

First Quarter 2016

Location	Lab	Lab					
		SJ-120	Gallup	Dalton	East Side Well	KPL-4	KPL-5
Work Order		S1603193	S1603193	S1603193	S1603193	S1603193	S1603193
Lab ID		S1603193-004	S1603193-003	S1603193-005	S1603193-0026	S1603193-001	S1603193-002
Date Sampled		3/8/2016	3/8/2016	3/8/2016	3/8/2016	3/8/2016	3/8/2016
Dissolved Silver	mg/L	ND	ND	ND	ND	ND	ND
Hydroxide Alkalinity	mg/L as CaCO3						
Carbonate Alkalinity	mg/L as CaCO3	5	7	ND	9	18	60
Bicarbonate Alkalinity	mg/L as CaCO3	280	241	302	257	608	454
Total Alkalinity	mg/L as CaCO3	238	209	247	225	529	471
Dissolved Arsenic	mg/L	ND	ND	ND	ND	ND	ND
Dissolved Barium	mg/L	ND	ND	ND	ND	ND	ND
Dissolved Calcium	mg/L	36	26	113	14	ND	3
Dissolved Cadmium	mg/L	ND	ND	ND	ND	18	ND
Chloride	mg/L	9	10	10	11	4	8
Dissolved Chromium	mg/L	ND	ND	ND	ND	ND	0.01
Dissolved Copper	mg/L	ND	ND	ND	ND	ND	0.01
Dissolved Iron	mg/L	ND	ND	ND	ND	ND	0.05
Fluoride	mg/L	0.5	0.4	0.2	0.3	0.3	0.1
Total Mercury	mg/L	ND	0.001	ND	ND	ND	ND
Dissolved Potassium	mg/L	4	5	7	4	5	3
Dissolved Magnesium	mg/L	24	13	87	7	8	2
Dissolved Manganese	mg/L	0.05	0.06	0.07	0.05	0.03	ND
Dissolved Sodium	mg/L	259	323	270	395	340	280
Nitrate-N	mg/L	ND	ND	ND	ND	0.2	ND
Dissolved Lead	mg/L	ND	ND	ND	ND	ND	ND
pH	s.u.	8.4	8.5	8.3	8.6	8.5	9.2
Dissolved Selenium	mg/L	ND	ND	ND	ND	ND	ND
Sulfate	mg/L	473	557	947	643	282	162
Total Dissolved Solids	mg/L	1030	1130	1720	1240	1010	760
Total Cyanide	mg/L	ND	ND	ND	ND	ND	ND
Dissolved Zinc	mg/L	0.04	0.09	0.02	ND	1.29	0.02





Dissolved Iron	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	0.07
Dissolved Lead	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dissolved Manganese	mg/L	<0.02	<0.02	0.05	0.08	0.06	<0.02
Dissolved Selenium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dissolved Silver	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Dissolved Zinc	mg/L	1.12	0.02	0.11	0.04	<0.01	<0.01
Total Aluminum	mg/L	0.15	<0.04	0.08	<0.04	0.06	2.83
Total Mercury	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

\* Orphan Annie was not running at the time of sampling

#### Fourth Quarter 2016

Location		KPL4	KPL5	Gallup	SJ-120	Daltion	Eastside
Work Order		S1611056	S1611057	S1611058	S1611059	S1611060	S1611061
Lab ID		S1611056-001	S1611056-002	S1611056-003	S1611056-004	S1611056-005	S1611056-006
Date sampled		11/3/16	11/3/16	11/3/16	11/3/16	11/3/16	11/3/16
pH	s.u.	8.5	9.2	8.4	8.3	8.2	8.5
Total Dissolved Solids (180)	mg/L	890	770	1100	760	1760	1280
Total Alkalinity (as CaCO3)	mg/L	432	458	203	313	238	225
Nitrate Nitrogen (As N)	mg/L	0.2	ND	ND	ND	ND	0.1
Total Cyanide	mg/L	ND	ND	ND	ND	ND	ND
Bicarbonate as HCO3	mg/L	502	419	245	382	290	262
Carbonate as CO3	mg/L	12	69	ND	ND	ND	6
Chloride	mg/L	4	8	10	7	11	12
Fluoride	mg/L	0.3	0.9	0.4	0.7	0.2	0.4
Sulfate	mg/L	255	154	546	294	999	637
Calcium	mg/L	21	2	25	43	97	14
Magnesium	mg/L	11	2	12	32	69	7
Potassium	mg/L	4	3	4	3	4	4
Sodium	mg/L	282	286	323	155	221	405
Dissolved Arsenic	mg/L	ND	ND	ND	ND	ND	ND
Dissolved Barium	mg/L	ND	ND	ND	ND	ND	ND

Dissolved Cadmium	mg/L	ND	ND	ND	ND	ND	ND
Dissolved Chromium	mg/L	ND	ND	ND	ND	ND	ND
Dissolved Copper	mg/L	ND	ND	ND	ND	ND	ND
Dissolved Iron	mg/L	ND	ND	ND	ND	ND	0.11
Dissolved Lead	mg/L	ND	ND	ND	ND	ND	ND
Dissolved Manganese	mg/L	0.03	ND	0.06	0.06	0.07	0.04
Dissolved Selenium	mg/L	ND	ND	ND	ND	ND	ND
Dissolved Silver	mg/L	ND	ND	ND	ND	ND	ND
Dissolved Zinc	mg/L	1.29	0.01	0.07	0.04	ND	0.03
Total Mercury	mg/L	ND	ND	ND	ND	ND	ND

\* Orphan Annie was not running at the time of sampling