

**TECHNICAL REVIEWED DATA VALIDATION-QUALIFIED LABORATORY ANALYTICAL RESULTS
FOR GEL LABORATORIES LLC REPORT NO. 219562**

Sample Designation:	OK001-SW-111108	OK002-SW-111108	OK013-SW-111108	OK014-SW-111108	OK014-SW-111108D
Sample Collection Date:	11/11/2008	11/11/2008	11/11/2008	11/11/2008	11/11/2008
Description:					Field Duplicate
Dissolved Metals (µg/L)					
Aluminum	2330	1030	3660	5440	5010
Cadmium	9.9	1.8	1.3	1.2	1.0
Calcium	61900	34800	127000	77000	78400
Copper	3510	486	225	264	271
Iron	501	97100	212000	81900	88700
Magnesium	6750 J	7390 J	19100 J	12800 J	13400 J
Manganese	2430	1400	3440	2480	2540
Nickel	47.2	13.5	20.1	14.7	13.7
Zinc	1660	1110	841	611	604
Total Metals (µg/L)					
Aluminum	2390	1260	4970	5550	5580
Cadmium	9.0	1.5	1.1	0.940 J	0.940 J
Calcium	59300	30900	117000	71900	76900
Copper	3530	453	205	241	241
Iron	920	114000	291000	98600	102000
Magnesium	5180	5400	15700	10500	10000
Manganese	2540	1530	3410	2550	2660
Nickel	45.7	13.2	20.1	14.3	14.3
Zinc	1580	1090	845	578	585
Wet Chemistry Parameters (mg/L)					
Total Dissolved Solids	317	530	1340	744	737
Total Suspended Solids	1.62 J	20.4	142	3.61 J	2.38 J
Chloride	0.767	0.736	0.741	0.656	0.645
Sulfate	204 J-	294 J-	1070 J-	684 J-	678 J-
Acidity	38.0	210	582	347	349
Alkalinity, Total as CaCO ₃	0.725 U	0.725 U	0.725 U	0.725 U	0.725 U

Notes:

µg/L = Micrograms per liter

mg/L = Milligrams per liter

J = The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.

J- = The analyte was positively identified; the associated value is the approximate concentration of the analyte and biased low in the sample.

U = The analyte was analyzed for, but was not detected at or above the associated value.

UJ = The analyte was analyzed for, but was not detected at or above the associated value, which is considered approximate due to deficiencies in one or more quality control criteria.

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Sample Designation:	OK015-SW-111108	OK016-SW-111108A	OK016-SW-111108B	OK016-SW-111108C	OK017-SW-111108
Sample Collection Date:	11/11/2008	11/11/2008	11/11/2008	11/11/2008	11/11/2008
Description:					
Dissolved Metals (µg/L)					
Aluminum	15.9	102	283	263	229
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Calcium	2870	5260	7230	6600	6420
Copper	0.79 U	6.9	14.2	12.4	11.9
Iron	62.1	202	171	181	109
Magnesium	1080 J	1660 J	1810 J	1780 J	1890 J
Manganese	5.3	85.2	151	133	132
Nickel	0.50 U	1.5 J	1.1 J	0.950 J	0.980 J
Zinc	3.9 U	21.8	39.3	33.8	30
Total Metals (µg/L)					
Aluminum	36.2	184	356	301	263
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Calcium	2590	4200	6010	5530	5240
Copper	0.810 U	6.7	13.7	11.6	11
Iron	116	2570	5400	4760	2780
Magnesium	879	1140	1390	1370	1250
Manganese	8.1	72	146	123	117
Nickel	0.50 U	0.580 J	0.980 J	0.980 J	0.880 J
Zinc	2.3 U	16.4	33.4	29.3	24.5
Wet Chemistry Parameters (mg/L)					
Total Dissolved Solids	27.0	36.0	57.0	52.0	60.0
Total Suspended Solids	0.570 U	6.86	11.1	8.82	8.48
Chloride	2.93	2.85	2.86	2.85	2.65
Sulfate	3.35 J-	17.5 J-	36.9 J-	32.2 J-	26.8 J-
Acidity	10.0 U	10.1 U	20.3	15.2	10.1
Alkalinity, Total as CaCO ₃	9.51	1.59 U	0.725 U	0.725 U	0.725 U

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