



**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing**



Oilfield Environmental & Compliance Inc. (OEC)

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Certificate No. 2438
Expiration Date 10/31/2019
INTERIM

Field of Testing: 101 - Microbiology of Drinking Water

101.010	001	Heterotrophic Plate Count	SM 9215 B
101.020	004	Total Coliform (Enumeration)	SM 9221 B,C
101.020	005	Fecal Coliform (Enumeration)	SM 9221 B,E
101.050	001	Total Coliform P/A	SM 9223 B (Colilert)
101.050	002	E. coli P/A	SM 9223 B (Colilert)
101.050	003	Total Coliform (Enumeration)	SM 9223 B (Colilert)
101.050	004	E. coli (Enumeration)	SM 9223 B (Colilert)
101.050	005	Total Coliform P/A	SM 9223 (Colilert 18)
101.050	006	E. coli P/A	SM 9223 (Colilert 18)
101.050	007	Total Coliform (Enumeration)	SM 9223 (Colilert 18)
101.050	008	E. coli (Enumeration)	SM 9223 (Colilert 18)
101.170	001	Enterococci	Enterolert

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

102.015	001	Hydrogen Ion (pH)	EPA 150.1
102.020	001	Turbidity	EPA 180.1
102.026	001	Calcium	EPA 200.7
102.026	002	Magnesium	EPA 200.7
102.026	003	Potassium	EPA 200.7
102.026	004	Silica	EPA 200.7
102.026	005	Sodium	EPA 200.7
102.026	006	Hardness (Calculation)	EPA 200.7
102.030	001	Bromide	EPA 300.0
102.030	003	Chloride	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	006	Nitrate (as N)	EPA 300.0
102.030	007	Nitrite (as N)	EPA 300.0
102.030	008	Phosphate, Ortho (as P)	EPA 300.0
102.030	009	Sulfate (as SO ₄)	EPA 300.0
102.095	001	Turbidity	SM 2130 B-2001
102.100	001	Alkalinity	SM 2320 B-1997
102.120	001	Hardness (Calculation)	SM 2340 B-1997
102.121	001	Hardness	SM 2340 C-1997
102.130	001	Specific Conductance	SM 2510 B-1997
102.140	001	Residue, Filterable TDS	SM 2540 C-1997
102.147	001	Calcium	SM 3120 B-1999
102.147	002	Magnesium	SM 3120 B-1999
102.147	003	Potassium	SM 3120 B-1999
102.147	004	Silica	SM 3120 B-1999

102.147	006	Hardness (Calculation)	SM 3120 B-1999
102.150	001	Chloride	SM 4110 B-2000
102.150	002	Fluoride	SM 4110 B-2000
102.150	003	Nitrate (as N)	SM 4110 B-2000
102.150	004	Nitrite (as N)	SM 4110 B-2000
102.150	005	Phosphate, Ortho	SM 4110 B-2000
102.150	006	Sulfate (as SO ₄)	SM 4110 B-2000
102.175	001	Chlorine, Free	SM 4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM 4500-Cl G-2000
102.190	001	Cyanide, Total	SM 4500-CN E-1999
102.192	001	Cyanide, Amenable	SM 4500-CN G-1999
102.203	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000
102.240	001	Phosphate, Ortho (as P)	SM 4500-P E-1999
102.260	001	Total Organic Carbon TOC	SM 5310B-2000
102.261	001	Dissolved Organic Carbon (DOC)	SM 5310B-2000
102.270	001	Surfactants	SM 5540 C-2000

Field of Testing: 103 - Toxic Chemical Elements of Drinking Water

103.030	001	Mercury	SM 3112 B
103.060	001	Aluminum	SM 3120 B
103.060	003	Barium	SM 3120 B
103.060	004	Beryllium	SM 3120 B
103.060	007	Chromium	SM 3120 B
103.060	008	Copper	SM 3120 B
103.060	009	Iron	SM 3120 B
103.060	011	Manganese	SM 3120 B
103.060	012	Nickel	SM 3120 B
103.060	015	Silver	SM 3120 B
103.060	017	Zinc	SM 3120 B
103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	005	Cadmium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	001	Aluminum	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8

