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Table 4
LSBP Groundwater Analytical Results
Metals
August and November 2001

Analyte	CT RSRs GWPC	MW-8S Aug 2001	MW-8S DUP Aug 2001	MW-8S Nov 2001	MW-8S DUP Nov 2001	MW-9R Aug 2001	MW-9R Nov 2001
Dissolved Metals (ug/l)							
ALUMINUM	NE	68.5 J	39.6 J	ND (32.0)	ND (32.0)	ND (32.0)	ND (32.0)
ANTIMONY	6.0	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4) J	ND (2.4)
ARSENIC	50.0	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4) J	ND (1.4)
BARIUM	1,000	15.2	14.4	13.9	13.8	38.0	21.1
BERYLLIUM	4.0	ND (.64)	ND (.64)	ND (.64)	ND (.64)	ND (.64) J	ND (.64)
CADMIUM	5.0	ND (.64)	6.9	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CALCIUM	NE	20,500	19,700	21,100	21,000	21,500	6,220
CHROMIUM	NE	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7) J	ND (1.7)
COBALT	NE	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)	2.4	ND (1.8)
COPPER	1,300	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
IRON	NE	ND (38.0)	ND (38.0)	ND (38.0)	ND (38.0)	3590	243
LEAD	15.0	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8) J	ND (1.8)
MAGNESIUM	NE	3,860	3,700	3,770	3,730	5,460	1,560
MANGANESE	NE	5.4	5.0	9.0	9.0	513	2.3
MERCURY	2.0	ND (.026)	ND (.026)	ND (.026)	ND (.026)	ND (.026) J	ND (.026)
NICKEL	100	ND (1.6)	ND (1.6)	ND (2.3)	ND (2.3)	ND (1.6) J	ND (2.3)
POTASSIUM	NE	2,840	2,920	3,200	3,120	3,050	4,870
SELENIUM	50.0	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2) J	ND (1.2)
SILVER	36.0	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
SODIUM	NE	29,200	28,200	30,800	29,900	8,600	24,800
THALLIUM	5.0	ND (.33)	ND (.33)	ND (.33)	ND (.33)	ND (.33)	ND (.33)
VANADIUM	50.0	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6) J	ND (1.6)
ZINC	5,000	9.2 J	4.8 J	23.1	23.9	4.7	ND (3.2)
Total Metals (ug/l)							
ALUMINUM	NE	108 J	101 J	81.1 J	80.4 J	ND (32.0)	53.0 J
ANTIMONY	6.0	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4) J	ND (2.4)
ARSENIC	50.0	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4) J	ND (1.4)
BARIUM	1,000	14.2	15.2	15.6	15.9	38.2	24.7
BERYLLIUM	4.0	ND (.64)	ND (.64)	ND (.64)	ND (.64)	ND (.64) J	ND (.64)
CADMIUM	5.0	ND (.64)	ND (.64)	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CALCIUM	NE	18,900	20,100	21,000	21,600	21,100	6,290
CHROMIUM	NE	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7) J	ND (1.7)
COBALT	NE	1.8 J	ND (1.8)	3.0 J	3.4 J	2.2	ND (1.8)
COPPER	1,300	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
IRON	NE	156	159	322	326	3,970	3920
LEAD	15.0	ND (9.0)	ND (1.8)	ND (1.8)	ND (1.8)	2.8	ND (1.8)
MAGNESIUM	NE	3,550	3,790	3,790	3,900	5,360	1,610
MANGANESE	NE	14.9	15.8	34.7	36.6	508	27.2
MERCURY	2.0	ND (.026)	ND (.026)	ND (.026)	ND (.026)	ND (.026) J	ND (.026)
NICKEL	100	ND (1.6)	ND (1.6)	ND (2.3)	ND (2.3)	ND (1.6) J	ND (2.3)
POTASSIUM	NE	2,630	2,770	3,230	3,270	3,040	4,930
SELENIUM	50.0	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
SILVER	36.0	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
SODIUM	NE	27,100	28,600	30,200	30,800	8,620	25,900
THALLIUM	5.0	ND (.33)	ND (.33)	ND (.33)	ND (.33)	ND (.33)	ND (.33)
VANADIUM	50.0	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6) J	ND (1.6)
ZINC	5,000	4.5 J	6.4 J	12.8 J	23.8	5.0	10.3 J

