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Table 7
LSBP Surface Water Analytical Results
Metals
August and November 2001

Analyte	CT WQ Standards H H Criteria (organisms only)	RFI-3 August 2001	RFI-3 November 2001	RFI-4 August 2001	RFI-4 November 2001
Dissolved Metals (ug/l)					
ALUMINUM	NE	ND (32.0)	ND (32.0)	ND (32.0)	ND (32.0)
ANTIMONY	4,300	ND (2.4)	ND (2.4)	ND (2.4)	2.7 J
ARSENIC	0.14	ND (1.4)	ND (1.4)	ND (1.4)	1.4 J
BARIUM	NE	18.9	17.6	20.9	23.9
BERYLLIUM	0.13	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	170	ND (.64)	ND (.64)	1.4 J	ND (.64)
CALCIUM	NE	15,800	15,800	15,800	15,400
CHROMIUM	3,400	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)
COBALT	NE	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)
COPPER	NE	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
IRON	NE	49.3 J	125	109	880
LEAD	NE	ND (1.8)	1.8 J	6.5 J	2.5 J
MAGNESIUM	NE	4,500	4,730	4,720	4,430
MANGANESE	NE	230	208	258 J	824
MERCURY	0.15	.062 J	ND (.026)	ND (.026)	ND (.026)
NICKEL	4,600	ND (1.6)	ND (2.3)	ND (1.6)	ND (2.3)
POTASSIUM	NE	3,700	4,110	3,700	3,720
SELENIUM	6,800	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
SILVER	65,000	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
SODIUM	NE	23,100	19,000	23,100	16,900
THALLIUM	6.3	ND (.33)	ND (.33)	ND (.33)	ND (.33)
VANADIUM	NE	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
ZINC	NE	16.8 J	11.9 J	6.8 J	10.0 J
Total Metals (ug/l)					
ALUMINUM	NE	ND (32.0)	ND (32.0)	10600 J	1,940
ANTIMONY	4,300	ND (2.4)	ND (2.4)	19.0 J	2.4 J
ARSENIC	0.14	ND (1.4)	ND (1.4)	4.2 J	ND (1.4)
BARIUM	NE	19.2	17.8	106 J	32.4
BERYLLIUM	0.13	ND (.64)	ND (.64)	1.2 J	ND (.64)
CADMIUM	170	ND (.64)	ND (.64)	2.5 J	ND (.64)
CALCIUM	NE	15,600	14,900	18,100	16,100
CHROMIUM	3,400	ND (1.7)	ND (1.7)	11.1 J	3.0
COBALT	NE	ND (1.8)	ND (1.8)	13.8 J	3.0 J
COPPER	NE	ND (2.4)	ND (2.4)	142 J	25
IRON	NE	315	281	27600 J	5,120
LEAD	NE	ND (1.8)	13.4	2130 J	77.2
MAGNESIUM	NE	4,720	4,610	5,900	4,590
MANGANESE	NE	248	223	1610 J	885
MERCURY	0.15	ND (.026)	ND (.026)	0.29	ND (.026)
NICKEL	4,600	1.6 J	ND (2.3)	27.6 J	5.2
POTASSIUM	NE	3,790	3,560	4,020	4,040
SELENIUM	6,800	ND (1.2)	ND (1.2)	1.8	ND (1.2)
SILVER	65,000	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
SODIUM	NE	21,900	19,200	22,900	16,500
THALLIUM	6.3	ND (.33)	ND (.33)	ND (.33)	ND (1.6)
VANADIUM	NE	ND (1.6)	ND (1.6)	36.6 J	5.5
ZINC	NE	9.0 J	4.2 J	513 J	88.8
HARDNESS AS CACO3		59,100	58,500	72,400	67,900

