

Table 2 GroundWater Analytical

Table 2
First Quarter 2019 El Segundo Groundwater Analytical

Location	KPL-6	KPL5	Gallup	SJ-120	Daltion	Eastside	Plant Well
Order	S1903276	S1903276	S1903276	S1903276	S1903276	S1903276	S1903276
Lab ID	S1903276-001	S1903276-001	S1903276-001	S1903276-001	S1903276-001	S1903276-001	S1903276-001
Date Sampled	3/20/19	3/20/19	3/20/19	3/20/19	3/20/19	3/20/19	3/20/19
Date Received	3/22/19	3/22/19	3/22/19	3/22/19	3/22/19	3/22/19	3/22/19
Sample ID	KPL-6	KPL5	Gallup	SJ-120	Daltion	Eastside	Plant Well
Units	Analyte	Result	Result	Result	Result	Result	Result
s.u.	pH	8.8	9.1	8.5	8.5	8.3	8.5
mg/L	Total Dissolved Solids (TDS)	1170	780	1140	750	1700	1510
mg/L	Total Alkalinity (as CaCO ₃)	474	479	203	274	227	197
mg/L	Nitrate Nitrogen (As N)	ND	ND	ND	ND	ND	ND
mg/L	Total Cyanide	512	475	232	313	268	227
mg/L	Bicarbonate as HCO ₃	33	54	8	11	ND	6
mg/L	Carbonate as CO ₃	20	8	10	7	10	13
mg/L	Chloride	0.7	0.8	0.4	0.6	0.2	0.3
mg/L	Fluoride	ND	ND	ND	ND	ND	ND
mg/L	Sulfate	397	162	590	301	968	816
mg/L	Calcium	5	3	26	45	111	35
mg/L	Magnesium	1	2	13	32	81	17
mg/L	Potassium	4	3	5	4	7	6
mg/L	Sodium	429	297	343	158	282	432
mg/L	Dissolved Arsenic	ND	ND	0.005	ND	ND	ND
mg/L	Dissolved Barium	ND	ND	ND	ND	ND	ND
mg/L	Dissolved Cadmium	ND	ND	ND	ND	ND	ND
mg/L	Dissolved Chromium	ND	ND	ND	ND	ND	ND
mg/L	Dissolved Copper	ND	ND	ND	ND	ND	ND
mg/L	Dissolved Iron	ND	ND	ND	ND	ND	ND
mg/L	Dissolved Lead	ND	ND	ND	ND	ND	ND
mg/L	Dissolved Manganese	ND	ND	0.06	0.05	0.07	0.08
mg/L	Dissolved Selenium	ND	ND	ND	ND	ND	ND
mg/L	Dissolved Silver	ND	ND	ND	ND	ND	ND
mg/L	Dissolved Zinc	0.05	0.02	0.05	0.02	ND	0.02
mg/L	Total Mercury	ND	ND	ND	ND	ND	ND

Location	KPL-6	KPL5	Gallup	SJ-120	Daltion	Eastside	Plant Well
Order	S1906209	S1906209	S1906209	S1906209	S1906209	S1906209	S1906209
Lab ID	S1906209-001	S1906209-001	S1906209-001	S1906209-001	S1906209-001	S1906209-001	S1906209-001
Date Sampled	6/11/19	6/11/19	6/11/19	6/11/19	6/11/19	6/11/19	6/11/19
Date Received	6/13/19	6/13/19	6/13/19	6/13/19	6/13/19	6/13/19	6/13/19
Sample ID	KPL-6	KPL5	Gallup	SJ-120	Daltion	Eastside	Plant Well
Units	Analyte	Result	Result	Result	Result	Result	Result
s.u.	pH	8.9	9.3		8.4	8.3	8.5
mg/L	Total Dissolved Solids (TDS)	1130	770		760	1670	1460
mg/L	Total Alkalinity (as CaCO ₃)	468	499		275	225	198
mg/L	Nitrate Nitrogen (As N)	ND	ND		ND	ND	ND
mg/L	Total Cyanide	ND	ND		ND	ND	ND
mg/L	Bicarbonate as HCO ₃	498	458		319	268	230
mg/L	Carbonate as CO ₃	36	75		8	ND	6
mg/L	Chloride	21	9		8	12	15
mg/L	Fluoride	0.7	0.8		0.6	0.1	0.3
mg/L	Sulfate	389	159		302	921	794
mg/L	Calcium	5	2		45	112	35
mg/L	Magnesium	1	2		32	77	17
mg/L	Potassium	4	3		4	9	7
mg/L	Sodium	427	295		156	287	426
mg/L	Dissolved Arsenic	ND	ND		ND	ND	ND
mg/L	Dissolved Barium	ND	ND		ND	ND	ND
mg/L	Dissolved Cadmium	ND	ND		ND	ND	ND
mg/L	Dissolved Chromium	ND	ND		ND	ND	ND
mg/L	Dissolved Copper	ND	ND		ND	ND	ND
mg/L	Dissolved Iron	ND	ND		ND	ND	ND
mg/L	Dissolved Lead	ND	ND		ND	ND	ND

Table 2 GroundWater Analytical

mg/L	Dissolved Manganese	ND	ND	0.08	0.08	0.06	0.10
mg/L	Dissolved Selenium	ND	ND	ND	ND	ND	ND
mg/L	Dissolved Silver	ND	ND	ND	ND	ND	ND
mg/L	Dissolved Zinc	0.04	ND	ND	ND	ND	0.02
mg/L	Total Mercury	ND	ND	ND	ND	ND	ND