Table 4
LSBP Groundwater Analytical Results
Metals
August and November 2001

Analyte	CT RSRs GWPC	MW-9S Aug 2001	MW-9S Nov 2001	MW-10 Nov 2001	MW-11 Aug 2001	MW-11 Nov 2001
Dissolved Metals (ug/l)						
ALUMINUM	NE	ND (32.0)	ND (32.0)	ND (32.0)	39.9 J	ND (32.0)
ANTIMONY	6.0	ND (2.4) J	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
ARSENIC	50.0	ND (1.4) J	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
BARIUM	1,000	9.8	9.4	19.4	10.4	11.0
BERYLLIUM	4.0	ND (.64) J	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	5.0	ND (.64)	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CALCIUM	NE	8,940	9,520	25,900	30,500	32,000
CHROMIUM	NE	ND (1.7) J	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)
COBALT	NE	ND (1.8)	ND (1.8)	6.7	ND (1.8)	ND (1.8)
COPPER	1,300	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
IRON	NE	ND (38.0)	ND (38.0)	44.3 J	ND (38.0)	ND (38.0)
LEAD	15.0	ND (1.8) J	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)
MAGNESIUM	NE	3,060	3,280	2,760	13,400	14,700
MANGANESE	NE	1.6	.70 J	.73 J	18.4	22.2
MERCURY	2.0	ND (.026) J	ND (.026)	ND (.026)	ND (.026)	ND (.026)
NICKEL	100	ND (1.6) J	ND (2.3)	2.4 J	ND (1.6)	ND (2.3)
POTASSIUM	NE	1,750	2,280	3,670	4,160	4,920
SELENIUM	50.0	ND (1.2) J	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
SILVER	36.0	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
SODIUM	NE	6,570	7,970	6,440	12,800	13,000
THALLIUM	5.0	ND (.33)	ND (.33)	ND (.33)	ND (.33)	ND (.33)
VANADIUM	50.0	ND (1.6) J	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
ZINC	5,000	10.9	12.6 J	19.7 J	8.6 J	11.9 J
Total Metals (ug/l)						
ALUMINUM	NE	110	101 J	2,970	341	893
ANTIMONY	6.0	ND (2.4) J	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
ARSENIC	50.0	ND (1.4) J	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
BARIUM	1,000	10.6	9.7	39.1	22.6	18.3
BERYLLIUM	4.0	ND (.64) J	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	5.0	ND (.64)	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CALCIUM	NE	8,710	9,050	31,000	30,600	31,900
CHROMIUM	NE	ND (1.7) J	ND (1.7)	9.9	ND (1.7)	1.9 J
COBALT	NE	1.8	ND (1.8)	17.8	ND (1.8)	ND (1.8)
COPPER	1,300	ND (2.4)	ND (2.4)	17.4	3.7 J	6.2
IRON	NE	143	79.8 J	4,570	528	1,420
LEAD	15.0	ND (1.8)	ND (1.8)	7.6	4.9	ND (1.8)
MAGNESIUM	NE	3,070	3,220	3,840	13,600	14,400
MANGANESE	NE	4.4	2.7	64.7	1650	463
MERCURY	2.0	ND (.026) J	ND (.026)	ND (.026)	ND (.026)	ND (.026)
NICKEL	100	ND (1.6) J	ND (2.3)	6.1	2.5 J	2.7 J
POTASSIUM	NE	1,800	2,200	4,190	4,190	4,890
SELENIUM	50.0	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
SILVER	36.0	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
SODIUM	NE	6,580	7,470	5,420	12,900	12,400
THALLIUM	5.0	ND (.33)	ND (.33)	ND (.33)	ND (.33)	ND (.33)
VANADIUM	50.0	ND (1.6) J	ND (1.6)	11.0	2.2 J	3.1 J
ZINC	5,000	9.8	12.3 J	23.3	11.5 J	14.0 J

