	653	22	110	398	229	169	63.1	103	1.6	297	0	7.923	1.377	0.034	0.088	0	0.003	3.6	<0.5	2.191	0.2	0.001	
Below Savuka Rock Dump	Aug-03	7.58	106	650	0	90	398	216	182	63	105	2	333	0.043	6.83	1.293	0.006	0.082	0.016	0.003	0	<0.5	1.173	0.2	0.003	
Below Savuka Rock Dump	Sep-03	7.31	106	701	73	105	368	215	198	78	112	0.8	315	0.135	5.857	2.526	0.022	0.11	0.023	0.006	0	<0.5	2.379	0.2	0.004	
Below Savuka Rock Dump	Oct-03	6.7	91	615	119	10	294	196	97	58.2	69	2.4	386	0.016	7.334	2.631	0.33	0.279	0.024	0.007	0.6	<0.5	0.553	0	0.044	
Below Savuka Rock Dump	Nov-03	7.34	72	557	23	65	166	75	91	36.3	60	1.6	287	0.478	2.483	0.927	0.092	0.085	0.012	0.003	0	<0.5	1.127	0	0.008	
Below Savuka Rock Dump	Dec-03	7.34	104	705	13	70	383	214	168	51.2	39	1	316	0.404	10.25	0.001	0.036	0.085	0.046	0.01	0	<0.5	0.462	0.2	0.003	
Upstream of Savuka Rock Dump	Jul-00	8.03	303	2439	9	95	1221	869	352	22	301	7.8	1367	2.013	0.041	1.064	0.013	0.1	0.121	0	24.6	0.052	0	0.2	0	
Upstream of Savuka Rock Dump	Aug-00	7.68	301	2506	0	55	420	91	329	109	296	10	1443	4.641	0.041	17.874	0.007	0.162	<0.1	<0.1	17.8	0.104	0.075	0	0.001	
Upstream of Savuka Rock Dump	Sep-00	7.18	327	2693	11	50	1185	793	392	393	328	10	1562	4.339	0.117	24.105	0	0.172	0.036	0.012	16	0.156	0.026	0.4	0.004	
Upstream of Savuka Rock	Oct-00	8.05	304	2637	6	65	710	371	339	354.5	321	23.8	1437	3.023	0.195	17.005	0.013	0.061	0.014	0.004	16.2	0.156	0.073	0.2	0	

Dump																										
Upstream of Savuka Rock Dump	Nov-00	7.47	341	2623	17	80	1102	774	328	273.15	307	13	1432	7.264	2.633	8.519	0.005	0.072	0.042	0.006	0	0.104	0	0.2	0.006	
Upstream of Savuka Rock Dump	Dec-00	7.55	331	2580	6	55	1110	753	357	27.13	314	20.8	1095	0.884	0.095	1.761	0.063	0.101	0.086	0.011	21.6	0.052	0.029	0.4	0	
Upstream of Savuka Rock Dump	Feb-01	8.24	322	2408	49	130	1127	871	256	235.8	285	3.6	1373	30.325	0.063	23.419	0.032	0.077	0.036	0.005	16.6	0.156	3.086	0.6	0	
Upstream of Savuka Rock Dump	Mar-01	6.89	370	2797	12	80	1364	364	454	214.1	353	3.6	1508	4.22	0.188	13.69	0.55	0.022	0.042	0.045	9.8	0.052	0.602	0	0.004	
Upstream of Savuka Rock Dump	Jul-01	10.73	337	2614	12	70	851	498	353	353.5	308	2.6	1442	9.905	0.078	14.862	0.03	0.005	0.015	0.007	9.2	0	0	0	0.001	
Upstream of Savuka Rock Dump	Aug-01	7.02	357	2898	44	85	1013	635	378	303.5	346	3.8	1609	4.993	0.439	18.425	3.469	0.054	0.057	0.012	0	0	0.053	0.2	3	
Upstream of Savuka Rock Dump	Sep-01	6.99	335	2626	48	75	318	737	318	287.6	314	3	1530	28.188	0.156	13.626	0.049	0.077	0.062	0.018	10.8	0	0.109	0.4	0	
Upstream of Savuka Rock Dump	Oct-01	6.46	361	3096	63	20	1187	800	387	293.6	298	1.4	1772	4.78	0.739	14.21	0.087	0.419	0.043	0.014	5.6	<0.5	0	0	0.009	
Upstream of Savuka Rock Dump	Nov-01	5.64	255	2247	29	5	986	723	263	199.1	218	0.8	1294	0.517	0.208	4.612	0.025	0.179	0.008	0.005	2.2	<0.5	0.164	0	0	
Upstream of Savuka Rock Dump	Dec-01	7.93	328	2789	21	95	1452	693	388	335.5	317	6.8	1452	4.468	0.112	24.17	0.01	0.068	0.034	0.008	6.8	<0.5	2.413	0	0	
Upstream of Savuka Rock Dump	Jan-02	7.07	283	2334	99	45	655	337	318	265.3	261	1.4	1320	4.759	0.192	3.385	0.047	0.158	0.039	0.01	1	<0.5	0.227	0.6	0	

