



STATE WATER RESOURCES CONTROL BOARD  
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

## CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

**Basic Laboratory, Inc**

**Chico, CA**

3860 Morrow Lane, Suite F

Chico, CA 95928

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.: **2718**

Expiration Date: **1/31/2019**

Effective Date: **2/1/2017**

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



**Basic Laboratory, Inc**  
Chico, CA  
3860 Morrow Lane, Suite F  
Chico, CA 95928  
Phone: (530) 894-8966

**Certificate No. 2718**  
**Expiration Date 1/31/2019**

**Field of Testing: 101 - Microbiology of Drinking Water**

101.010	001	Heterotrophic Bacteria	SM9215B
101.020	001	Total Coliform P/A	SM9221B
101.020	002	Fecal Coliform P/A	SM 9221 B,E
101.020	004	Total Coliform (Enumeration)	SM9221B,C
101.020	005	Fecal Coliform (Enumeration)	SM 9221 B,E
101.050	001	Total Coliform P/A	SM9223B (Collert)
101.050	002	E. coli P/A	SM9223B (Collert)
101.050	003	Total Coliform (Enumeration)	SM9223B (Collert/Quanti-Tray)
101.050	004	E. coli (Enumeration)	SM9223B (Collert/Quanti-Tray)
101.050	005	Total Coliform P/A	SM9223B (Collert 18)
101.050	006	E. coli P/A	SM9223B (Collert 18)
101.050	007	Total Coliform (Enumeration)	SM9223B (Collert 18 Quantity Tray)
101.050	008	E. coli (Enumeration)	SM9223B (Collert 18 Quantity Tray)
101.050	009	Total Coliform P/A	SM9223B (Colisure)
101.050	010	E. coli P/A	SM9223B (Colisure)

**Field of Testing: 102 - Inorganic Chemistry of Drinking Water**

102.020	001	Turbidity	EPA 180.1
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	009	Sulfate	EPA 300.0
102.060	001	Nitrate (as N) (Calculation)	EPA 353.2
102.061	001	Nitrite	EPA 353.2
102.095	001	Turbidity	SM2130B-2001
102.100	001	Alkalinity	SM2320B-1997
102.121	001	Hardness	SM2340C-1997
102.130	001	Conductivity	SM2510B-1997
102.140	001	Residue, Filterable TDS	SM2540C-1997
102.175	001	Chlorine, Free	SM4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM4500-Cl G-2000
102.203	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
102.220	001	Nitrite (as N)	SM4500-NO2- B-2000
102.232	001	Nitrite (as N)	SM4500-NO3- E-2000
102.232	002	Nitrate (as N)	SM4500-NO3- E-2000
102.240	001	Phosphate, Ortho (as P)	SM4500-P E-1999
102.270	001	Surfactants	SM5540C-2000

As of 2/6/2017, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

**Field of Testing: 107 - Microbiology of Wastewater**

107.010	001	Heterotrophic Bacteria	SM9215B
107.020	002	Total Coliform (Enumeration)	SM9221B,E-2006
107.030	002	Total Coliform with Chlorine Present	SM9221B,C-2006
107.040	002	Fecal Coliform (Enumeration)	SM9221C,E-2006
107.050	002	Fecal Coliform with Chlorine Present	SM9221C,E-2006
107.245	001	E. coli (Enumeration)	SM9223B (Collert 18)
107.245	002	E. coli (Enumeration)	SM9223B (Collert)

**Field of Testing: 108 - Inorganic Chemistry of Wastewater**

108.110	001	Turbidity	EPA 180.1
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	008	Sulfate	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
108.232	003	Nitrate-Nitrite (as N)	EPA 353.2
108.232	004	Nitrite (as N)	EPA 353.2
108.385	001	Color	SM2120B-2001
108.390	001	Turbidity	SM2130B-2001
108.410	001	Alkalinity	SM2320B-1997
108.421	001	Hardness	SM2340C-1997
108.430	001	Conductivity	SM2510B-1997
108.439	001	Residue, Volatile	SM2540E-1997
108.440	001	Residue, Total	SM2540B-1997
108.441	001	Residue, Filterable TDS	SM2540C-1997
108.442	001	Residue, Non-filterable TSS	SM2540D-1997
108.443	001	Residue, Settleable	SM2540F-1997
108.444	001	Temperature	SM2550B-2000
108.465	001	Chlorine, Total Residual	SM4500-CI G-2000
108.465	002	Chlorine, Free	SM4500-CI G-2000
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
108.514	001	Nitrite (as N)	SM4500-NO2- B-2000
108.528	001	Nitrate-Nitrite (as N)	SM4500-NO3- E-2000
108.528	002	Nitrite (as N)	SM4500-NO3- E-2000
108.528	003	Nitrate (as N) (Calculation)	SM4500-NO3- E-2000
108.532	001	Oxygen, dissolved	SM4500-O C-2001
108.536	001	Oxygen, dissolved	SM4500-O G-2001
108.540	001	Phosphate, Ortho (as P)	SM4500-P E-1999
108.560	001	Sulfite	SM4500-SO3 B-2000
108.584	001	Sulfide (as S)	SM4500-S= D-2000
108.592	001	Biochemical Oxygen Demand	SM5210B-2001
108.592	002	Carbonaceous BOD	SM5210B-2001
108.595	001	Chemical Oxygen Demand	SM5220D-1997
108.605	001	Surfactants	SM5540C-2000

**Field of Testing: 109 - Toxic Chemical Elements of Wastewater**

As of 2/6/2017, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

109.445 002 Chromium (VI)

SM3500-Cr B-2009

---