

APPENDIX G: Water Quality Data from Production Wells and Surface Water

Constituent	Detection Level	Lk Mary	Well 1	Well 6	Well 10	Well 15	Well 16	Well 17	Well 18	Well 20	Well 25
TDS (total dissolved solids)	N/A	30	160	290	280	200	360	270	370	200	140
SC (specific conductance)	N/A	52	210	420	430	300	550	410	560	290	210
Iron	0.1	ND	ND	0.47	0.39	ND	2.0	0.1	1.7	0.8	0.03
Manganese	N/A	ND	ND	0.39	0.33	ND	0.59	0.06	0.57	0.076	0.041
Chloride	N/A		1.5	1.0	1.0	1.3	1.9	3.6	1.4	1.4	
Sulfate	0.0005	2.8	7.2	42	24	9.1	12	8.6	18	4.6	7.2
Sodium	N/A	1.1	17	18	27	25	55	42	45	26	16
pH	N/A	7.4	7.5	7.6	7.5	7.6	7.2	7.5	7.3	7.2	7.4
Calcium	N/A	7.4	6	20	20	5.6	22	17	23	11	
Arsenic	0.002	ND	ND	0.034	0.006	0.007	0.028	0.056	0.014	0.004	0.004
Barium	0.1	ND	ND	ND	ND	ND	0.11	ND	ND	ND	ND
Fluoride	0.0001	ND	0.4	0.2	0.2	0.5	0.5	0.5	0.4	0.5	0.2
Lead	0.005	ND	ND	0.013	ND	ND	ND	ND	ND	ND	ND
Gross Alpha (Radioactive) pCi/L	N/A	1.06	0.83	0.4	0.5	1.3	2.29	0.745	1.84	1.04	ND
Propochlor	N/A	ND	ND	0.0011	ND	ND		ND	ND	ND	ND
Methylene Chloride	0.0005	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND
Vanadium	0.003	ND	0.015	0.003	0.004	0.015	ND	ND	ND	ND	ND
Boron	0.1	ND	ND	ND	ND	0.19	ND	ND	ND	ND	ND
MTBE	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrogen	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Note: All units in mg/L; ND= non detect