103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	017	Boron	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.160	001	Mercury	EPA 245.1
103.310	001	Chromium (VI)	EPA 218.6
103.311	001	Chromium (VI)	EPA 218.7

Field of Testing: 107 - Microbiology of Wastewater

107.010	001	Heterotrophic Plate Count	SM 9215 B
107.020	002	Total Coliform (Enumeration)	SM 9221 B-2006
107.030	002	Total Coliform with Chlorine Present	SM 9221 B,C-2006
107.040	002	Fecal Coliform (Enumeration)	SM 9221 C,E-2006
107.050	002	Fecal Coliform with Chlorine Present	SM 9221 C,E-2006
107.242	001	Enterococci	Enterolert
107.245	001	E. coli (Enumeration)	SM 9223 B (Colilert 18 Quantity Tray)
107.245	002	E. coli (Enumeration)	SM 9223 B (Colilert)

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.020	001	Specific Conductance	EPA 120.1
108.090	001	Residue, Volatile	EPA 160.4
108.110	001	Turbidity	EPA 180.1
108.112	001	Boron	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	003	Hardness (Calculation)	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	006	Silica, Dissolved	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.112	008	Phosphorus, Total	EPA 200.7
108.113	001	Boron	EPA 200.8
108.113	003	Magnesium	EPA 200.8
108.113	004	Potassium	EPA 200.8
108.113	005	Silica, Dissolved	EPA 200.8
108.113	006	Sodium	EPA 200.8
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	008	Sulfate (as SO ₄)	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0

108.120	015	Phosphate, Ortho (as P)	EPA 300.0
108.264	001	Phosphate, Ortho	EPA 365.3
108.265	001	Phosphorus, Total	EPA 365.3
108.267	001	Phosphorus, Total	EPA 200.7
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.360	001	Phenols, Total	EPA 420.1
108.381	001	Oil and Grease	
108.385	001	Color	SM 2120 B-2001
108.390	001	Turbidity	SM 2130 B-2001
108.410	001	Alkalinity	SM 2320 B-1997
108.420	001	Hardness (Calculation)	SM 2340 B-1997
108.421	001	Hardness	SM 2340 C-1997
108.430	001	Specific Conductance	SM 2510 B-1997
108.438	001	Boron	SM 3125 B-2009
108.438	002	Calcium	SM 3125 B-2009
108.438	003	Magnesium	SM 3125 B-2009
108.438	004	Potassium	SM 3125 B-2009
108.438	005	Silica, Dissolved	SM 3125 B-2009
108.438	006	Sodium	SM 3125 B-2009
108.438	007	Hardness (Calculation)	SM 3125 B-2009
108.439	001	Residue, Volatile	SM 2540 E-1997
108.440	001	Residue, Total	SM 2540 B-1997
108.441	001	Residue, Filterable TDS	SM 2540 C-1997
108.442	001	Residue, Non-filterable TSS	SM 2540 D-1997
108.443	001	Residue, Settleable	SM 2540 F-1997
108.444	001	Temperature	SM 2550 B-2010
108.447	001	Boron	SM 3120 B-1999
108.447	002	Calcium	SM 3120 B-1999
108.447	003	Hardness (Calculation)	SM 3120 B-1999
108.447	004	Magnesium	SM 3120 B-1999
108.447	005	Potassium	SM 3120 B-1999
108.447	006	Silica	SM 3120 B-1999
108.447	007	Sodium	SM 3120 B-1999
108.447	008	Phosphorus, Total	SM 3120 B-1999
108.448	001	Bromide	SM 4110 B, C, D-2000
108.448	002	Chloride	SM 4110 B-2011
108.448	003	Fluoride	SM 4110 B-2011
108.448	004	Nitrate (as N)	SM 4110 B-2011
108.448	005	Nitrite (as N)	SM 4110 B-2011
108.448	006	Nitrate-Nitrite (as N)	SM 4110 B-2011
108.448	007	Phosphate, Ortho (as P)	SM 4110 B-2011
108.448	008	Sulfate (as SO ₄)	SM 4110 B-2011
108.465	001	Chlorine, Total Residual	SM 4500-Cl G-2000
108.470	001	Cyanide, Total	SM 4500-CN B or C-1999
108.472	001	Cyanide, Total	SM 4500-CN E-1999
108.473	001	Cyanide, Amenable	SM 4500-CN G-1999
108.490	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000

