



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

BSK Associates

Laboratory Services

1414 Stanislaus Street

Fresno, CA 93706-1623

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1180**

Expiration Date: **4/30/2020**

Effective Date: **5/1/2018**

A handwritten signature in black ink, appearing to read "Christine Sotelo".

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program



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



BSK Associates

Laboratory Services - Fresno Branch
1414 Stanislaus Street
Fresno, CA 93706-1623
Phone: (559) 497-2888

**Certificate No. 1180
Expiration Date 4/30/2020**

Field of Testing: 101 - Microbiology of Drinking Water

101.010	001	Heterotrophic Bacteria	SM 9215 B
101.020	004	Total Coliform (Enumeration)	SM 9221 B,C
101.020	005	Fecal Coliform (Enumeration)	SM 9221 B,E
101.020	006	E. coli (Enumeration)	SM 9221 B,F
101.050	005	Total Coliform P/A	SM 9223 B (Colilert 18)
101.050	006	E. coli P/A	SM 9223 B (Colilert 18)
101.050	007	Total Coliform (Enumeration)	SM 9223 B (Colilert 18)
101.050	008	E. coli (Enumeration)	SM 9223 B (Colilert 18)

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

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	
102.030	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	
102.040	001	Bromide	EPA 300.1	
102.040	002	Chlorite	EPA 300.1	
102.040	003	Chlorate	EPA 300.1	
102.044	001	Bromate	EPA 317.0	
102.045	001	Perchlorate	EPA 314.0	
102.047	001	Perchlorate	EPA 331.0	Interim
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	
102.130	001	Specific Conductance	SM 2510 B-1997	
102.140	001	Residue, Filterable TDS	SM 2540 C-1997	
102.174	001	Chlorine, Free	SM 4500-Cl F-2000	

As of 12/21/2018, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

102.174	002	Chlorine, Total Residual	SM 4500-Cl F-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
102.203	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000
102.240	001	Phosphate, Ortho (as P)	SM 4500-P E-1999
102.262	001	Total Organic Carbon TOC	SM 5310C-2000
102.263	001	Dissolved Organic Carbon (DOC)	SM 5310C-2000
102.270	001	Surfactants	SM 5540 C-2000
102.280	001	UV254	SM 5910 B-2011

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

103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	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	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
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	011	Mercury	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	018	Vanadium	EPA 200.8
103.310	001	Chromium (VI)	EPA 218.6
103.311	001	Chromium (VI)	EPA 218.7

Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water

104.030	001	1,2-Dibromoethane (EDB, Ethylene Dibromide)	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1
104.035	001	1,2,3-Trichloropropane (TCP)	SRL 524M-TCP
104.040	000	Volatile Organic Compounds	EPA 524.2
104.040	001	Benzene	EPA 524.2

104.040	007	n-Butylbenzene	EPA 524.2
104.040	008	sec-Butylbenzene	EPA 524.2
104.040	009	tert-Butylbenzene	EPA 524.2
104.040	010	Carbon Tetrachloride	EPA 524.2
104.040	011	Chlorobenzene	EPA 524.2
104.040	015	2-Chlorotoluene	EPA 524.2
104.040	016	4-Chlorotoluene	EPA 524.2
104.040	019	1,3-Dichlorobenzene	EPA 524.2
104.040	020	1,2-Dichlorobenzene	EPA 524.2
104.040	021	1,4-Dichlorobenzene	EPA 524.2
104.040	022	Dichlorodifluoromethane	EPA 524.2
104.040	023	1,1-Dichloroethane	EPA 524.2
104.040	024	1,2-Dichloroethane	EPA 524.2
104.040	025	1,1-Dichloroethene (1,1-Dichloroethylene)	EPA 524.2
104.040	026	cis-1,2-Dichloroethene	EPA 524.2
104.040	027	trans-1,2-Dichloroethene	EPA 524.2
104.040	028	Dichloromethane (Methylene Chloride)	EPA 524.2
104.040	029	1,2-Dichloropropane	EPA 524.2
104.040	033	cis-1,3-Dichloropropene	EPA 524.2
104.040	034	trans-1,3-Dichloropropene	EPA 524.2
104.040	035	Ethylbenzene	EPA 524.2
104.040	037	Isopropylbenzene	EPA 524.2
104.040	039	Naphthalene	EPA 524.2
104.040	041	N-propylbenzene	EPA 524.2
104.040	042	Styrene	EPA 524.2
104.040	043	1,1,1,2-Tetrachloroethane	EPA 524.2
104.040	044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040	045	Tetrachloroethylene (Tetrachloroethene)	EPA 524.2
104.040	046	Toluene	EPA 524.2
104.040	047	1,2,3-Trichlorobenzene	EPA 524.2
104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	051	Trichloroethene	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.040	061	Carbon Disulfide	EPA 524.2
104.045	000	Trihalomethanes, Total	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2

104.045	002	Bromoform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.050	000	Gasoline Additives	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	003	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	004	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	005	Trichlorotrifluoroethane	EPA 524.2
104.050	006	tert-Butyl Alcohol (TBA)	EPA 524.2

Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water

105.010	000	Pesticides	EPA 505
105.010	002	Alachlor	EPA 505
105.010	003	Atrazine	EPA 505
105.010	004	Chlordane	EPA 505
105.010	006	Endrin	EPA 505
105.010	007	Heptachlor	EPA 505
105.010	008	Heptachlor Epoxide	EPA 505
105.010	009	Hexachlorobenzene	EPA 505
105.010	010	Hexachlorocyclopentadiene	EPA 505
105.010	011	Lindane (HCH-gamma)	EPA 505
105.010	012	Methoxychlor	EPA 505
105.010	013	Simazine	EPA 505
105.010	015	PCBs as Aroclors (screen)	EPA 505
105.083	000	Chlorinated Acids	EPA 515.4
105.083	001	2,4-D	EPA 515.4
105.083	002	Dinoseb	EPA 515.4
105.083	003	Pentachlorophenol	EPA 515.4
105.083	004	Picloram	EPA 515.4
105.083	005	2,4,5-TP (Silvex)	EPA 515.4
105.083	006	Dalapon	EPA 515.4
105.083	007	Bentazon	EPA 515.4
105.083	008	Dicamba	EPA 515.4
105.091	000	Semi-volatile Organic Compounds	EPA 525.3
105.091	001	Alachlor	EPA 525.3
105.091	003	Atrazine	EPA 525.3
105.091	004	Benzo(a)pyrene	EPA 525.3
105.091	005	Butachlor	EPA 525.3
105.091	007	Diazinon	EPA 525.3
105.091	008	Di(2-ethylhexyl) Adipate	EPA 525.3
105.091	009	Di(2-ethylhexyl) Phthalate	EPA 525.3
105.091	017	Metolachlor	EPA 525.3
105.091	018	Metribuzin	EPA 525.3

105.091	019	Molinate	EPA 525.3	
105.091	021	Propachlor	EPA 525.3	
105.091	022	Simazine	EPA 525.3	
105.091	023	Thiobencarb	EPA 525.3	
105.100	000	Carbamates	EPA 531.1	
105.100	001	Aldicarb	EPA 531.1	
105.100	002	Aldicarb Sulfone	EPA 531.1	
105.100	003	Aldicarb Sulfoxide	EPA 531.1	
105.100	004	Carbaryl	EPA 531.1	
105.100	005	Carbofuran	EPA 531.1	
105.100	006	3-Hydroxycarbofuran	EPA 531.1	
105.100	007	Methomyl	EPA 531.1	
105.100	008	Oxamyl	EPA 531.1	
105.105	003	Perfluorobutanesulfonic Acid (PFBS)	EPA 537 Rev 1.1	Interim
105.105	006	Perfluoroheptanoic Acid (PFHpA)	EPA 537 Rev 1.1	Interim
105.105	007	Perfluorohexanesulfonic Acid (PFHxS)	EPA 537 Rev 1.1	Interim
105.105	009	Perfluorononanoic Acid (PFNA)	EPA 537 Rev 1.1	Interim
105.105	010	Perfluorooctanoic Acid (PFOA)	EPA 537 Rev 1.1	Interim
105.105	011	Perfluorooctylsulfonic Acid (PFOS)	EPA 537 Rev 1.1	Interim
105.120	001	Glyphosate	EPA 547	
105.140	001	Endothall	EPA 548.1	
105.150	001	Diquat	EPA 549.2	
105.201	001	Haloacetic Acids (HAA5)	EPA 552.3	

Field of Testing: 106 - Radiochemistry of Drinking Water

106.092	001	Uranium	EPA 200.8	
106.270	001	Gross Alpha by Coprecipitation	SM 7110 C	

Field of Testing: 107 - Microbiology of Wastewater

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	
107.100	002	Fecal Streptococci	SM 9230 B-2007	
107.245	001	E. coli (Enumeration)	SM 9223 B (Colilert 18)	
107.247	001	E. coli (Enumeration)	SM 9221 B,F-2006	

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.112	001	Boron	EPA 200.7	
108.112	002	Calcium	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	
108.113	001	Boron	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 SO4)	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
108.121	001	Bromide	EPA 300.1
108.209	001	Ammonia (as N)	EPA 350.1
108.211	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.266	001	Phosphorus, Total	EPA 365.4
108.381	002	Oil & Grease Total	EPA 1664 B
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
108.430	001	Specific Conductance	SM 2510 B-1997
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
108.460	001	Chlorine, Total Residual	SM 4500-Cl B-2000
108.464	001	Chlorine, Total Residual	SM 4500-Cl F-2000
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
108.480	001	Fluoride	SM 4500-F B,C-1997
108.490	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000
108.529	001	Nitrate-Nitrite (as N)	SM 4500-NO3 F-2000
108.532	001	Oxygen, Dissolved	SM 4500-O C-2001
108.540	001	Phosphate,Ortho (as P)	SM 4500-P E-1999
108.592	001	Biochemical Oxygen Demand	SM 5210B-2001
108.592	002	Carbonaceous BOD	SM 5210B-2001
108.595	001	Chemical Oxygen Demand	SM 5220D-1997
108.597	001	Organic Carbon-Total (TOC)	SM 5310C-2000
108.605	001	Surfactants	SM 5540 C-2000

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	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	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	017	Nickel	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	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
109.104	001	Chromium (VI)	EPA 218.6
109.192	001	Mercury	EPA 245.7

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.040	000	Purgeable Organic Compounds	EPA 624
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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	003	Barium	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	013	Silver	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
114.025	001	Mercury	EPA 6020 A
114.106	001	Chromium (VI)	EPA 7199
114.221	001	Cyanide, Total	EPA 9012 A
114.240	001	Corrosivity - pH Determination	EPA 9040 B
114.241	001	Corrosivity - pH Determination	EPA 9045 C

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)
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II

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

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

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

117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015 B
117.110	000	Extractable Organics	EPA 8270 C
117.111	071	Pesticides	EPA 8270 C
117.210	000	Organochlorine Pesticides	EPA 8081 A

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117.220	000	PCBs	EPA 8082	
117.280	000	Carbamates	EPA 8321 A	Aqueous Only