Upstream of Savuka Rock Dump	Feb-02	7.67	342	2911	19	70	1260	884	376	355.2	324	5.6	1645	5.741	0.109	2.58	0.021	0.083	0	0.043	9.4	<0.5	0.341	1.4	0
Upstream of Savuka Rock Dump	Mar-02	7.01	299	2815	17	95	1143	761	383	328.4	308	3.6	1385	5.293	0.113	15.428	0.027	0.115	0.137	0.009	9	<0.5	0.025	1.2	0
Upstream of Savuka Rock Dump	Apr-02	6.84	315	2655	164	70	1346	995	350	335.2	308	5.8	1771	14.932	0.428	18.845	0.03	0.26	0.049	0.013	7	<0.5	0.297	1.2	0.001
Upstream of Savuka Rock Dump	May-02	6.81	372	2239	17	60	1108	798	310	315.8	291	3.6	1560	4.413	0.222	14.8	0.003	0.1	0.015	0.013	4	<0.5	0.204	0	0
Upstream of Savuka Rock Dump	Jun-02	5.99	330	2567	9	5	1308	1039	268	263	284	5.4	1367	1.904	0	1.645	0.026	0.161	0.024	0.009	9.2	<0.5	0.028	0.2	0
Upstream of Savuka Rock Dump	Jul-02	6.57	334	2548	28	35	1162	852	310	308.2	294	6.4	1611	0.586	0.357	2.035	1.433	0.113	0.022	0.009	9	<0.5	0	0	0
Upstream of Savuka Rock Dump	Aug-02	6.54	348	2754	66	50	1307	976	331	312.1	287	4.8	1650	7.001	0.211	15.798	0.036	0.096	0.033	0.007	3	<0.5	0	0.2	0.003
Upstream of Savuka Rock Dump	Sep-02	7	340	2813	18	60	1232	954	279	383.1	97	5.2	1698	0.961	0.047	16.278	0.029	0.048	0.056	0.013	4	<0.5	1.469	0	0.002
Upstream of Savuka Rock Dump	Oct-02	4	599	7349	57	0	1139	870	269	80	9	2.2	3798	22.765	25.778	60.199	3.528	10.335	0.105	0.072	0	<0.5	0.405	0	0
Upstream of Savuka Rock Dump	Nov-02	7.02	329	2518	42	75	1229	898	331	279.2	266	4.2	1492	1.565	0.09	18.548	0.009	0.071	0.044	0.007	9.6	<0.5	0	0.2	0.001
Upstream of Savuka Rock Dump	Dec-02	6.47	314	2626	40	50	1270	936	333	278.4	245	3.4	1613	1.654	0.159	12.325	0.044	0.159	0.03	0.003	4.8	<0.5	0	0.2	0.005
Upstream	Apr-	7.45	332	2546	268	25	1307	1045	261	285.7	294	10.4	1473	0.091	0.058	0.428	0.007	0.091	0.042	0.005	0	<0.5	0.297	0.2	0.001

of Savuka Rock Dump	03																									
Upstream of Savuka Rock Dump	May- 03	8.06	328	2480	288	115	1206	901	305	327	255	4.4	1385	0.103	0.063	1.015	0	0.03	0.043	0	15.8	<0.5	0.188	0.2	0	
Upstream of Savuka Rock Dump	Jun- 03	7.41	331	2579	154	130	977	702	257	268.2	273	6.2	1385	0.089	0.048	11.73 5	0.002	0.055	0.088	0.012	13.6	<0.5	0.085	0.4	0.002	
Upstream of Savuka Rock Dump	Jan- 03	8.13	329	2564	168	90	1093	795	299	295.6	275	1.6	1459	0.721	0.139	16.46 5	0.031	0.044	0.029	0.004	0.12	<0.5	0.556	0	0	
Upstream of Savuka Rock Dump	Feb- 03	7.09	331	2540	65	190	1188	886	302	323	271	1.2	1407	25.48	0.076	20.2	0.016	0.03	0.002	0.005	18.2	<0.5	0.375	0	0.001	
Upstream of Savuka Rock Dump	Mar- 03	7.13	341	2513	465	60	803	803	328	295.7	282	4.2	1406	12.69	0.241	1.587	0.104	0.067	0.099	0.008	12.6	<0.5	0.377	0.2	0.052	
Upstream of Savuka Rock Dump	Jul- 03	7.96	351	2656	264	105	1171	839	331	318.6	292	5.8	1521	0.183	0.108	13.45 3	0.005	0.056	0.049	0.008	9	<0.5	0	0.4	0	
Upstream of Savuka Rock Dump	Aug- 03	7.08	374	2714	32	105	1222	877	345	332	328	8	1514	0.606	0.268	4.672	0.003	0.074	0.039	0.008	3	<0.5	0.178	0.2	0	
Upstream of Savuka Rock Dump	Sep- 03	7.85	334	2423	132	100	1051	776	352	299	253	5.4	1413	0.193	0.057	10.07	0.62	0.08	0.057	0.013	10.6	<0.5	1.19	0.4	0.001	
Upstream of Savuka Rock Dump	Oct- 03	6.12	48	332	73	5	166	100	66	27.6	32	0.8	270	0.023	0.169	1.53	0.031	0.109	0.007	0.003	0	<0.5	0.962	0	0	
Upstream of Savuka Rock Dump	Nov- 03	6.35	255	2045	829	60	850	603	248	215.5	209	1.2	1138	1.013	0.342	5.459	0.234	0.218	0.065	0.007	2.2	<0.5	0.539	0.2	0.001	
Upstream of Savuka	Dec- 03	6.88	374	2809	566	105	1202	888	314	341.5	154	6.4	1557	7.573	0.208	0.002	0.133	0.052	0.143	0.021	6.8	<0.5	0.513	0.2	0.001	

