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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)	LSW-04 August 2001	LSW-04 November 2001	LSW-05 August 2001	LSW-05 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)	ND (2.4)
ARSENIC	0.14	ND (1.4)	ND (1.4)	5.6	ND (1.4)
BARIUM	NE	21.7	21.2	23.9	18.6
BERYLLIUM	0.13	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	170	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CALCIUM	NE	11,200	17,000	7,700	10,200
CHROMIUM	3,400	2.1 J	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	2770	327	3010	497
LEAD	NE	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)
MAGNESIUM	NE	3,230	5,430	2,630	4,110
MANGANESE	NE	295	366	507	226
MERCURY	0.15	ND (.026)	ND (.026)	ND (.026)	ND (.026)
NICKEL	4,600	10.2	ND (2.3)	ND (1.6)	ND (2.3)
POTASSIUM	NE	5,200	6,110	951	6,240
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	16,200	21,600	10,500	13,700
THALLIUM	6.3	ND (.33)	ND (.33)	ND (.33)	ND (.33)
VANADIUM	NE	2.4 J	ND (1.6)	ND (1.6)	ND (1.6)
ZINC	NE	13.2 J	6.0 J	7.7 J	9.5 J
Total Metals (ug/l)					
ALUMINUM	NE	11,300	1,830	615	315
ANTIMONY	4,300	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
ARSENIC	0.14	3.1 J	2.4 J	2.5 J	4.7 J
BARIUM	NE	196	33.3	23.6	44.6
BERYLLIUM	0.13	ND (3.2)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	170	ND (3.2)	ND (.64)	ND (.64)	ND (.64)
CALCIUM	NE	29,300	16,300	7,430	18,200
CHROMIUM	3,400	21.3	3.7	ND (1.7)	ND (1.7)
COBALT	NE	9.5 J	ND (1.8)	ND (1.8)	ND (1.8)
COPPER	NE	95.2	12.6	6.8	7.2
IRON	NE	25,100	4,640	4,630	3,210
LEAD	NE	163	50.4	12.5	10.8
MAGNESIUM	NE	12,600	5,540	2,840	4,100
MANGANESE	NE	6,470	380	247	1250
MERCURY	0.15	ND (.026)	ND (.026)	.057 J	ND (.026)
NICKEL	4,600	75.6	4.7 J	3.4 J	3.0 J
POTASSIUM	NE	144,000	5,420	958	5,730
SELENIUM	6,800	2.3 J	1.6 J	1.4 J	1.6 J
SILVER	65,000	ND (6.5)	ND (1.3)	ND (1.3)	ND (1.3)
SODIUM	NE	30,900	21,600	11,300	13,300
THALLIUM	6.3	ND (1.6)	ND (.33)	ND (.33)	ND (.33)
VANADIUM	NE	51.8	10.1	3.6 J	2.9 J
ZINC	NE	592	53.5	51	31.8
HARDNESS AS CACO3		199,000	71,500	37,600	50,800

