

## Q2 Lee Ranch Groundwater Analytical

Second Quarter 2015

Lab	Summit	Summit	Summit	Summit	Summit	Summit	Summit
Location	PDL-4	Dr. Arroyo	Pit 8 Wells	PDL-2	PDL-3	PDL-5	San Miguel
Work Order	15042405	15042405	15042405	15042405	15042405	15042405	15042405
Lab ID	1	2	3	4	5	6	7
Date Sampled	4/21/2015	4/21/2015	4/21/2015	4/21/2015	4/21/2015	4/21/2015	4/21/2015
Dissolved Silver	ND	ND	ND	ND	ND	ND	ND
Hydroxide Alkalinity	< 10	< 10	< 10	12.6	10.1	< 10	< 10
Carbonate Alkalinity	< 10	< 10	< 10	12.6	10.1	< 10	< 10
Bicarbonate Alkalinity	214	203	241	227	247	246	91.7
Total Alkalinity	214	203	241	227	247	246	91.7
Dissolved Aluminum	ND	ND	ND	ND	ND	ND	ND
Dissolved Arsenic	ND	ND	ND	ND	ND	ND	ND
Dissolved Barium	0.16	0.11	0.17	0.12	0.1	ND	ND
Dissolved Calcium	3.5	1.9	7.9	2.2	2.09	48	19.3
Dissolved Cadmium	ND	ND	ND	ND	ND	ND	ND
Dissolved Cobalt	ND	ND	ND	ND	ND	ND	ND
Chloride	2	1.4	2.7	1.4	5.5	3.4	8.21
Dissolved Chromium	ND	ND	ND	ND	ND	ND	18.8
Dissolved Copper	ND	ND	ND	ND	ND	ND	ND
Dissolved Iron	ND	ND	0.15	ND	ND	ND	ND
Fluoride	0.94	0.56	0.65	0.84	0.69	0.6	0.31
Total Mercury	ND	ND	ND	ND	ND	ND	ND
Dissolved Potassium	1.4	1.2	2.3	1.05	1.08	3.3	3.2
Dissolved Magnesium							
Dissolved Molybdenum	ND	ND	ND	ND	ND	ND	ND
Dissolved Manganese	ND	ND	ND	ND	ND	0.058	ND
Dissolved Nickel	ND	ND	ND	ND	ND	ND	ND
Dissolved Sodium	97	79	95	100	110	85	9.6
Dissolved Nitrogen, Nitrat	1.2	1.7	0.9	1.5	1.5	1.6	ND
Dissolved Lead	ND	ND	ND	ND	ND	ND	ND
pH	8.05	8.03	7.48	8.29	8.27	7.4	7.62
Dissolved Selenium	ND	ND	ND	ND	ND	ND	ND
Sulfate	12.2	7.4	6.2	12.9	14.9	136	2.3
Total Dissolved Solids	382	302	362	376	448	158	158
Dissolved Vanadium	ND	ND	ND	ND	ND	ND	ND
Total Cyanide	ND	ND	ND	ND	ND	ND	ND
Dissolved Zinc	ND	0.02	ND	0.0318	0.025	ND	0.0369
Manganese	ND	ND	0.102	ND	ND	0.0307	ND
Magnesium	0.86	0.27	1.1	0.39	0.41	33	7.6
Iron	ND	ND	0.15	ND	ND	ND	0.22
Sodium							
Calcium							
Dissolved Boron	0.11	0.076	0.09	0.11	0.092	0.13	ND
SAR	12	14.8	8.46	17	19.1	2.33	0.47
Specific Conductivity	444	371	450	479	794	176	176
Total Phenols	ND	ND	ND	ND	ND	ND	ND