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Table 4
LSBP Groundwater Analytical Results
Metals
August and November 2001

Analyte	CT RSRs GWPC	MW-12 Aug 2001	MW-12 Nov 2001	MW-13D Nov 2001	MW-13S Nov 2001	MW-14S Nov 2001
Dissolved Metals (ug/l)						
ALUMINUM	NE	43.6 J	ND (32.0)	ND (32.0)	ND (32.0)	566
ANTIMONY	6.0	2.4 J	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
ARSENIC	50.0	ND (1.4)	ND (1.4)	ND (1.4)	50.7	4.9 J
BARIUM	1,000	11.0	13.8	35.4	86.6	46
BERYLLIUM	4.0	ND (.64)	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	5.0	ND (.64)	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CALCIUM	NE	29,500	29,700	28,300	38,300	28,500
CHROMIUM	NE	ND (1.7)	ND (1.7)	ND (1.7)	2.3 J	2.8 J
COBALT	NE	ND (1.8)	ND (1.8)	ND (1.8)	2.0 J	2.0 J
COPPER	1,300	4.6	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
IRON	NE	ND (38.0)	96.0 J	ND (38.0)	18100	4790
LEAD	15.0	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)
MAGNESIUM	NE	11,700	11,700	3,030	7,510	34,200
MANGANESE	NE	10.2	64.4	264	757	294
MERCURY	2.0	ND (.026)	ND (.026)	ND (.026)	ND (.026)	ND (.026)
NICKEL	100	3.2 J	4.0 J	ND (2.3)	4.4 J	2.5 J
POTASSIUM	NE	2,280	2,930	6,630	6,700	11,100
SELENIUM	50.0	ND (1.2)	ND (1.2)	ND (1.2)	1.5 J	1.3 J
SILVER	36.0	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
SODIUM	NE	13,200	13,000	136,000	109,000	49,500
THALLIUM	5.0	ND (.33)	ND (.33)	ND (.33)	ND (.33)	ND (.33)
VANADIUM	50.0	ND (1.6)	ND (1.6)	ND (1.6)	16	5.8
ZINC	5,000	12.4 J	10 J	7.6 J	7.7 J	8.9 J
Total Metals (ug/l)						
ALUMINUM	NE	85.2 J	1,950	550	3,030	3,520
ANTIMONY	6.0	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)
ARSENIC	50.0	ND (1.4)	1.9 J	ND (1.4)	54.2	6.1
BARIUM	1,000	11.3	24.2	39.9	103	57.4
BERYLLIUM	4.0	ND (.64)	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CADMIUM	5.0	ND (.64)	ND (.64)	ND (.64)	ND (.64)	ND (.64)
CALCIUM	NE	29,300	28,800	27,500	37,600	28,500
CHROMIUM	NE	ND (1.7)	2.8 J	ND (1.7)	7.4	6.2
COBALT	NE	ND (1.8)	ND (1.8)	ND (1.8)	4.9	3.3 J
COPPER	1,300	5.1	3.9 J	2.4 J	13.0	9.1
IRON	NE	132	3,320	780	22,800	6,720
LEAD	15.0	8.0	ND (1.8)	ND (1.8)	2.1 J	2.8 J
MAGNESIUM	NE	11,700	12,100	3,130	8,180	34,700
MANGANESE	NE	13.6	108	273	792	309
MERCURY	2.0	ND (.026)	ND (.026)	ND (.026)	ND (.026)	ND (.026)
NICKEL	100	2.6 J	7.4	ND (2.3)	9.1	5
POTASSIUM	NE	2,230	3,480	6,660	7,240	11,300
SELENIUM	50.0	ND (1.2)	ND (1.2)	ND (1.2)	1.7 J	1.7 J
SILVER	36.0	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
SODIUM	NE	13,300	12,200	131,000	105,000	49,800
THALLIUM	5.0	ND (.33)	ND (.33)	ND (.33)	ND (.33)	ND (.33)
VANADIUM	50.0	ND (1.6)	6.1	ND (1.6)	24.5	11
ZINC	5,000	13.3 J	10.2 J	4.7 J	23.6	17.2 J