108.502	002	Ammonia (as N)	SM 4500-NH3 B,E-1997
108.503	002	Kjeldahl Nitrogen, Total (as N)	SM 4500-NH3 B,D-1997
108.512	001	Kjeldahl Nitrogen, Total (as N)	SM 4500-Norg C-1997
108.536	001	Oxygen, Dissolved	SM 4500-O G-2001
108.592	001	Biochemical Oxygen Demand	SM 5210B-2001
108.592	002	Carbonaceous BOD	SM 5210B-2001
108.596	001	Organic Carbon-Total (TOC)	SM 5310B-2000
108.605	001	Surfactants	SM 5540 C-2000
108.625	001	Phenols, Total	SM 5530 B-2005
108.626	001	Phenols, Total	SM 5530 D-2010

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	006	Boron	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8

109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	022	Tin	EPA 200.8
109.020	023	Titanium	EPA 200.8
109.104	001	Chromium (VI)	EPA 218.6
109.190	001	Mercury	EPA 245.1
109.400	001	Mercury	SM 3112 B-2009
109.430	001	Aluminum	SM 3120 B-1999
109.430	002	Antimony	SM 3120 B-1999
109.430	003	Arsenic	SM 3120 B-1999
109.430	004	Barium	SM 3120 B-1999
109.430	005	Beryllium	SM 3120 B-1999
109.430	006	Boron	SM 3120 B-1999
109.430	007	Cadmium	SM 3120 B-1999
109.430	009	Chromium	SM 3120 B-1999
109.430	010	Cobalt	SM 3120 B-1999
109.430	011	Copper	SM 3120 B-1999
109.430	012	Iron	SM 3120 B-1999
109.430	013	Lead	SM 3120 B-1999
109.430	015	Manganese	SM 3120 B-1999
109.430	016	Molybdenum	SM 3120 B-1999
109.430	017	Nickel	SM 3120 B-1999
109.430	019	Selenium	SM 3120 B-1999
109.430	021	Silver	SM 3120 B-1999
109.430	023	Thallium	SM 3120 B-1999
109.430	024	Vanadium	SM 3120 B-1999
109.430	025	Zinc	SM 3120 B-1999
109.431	001	Aluminum	SM 3125 B-2009
109.431	002	Antimony	SM 3125 B-2009
109.431	003	Arsenic	SM 3125 B-2009
109.431	004	Barium	SM 3125 B-2009
109.431	005	Beryllium	SM 3125 B-2009
109.431	006	Cadmium	SM 3125 B-2009
109.431	008	Chromium	SM 3125 B-2009
109.431	009	Cobalt	SM 3125 B-2009
109.431	010	Copper	SM 3125 B-2009
109.431	013	Iron	SM 3125 B-2009
109.431	014	Lead	SM 3125 B-2009
109.431	016	Manganese	SM 3125 B-2009
109.431	017	Molybdenum	SM 3125 B-2009
109.431	018	Nickel	SM 3125 B-2009
109.431	024	Selenium	SM 3125 B-2009
109.431	026	Silver	SM 3125 B-2009
109.431	028	Thallium	SM 3125 B-2009

109.431	029	Tin	SM 3125 B-2009
109.431	030	Titanium	SM 3125 B-2009
109.431	031	Vanadium	SM 3125 B-2009
109.431	032	Zinc	SM 3125 B-2009
109.445	002	Chromium (VI)	SM 3500-Cr B-2009
109.446	001	Chromium (VI)	SM 3500-Cr C-2009

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.040	000	Purgeable Organic Compounds	EPA 624
110.051	000	Volatile Organic Compounds	SM 6200 B-1997

Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater

111.100	000	Base/Neutral & Acid Organics	EPA 625
111.103	000	Nitrosamines	EPA 625
111.170	000	Organochlorine Pesticides and PCBs	EPA 608