Location		KPL-6	KPL5	Gallup	SJ-120	Daltion	Eastside	Plant Well
Book Order		S1909347	S1909347	S1909347	S1909347	S1909347	S1909347	S1909347
Lab ID		S1909347-001	S1909347-001	S1909347-001	S1909347-001	S1909347-001	S1909347-001	S1909347-001
Date Sampled		9/17/19	9/17/19	9/17/19	9/17/19	9/17/19	9/17/19	9/17/19
Date Received		9/23/19	9/23/19	9/23/19	9/23/19	9/23/19	9/23/19	9/23/19
SampleID		KPL-6	KPL5	Gallup	SJ-120	Daltion	Eastside	Plant Well
Units	Analyte	Result	Result	Result	Result	Result	Result	Result
s.u.	pH	8.8	8.9	8.6	8.5	8.8	8.6	
mg/L	Total Alkalinity (as CaC	485	507	248	244	230	203	
mg/L	Total Cyanide	ND	ND	ND	ND	ND	ND	
mg/L	Bicarbonate as HCO3	532	552	286	280	257	231	
mg/L	Carbonate as CO3	29.4	32.7	8.44	8.62	11.8	8.07	
mg/L	Chloride	17.8	8.31	13	10.6	11.3	12.9	
mg/L	Fluoride	0.662	0.843	0.313	0.151	0.354	0.298	
mg/L	Nitrate-Nitrite Nitrogen	0.238	ND	ND	ND	ND	ND	
mg/L	Sulfate	369.0	185.0	782.0	962.0	624.0	782.0	
mg/L	Calcium	8.02	7.9	36.9	121	14.6	37.5	
mg/L	Magnesium	2.33	4.42	17.9	86.6	6.44	18.1	
mg/L	Potassium	3.98	2.87	5.22	6.18	3.75	5.01	
mg/L	Sodium	446	325	461	310	446	486	
mg/L	Dissolved Arsenic	ND	ND	ND	ND	ND	ND	
mg/L	Dissolved Barium	ND	ND	ND	ND	ND	ND	
mg/L	Dissolved Cadmium	ND	ND	ND	ND	ND	ND	
mg/L	Dissolved Chromium	ND	ND	ND	ND	ND	ND	
mg/L	Dissolved Copper	ND	ND	ND	ND	ND	ND	
mg/L	Dissolved Iron	ND	ND	ND	ND	ND	ND	
mg/L	Dissolved Lead	ND	ND	ND	ND	ND	ND	
mg/L	Dissolved Manganese	ND	ND	0.0932	0.0806	ND	0.104	
mg/L	Dissolved Selenium	ND	ND	ND	ND	ND	ND	
mg/L	Dissolved Silver	ND	ND	ND	ND	ND	ND	
mg/L	Dissolved Zinc	0.172	0.0286	ND	ND	ND	ND	
mg/L	Total Mercury	ND	ND	ND	ND	ND	ND	

Location		KPL-6	KPL5	Gallup	SJ-120	Daltion	Eastside	Plant Well
Book Order		S1911081	S1911081	S1911081	S1911081	S1911081	S1911081	S1911081
Lab ID		S1911081-001	S1911081-001	S1911081-001	S1911081-001	S1911081-001	S1911081-001	S1911081-001
Date Sampled		11/5/19	11/5/19	11/5/19	11/5/19	11/5/19	11/5/19	11/5/19
Date Received		11/7/19	11/7/19	11/7/19	11/7/19	11/7/19	11/7/19	11/7/19
SampleID		KPL-6	KPL5	Gallup	SJ-120	Daltion	Eastside	Plant Well
Units	Analyte	Result	Result	Result	Result	Result	Result	Result
s.u.	pH	8.7	8.6	8.4	8.3	8.6	8.5	
mg/L	Total Dissolved Solids	1240	820	1490	1780	1270	1510	
mg/L	Total Alkalinity (as CaC	480	466	201	242	227	203	
mg/L	Nitrate Nitrogen (As N)	0.4	ND	ND	ND	ND	ND	
mg/L	Total Cyanide	0.02	0.02	0.02	0.02	0.02	0.02	
mg/L	Bicarbonate as HCO3	549	533	238	292	263	239	
mg/L	Carbonate as CO3	18	18	ND	ND	7	ND	
mg/L	Chloride	21	9	15	12	12	15	
mg/L	Fluoride	0.7	0.9	0.3	0.2	0.4	0.3	
mg/L	Sulfate	408	213	803	954	630	807	
mg/L	Calcium	8	6	35	117	13	36	
mg/L	Magnesium	4	2	17	82	6	17	
mg/L	Potassium	3	3	5	6	3	5	
mg/L	Sodium	308	450	428	302	410	441	
mg/L	Dissolved Arsenic	ND	ND	ND	ND	ND	ND	
mg/L	Dissolved Barium	ND	ND	ND	ND	ND	ND	
mg/L	Dissolved Cadmium	ND	ND	ND	ND	ND	ND	
mg/L	Dissolved Chromium	ND	ND	ND	ND	ND	ND	

Table 2 GroundWater Analytical

mg/L	Dissolved Copper	ND	ND	d	ND	ND	ND	ND
mg/L	Dissolved Iron	ND	ND	o	ND	ND	ND	ND
mg/L	Dissolved Lead	ND	ND	n	ND	ND	ND	ND
mg/L	Dissolved Manganese	ND	ND	e	0.09	0.08	0.05	0.11
mg/L	Dissolved Selenium	ND	0.001	d	0.003	ND	0.001	ND
mg/L	Dissolved Silver	ND	ND		ND	ND	ND	ND
mg/L	Dissolved Zinc	ND	0.12		ND	ND	ND	ND
mg/L	Total Mercury	ND	ND		ND	ND	ND	ND