

Sep-11

GENERAL MINERAL ANALYSIS

Constituant	GENERAL MINERAL ANALYSIS														FLOW WEIGHTED AVERAGE	
	#2 Bundeson	#4 South	#5 Nash	#6 Airline	Cienega Well 1	Cienega Well 2	Lessalt	Sunny #2	Sunny #5	Sunny #7	Sunny #8	Sunny #11	SBF			
% Flow/100	0.16	0.13	0.09	0.04	0.02	0.00	0.41	0.03	0.01	0.03	0.01	0.08	0.00	1.0		
Alkalinity	320	350	320	220	78	75	250	220	300	300	300	300	350	281 mg/l	Alkalinity	
Bicarbonate	400	430	390	270	95	82	250	270	300	300	300	300	350	315 mg/l	Bicarbonate	
Boron	0.85	0.85	0.72	0.88	ND	ND	0.14	0.85	1	0.8	0.76	ND	0.92	0 mg/l	Boron	
Calcium	55	60	65	52	27	25	18	50	67	64	75	26	71	39 mg/l	Calcium	
Carbonate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND mg/l	Carbonate	
Chloride	110	110	120	86	21	20	73	100	120	100	130	21	130	86 mg/l	Chloride	
Hardness	383	468	494	295	90	83	87	363	377	373	394	88	538	251 mg/l	Hardness	
Iron	ND	ND	ND	0.12	ND	0.13	ND	ND	ND	ND	ND	ND	ND	0.01 mg/l	Iron	
Magnesium	60	77	81	40	5.6	5.2	10	58	51	52	50	5.5	87	37 mg/l	Magnesium	
Nitrate	17	23	36	11	13	11	2.5	9.5	12	25	13	13	30	13 mg/l	Nitrate	
pH	7.96	7.76	7.88	7.86	7.06	7.2	8.27	7.87	7.76	7.77	7.1	7.18	7.78	7.96 STD	pH	
Sodium	110	110	110	99	17	17	46	110	110	99	92	17	130	74 mg/l	Sodium	
EC	1300	1400	1400	1100	260	240	460	1200	1200	1200	1300	270	1600	866 umhos/cm	EC	
Sulfate	240	240	260	180	17	16	37	230	190	220	190	17	320	134 mg/l	Sulfate	
TDS	840	910	940	660	190	170	260	780	810	830	820	190	1000	550 mg/l	TDS	
Manganese	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND mg/l	Manganese	
Potassium	2.8	2.9	3.1	3.3	ND	ND	2.9	3.1	3	3.2	2.7	ND	3.4	3 mg/l	Potassium	

NOTES

ND = Non Detect or less than detection level

For Calculations

Flow (million gallons)

Flow to COH	204.7	168.7	111.9	50.9	26.2	519.0	38.5	9.6	38.5	9.6	96.3	0.0	Total	1273.9
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