Table 7
LSBP Surface Water Analytical Results
Metals
August and November 2001

Analyte	CT WQ Standards H H Criteria (organisms only)	RFI-5 August 2001	RFI-5 November 2001	RFI-7 August 2001	RFI-7 November 2001
Dissolved Metals (ug/l)					
ALUMINUM	NE	ND (32.0)	ND (32.0)	153 J	76.3 J
ANTIMONY	4,300	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
ARSENIC	0.14	ND (1.4)	1.9 J	ND (1.4)	1.9 J
BARIUM	NE	20.2	26.5	102	60
BERYLLIUM	0.13	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	170	ND (.64)	ND (.64)	1.3 J	ND (.64)
CALCIUM	NE	15,400	19,000	29,300	37,900
CHROMIUM	3,400	ND (1.7)	ND (1.7)	ND (1.7)	2.6 J
COBALT	NE	ND (1.8)	ND (1.8)	21.7	13.0
COPPER	NE	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
IRON	NE	38.1	495	1880	27800
LEAD	NE	57.1	3.5	5.6 J	2.9 J
MAGNESIUM	NE	4,550	5,180	4,690	7,320
MANGANESE	NE	201	806	1,180	2,120
MERCURY	0.15	ND (.026)	ND (.026)	ND (.026)	ND (.026)
NICKEL	4,600	2.0	ND (2.3)	64.3	17.3
POTASSIUM	NE	3,480	4,230	1,700	6,090
SELENIUM	6,800	ND (1.2)	ND (1.2)	ND (1.2)	1.6 J
SILVER	65,000	1.4 J	2.0 J	1.4 J	ND (1.3)
SODIUM	NE	22,000	20,100	11,300	23,500
THALLIUM	6.3	ND (.33)	ND (.33)	ND (.33)	ND (.33)
VANADIUM	NE	ND (1.6)	ND (1.6)	ND (1.6)	2.9 J
ZINC	NE	12.5 J	15.0 J	545 J	ND (3.2)
Total Metals (ug/l)					
ALUMINUM	NE	42.6 J	869	353 J	175 J
ANTIMONY	4,300	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
ARSENIC	0.14	ND (1.4) J	1.4 J	ND (1.4) J	ND (1.4)
BARIUM	NE	21.2	40.0	106	75.4
BERYLLIUM	0.13	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	170	ND (.64)	ND (.64)	2.3	ND (.64)
CALCIUM	NE	16,400	18,900	28,400	39,300
CHROMIUM	3,400	ND (1.7)	2.7 J	ND (1.7)	5.1
COBALT	NE	ND (1.8)	2.8 J	22.1	14.0
COPPER	NE	ND (2.4)	9.8	9.2	3.8 J
IRON	NE	897	3,970	4,080	45,300
LEAD	NE	10.3	80.1	12.6 J	4.3
MAGNESIUM	NE	4,800	5,190	4,650	7,460
MANGANESE	NE	221	1,870	1,230	2,210
MERCURY	0.15	ND (.026)	ND (.026)	0.031	ND (.026)
NICKEL	4,600	1.8	4.3 J	66.8	19.7
POTASSIUM	NE	3,650	4,400	1,660	6,630
SELENIUM	6,800	1.3	ND (1.2)	ND (1.2)	1.7 J
SILVER	65,000	ND (1.3)	ND (1.3)	1.8	ND (1.3)
SODIUM	NE	22,800	18,500	11,100	22,800
THALLIUM	6.3	ND (.33)	ND (1.6)	ND (.33)	ND (.33)
VANADIUM	NE	ND (1.6)	3.9 J	5.0	6.3
ZINC	NE	11.6 J	30.6	604 J	71
HARDNESS AS CACO3		62,600	75,200	101,000	137,000

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Table 7
LSBP Surface Water Analytical Results
Metals
August and November 2001

Analyte	CT WQ Standards H H Criteria (organisms only)	RFI-8 August 2001	RFI-8 November 2001	WBRBSW-01 August 2001	WBRBSW-01 November 2001
Dissolved Metals (ug/l)					
ALUMINUM	NE	ND (32.0)	ND (32.0)	36.2 J	ND (32.0)
ANTIMONY	4,300	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
ARSENIC	0.14	ND (1.4)	ND (1.4)	ND (1.4) J	2.8 J
BARIUM	NE	12.8	17.5	14.6	40.4
BERYLLIUM	0.13	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	170	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CALCIUM	NE	16,200	17,000	7,430	33,200
CHROMIUM	3,400	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)
COBALT	NE	ND (1.8)	ND (1.8)	ND (1.8)	2.4 J
COPPER	NE	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
IRON	NE	700	61.0 J	391	3930
LEAD	NE	ND (1.8)	ND (1.8)	11.2 J	ND (1.8)
MAGNESIUM	NE	5,150	5,980	1,130	6,490
MANGANESE	NE	36.9	8.4	196	2,070
MERCURY	0.15	.068 J	ND (.026)	ND (.026)	.033 J
NICKEL	4,600	ND (1.6)	ND (2.3)	2.4	2.6 J
POTASSIUM	NE	1,820	2,660	1,930	9,600
SELENIUM	6,800	ND (1.2)	ND (1.2)	ND (1.2)	1.3 J
SILVER	65,000	ND (1.3)	ND (1.3)	ND (1.3)	1.6 J
SODIUM	NE	17,600	19,200	4,420	27,700
THALLIUM	6.3	ND (.33)	ND (.33)	ND (.33)	ND (.33)
VANADIUM	NE	3.1 J	ND (1.6)	1.9 J	ND (1.6)
ZINC	NE	37.9	30.1	43.2 J	7.3 J
Total Metals (ug/l)					
ALUMINUM	NE	381	54.0 J	144 J	205
ANTIMONY	4,300	ND (2.4)	ND (2.4)	2.4	ND (2.4)
ARSENIC	0.14	ND (1.4)	ND (1.4)	ND (1.4) J	2.4 J
BARIUM	NE	14.2	17.7	16.5	81.2
BERYLLIUM	0.13	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	170	ND (.64)	ND (.64)	ND (.64)	.83 J
CALCIUM	NE	16,300	16,200	7,620	34,900
CHROMIUM	3,400	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)
COBALT	NE	ND (1.8)	ND (1.8)	ND (1.8)	2.1 J
COPPER	NE	ND (2.4)	ND (2.4)	6.8	6.2
IRON	NE	691	108	1,170	16,400
LEAD	NE	2.6 J	ND (1.8)	8.3 J	5.4
MAGNESIUM	NE	5,470	5,820	1,190	6,570
MANGANESE	NE	25.4	9.2	207	2,280
MERCURY	0.15	ND (.026)	ND (.026)	ND (.026)	ND (.026)
NICKEL	4,600	2.2 J	ND (2.3)	3.2	5.2
POTASSIUM	NE	1,930	2,240	1,990	9,640
SELENIUM	6,800	ND (1.2)	ND (1.2)	ND (1.2)	1.3 J
SILVER	65,000	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
SODIUM	NE	16,200	19,100	4,510	26,200
THALLIUM	6.3	ND (.33)	ND (.33)	ND (.33)	ND (.33)
VANADIUM	NE	2.5 J	ND (1.6)	2.7 J	2.5 J
ZINC	NE	19.2 J	25.6	52.8 J	40.8
HARDNESS AS CACO3		64,200	65,000	24,600	129,000