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010	001	Antimony	EPA 6010 B
114.010	002	Arsenic	EPA 6010 B
114.010	003	Barium	EPA 6010 B
114.010	004	Beryllium	EPA 6010 B
114.010	005	Cadmium	EPA 6010 B
114.010	006	Chromium	EPA 6010 B
114.010	007	Cobalt	EPA 6010 B
114.010	008	Copper	EPA 6010 B
114.010	009	Lead	EPA 6010 B
114.010	010	Molybdenum	EPA 6010 B
114.010	011	Nickel	EPA 6010 B
114.010	012	Selenium	EPA 6010 B
114.010	013	Silver	EPA 6010 B
114.010	014	Thallium	EPA 6010 B
114.010	015	Vanadium	EPA 6010 B
114.010	016	Zinc	EPA 6010 B
114.020	001	Antimony	EPA 6020
114.020	002	Arsenic	EPA 6020
114.020	003	Barium	EPA 6020
114.020	004	Beryllium	EPA 6020
114.020	005	Cadmium	EPA 6020
114.020	006	Chromium	EPA 6020
114.020	007	Cobalt	EPA 6020
114.020	008	Copper	EPA 6020
114.020	009	Lead	EPA 6020
114.020	010	Molybdenum	EPA 6020
114.020	011	Nickel	EPA 6020
114.020	012	Selenium	EPA 6020
114.020	013	Silver	EPA 6020
114.020	014	Thallium	EPA 6020
114.020	015	Vanadium	EPA 6020
114.020	016	Zinc	EPA 6020

114.103	001	Chromium (VI)	EPA 7196 A
114.106	001	Chromium (VI)	EPA 7199
114.140	001	Mercury	EPA 7470 A
114.141	001	Mercury	EPA 7471 A
114.222	001	Cyanide, Total	EPA 9014
114.230	001	Sulfides, Total	EPA 9034
114.240	001	Corrosivity - pH Determination	EPA 9040 B
114.241	001	Corrosivity - pH Determination	EPA 9045 C
114.250	001	Fluoride	EPA 9056

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311 (TCLP)
115.021	001	TCLP Inorganics	EPA 1311 (TCLP)
115.022	001	TCLP Extractables	EPA 1311 (TCLP)
115.023	001	TCLP Volatiles	EPA 1311 (TCLP)
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II

Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste

116.030	001	Gasoline-range Organics	EPA 8015 B
116.040	041	Methyl tert-butyl Ether (MTBE)	EPA 8021 B
116.040	062	BTEX	EPA 8021 B
116.080	000	Volatile Organic Compounds	EPA 8260 B
116.080	120	Oxygenates	EPA 8260 B
116.100	001	Total Petroleum Hydrocarbons - Gasoline (GRO)	LUFT GC/MS
116.100	010	BTEX and MTBE	LUFT GC/MS
116.110	001	Total Petroleum Hydrocarbons - Gasoline (GRO)	LUFT

Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste

117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015 B
117.015	001	Diesel-range Total Petroleum Hydrocarbons	LUFT GC/MS
117.016	001	Diesel-range Total Petroleum Hydrocarbons	LUFT
117.110	000	Extractable Organics	EPA 8270 C
117.210	000	Organochlorine Pesticides	EPA 8081 A
117.220	000	PCBs	EPA 8082

Field of Testing: 119 - Toxicity Bioassay of Hazardous Waste

119.010	001	Fathead Minnow (P. promelas)	Polisini & Miller (CDFG 1988)	Interim
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Field of Testing: 120 - Physical Properties of Hazardous Waste

120.010	001	Ignitability	EPA 1010
120.022	001	Ignitability	EPA 1030
120.040	001	Reactive Cyanide	Section 7.3 SW-846
120.050	001	Reactive Sulfide	Section 7.3 SW-846
120.070	001	Corrosivity - pH Determination	EPA 9040 B
120.080	001	Corrosivity - pH Determination	EPA 9045 C

Field of Testing: 126 - Microbiology of Recreational Water

126.010	001	Total Coliform (Enumeration)	SM 9221 B-2006
126.030	001	Fecal Coliform (Enumeration)	SM 9221 B,E-2006
126.050	001	Total Coliform (Enumeration)	SM 9223 B (Colilert/Quanti-Tray)
126.050	002	E. coli (Enumeration)	SM 9223 B (Colilert/Quanti-Tray)

126.080 001 Enterococci

Enterolert