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

Analyte	CT WQ Standards H H Criteria (organisms only)	RBSW-01 August 2001	RBSW-1 November 2001	RBSW-04 August 2001	RBSW-04 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)	ND (2.4)
ARSENIC	0.14	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
BARIUM	NE	20.8	15.7	19.7	19.7
BERYLLIUM	0.13	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	170	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CALCIUM	NE	15,100	15,600	15,800	16,400
CHROMIUM	3,400	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)
COBALT	NE	ND (1.8)	ND (1.8)	2.0 J	ND (1.8)
COPPER	NE	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
IRON	NE	75.1 J	202	105	1440
LEAD	NE	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)
MAGNESIUM	NE	4,210	4,340	4360	4560
MANGANESE	NE	475	230	372	500
MERCURY	0.15	.059 J	ND (.026)	.10 J	ND (.026)
NICKEL	4,600	ND (1.6)	ND (2.3)	ND (1.6)	ND (2.3)
POTASSIUM	NE	3,640	4,240	3,420	4,140
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	23,200	20,600	22,200	17,000
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	10.7 J	12.2 J	8.1 J	10.0 J
Total Metals (ug/l)					
ALUMINUM	NE	113 J	77.7 J	NA	NA
ANTIMONY	4,300	ND (2.4)	ND (2.4)	NA	NA
ARSENIC	0.14	ND (1.4)	1.6 J	NA	NA
BARIUM	NE	20.3	16.6	NA	NA
BERYLLIUM	0.13	ND (.64)	ND (.64)	NA	NA
CADMIUM	170	ND (.64)	ND (.64)	NA	NA
CALCIUM	NE	15,100	14,200	NA	NA
CHROMIUM	3,400	ND (1.7)	ND (1.7)	NA	NA
COBALT	NE	ND (1.8)	ND (1.8)	NA	NA
COPPER	NE	ND (2.4)	ND (2.4)	NA	NA
IRON	NE	992	661	NA	NA
LEAD	NE	ND (1.8)	2.3 J	NA	NA
MAGNESIUM	NE	4,400	4,100	NA	NA
MANGANESE	NE	429	287	NA	NA
MERCURY	0.15	ND (.026)	ND (.026)	NA	NA
NICKEL	4,600	ND (1.6)	ND (2.3)	NA	NA
POTASSIUM	NE	3,870	3,560	NA	NA
SELENIUM	6,800	ND (1.2)	1.2 J	NA	NA
SILVER	65,000	ND (1.3)	ND (1.3)	NA	NA
SODIUM	NE	22,000	19,900	NA	NA
THALLIUM	6.3	ND (.33)	ND (.33)	NA	NA
VANADIUM	NE	ND (1.6)	ND (1.6)	NA	NA
ZINC	NE	8.0 J	4.3 J	NA	NA
HARDNESS AS CACO3		57,100	58,100	66,900	61,800

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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-1 August 2001	RFI-1 November 2001	RFI-2 August 2001	RFI-2 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)	ND (2.4)
ARSENIC	0.14	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
BARIUM	NE	21.0	18.6	18.4	15.3
BERYLLIUM	0.13	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	170	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CALCIUM	NE	17,600	20,000	14,300	13,400
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	65.2 J	198	53.1 J	ND (38.0)
LEAD	NE	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)
MAGNESIUM	NE	5,630	6,880	4,660	5,130
MANGANESE	NE	75.0	119	77.5	28.6
MERCURY	0.15	.077 J	ND (.026)	ND (.026)	ND (.026)
NICKEL	4,600	1.6 J	ND (2.3)	ND (1.6)	ND (2.3)
POTASSIUM	NE	3,710	4,990	1,920	2,540
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	17,600	17,800	15,400	13,600
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	8.3 J	12.9 J	11.5 J	16.2 J
Total Metals (ug/l)					
ALUMINUM	NE	36.2 J	132 J	225	36.9 J
ANTIMONY	4,300	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
ARSENIC	0.14	ND (1.4)	1.7 J	ND (1.4)	ND (1.4)
BARIUM	NE	21.5	21.5	19.3	15.9
BERYLLIUM	0.13	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	170	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CALCIUM	NE	17,900	19,300	13,600	13,400
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)	3.0 J	ND (2.4)
IRON	NE	484	1,840	554	68.2 J
LEAD	NE	ND (1.8)	1.9 J	ND (1.8)	ND (1.8)
MAGNESIUM	NE	5,730	6,900	4,720	5,200
MANGANESE	NE	78.1	130	82.6	31.4
MERCURY	0.15	ND (.026)	ND (.026)	ND (.026)	ND (.026)
NICKEL	4,600	1.9 J	ND (2.3)	2.2 J	ND (2.3)
POTASSIUM	NE	3,570	4,520	1,970	2,270
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	19,000	18,900	14,200	14,500
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	18.6 J	10.4 J	20.7	12.8 J
HARDNESS AS CACO3		69,100	72,000	58,900	56,100