BEDFORD COLDWATER
Groundwater Sustainability Authority

REGULAR BOARD MEETING
AGENDA

November 20, 2025
4:00 PM

Temescal Valley Water District Administrative Offices
22646 Temescal Canyon Road, Temescal Valley, California 92883

CALL TO ORDER AND ROLL CALL: Directors Casillas, Harich, Dobler

PUBLIC COMMENT

Any person may address the Board at this time upon any subject not identified on this Agenda, but within the jurisdiction of Bedford Coldwater Groundwater Sustainability Authority; however, any matter that requires action will be referred to staff for a report and action at a subsequent Board meeting. As to matters on the Agenda, an opportunity will be given to address the Board when the matter is considered.

I. Business Calendar

A. Elect Chairperson and Vice-Chairperson

B. Consider Approval of a Professional Services Agreement with Todd Groundwater, INC. for Five-Year Periodic Evaluation and Annual Reports for Water Years 2025 though 2030

C. Consider Approval of a Contract with Babcock Laboratories, Inc. to Conduct Annual Groundwater Quality Sampling And Analysis

II. Consent Calendar

A. Minutes of the Regular Bedford Coldwater Groundwater Sustainability Authority Meeting of February 20, 2025

B. Ratification of Demands

C. Outside Contracts Summary Report

III. Administrator's Update

IV. Legal Counsel Report

V. Comments of the Board

VI. Adjourn

In accordance with the requirements of California Government Code Section 54954.2, this agenda has been posted in the main lobby of the Authority's Administrative offices not less than 72 hours prior to the meeting date and time above. All public records relating to each agenda item, including any public records distributed less than 72 hours prior to the meeting to all, or a majority of all, of the members of Authority's Board, are available for public inspection in the office at
22646 Temescal Canyon Road, Temescal Valley, California 92883

To request a disability-related modification or accommodation regarding agendas or attendance, contact the District Secretary, at (951) 674-3146, extension 8223 at least 48 hours before the meeting.

BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: November 20, 2025

To: Board of Directors

From: Deputy Treasurer

SUBJECT: ELECT CHAIRPERSON AND VICE-CHAIRPERSON

RECOMMENDATION:

Nominate and elect a Chairperson and Vice-Chairperson to serve throughout the 2025-2026 fiscal year.

DISCUSSION:

In accordance with Article 4, Section 5.2 and 5.2.1 of the By-laws and Section 9 of the Agreement, the officers of the Board shall consist of a Chairperson, Vice-Chairperson, and such other officers as the Board may designate. The Chairperson shall preside at all meetings of the Board and exercise such other powers and duties as may from time to time be assigned to the Chairperson. The Chairperson shall have the power to enforce meeting decorum and rules of order. The Vice-Chairperson shall perform the duties of the Chairperson in the absence of the Chairperson. The Chairperson and/or Vice-Chairperson shall exercise and perform such other powers and duties as may be assigned by the Board.

Each year, at the first meeting following July 1st, the Board shall elect the Chairperson and Vice-Chairperson from among the Directors.

FISCAL IMPACT:
Not applicable.

ENVIRONMENTAL WORK STATUS:
Not applicable.

EXHIBITS/ATTACHMENTS:
None.

BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: November 20, 2025

To: Board of Directors

From: Deputy Treasurer

SUBJECT: CONSIDER APPROVAL OF A PROFESSIONAL SERVICES AGREEMENT WITH TODD GROUNDWATER, INC. FOR FIVE-YEAR PERIODIC EVALUATION AND ANNUAL REPORTS FOR WATER YEARS 2025 THOUGH 2030

RECOMMENDATION:

1. Approve a Professional Services Agreement with Todd Groundwater, Inc. for the Five-Year Periodic Evaluation and Annual Reports for Water Years 2025 though 2030 in the amount of $434,125, and

2. Authorize the Deputy Treasurer to execute the appropriate documents on behalf of the Authority.

BACKGROUND:

The Sustainable Groundwater Management Act (SGMA), effective January 1, 2015, was enacted in California to regulate and sustainably manage groundwater basins throughout the state. SGMA provides a framework to guide local public agencies and newly created Groundwater Sustainability Agencies (GSAs) in the management of their underlying groundwater basins, especially those considered critically affected as defined by the Department of Water Resources (DWR). The Bedford-Coldwater Groundwater Sustainability Authority (BCGSA) prepared a Groundwater Sustainability Plan (GSP) to maintain long-term groundwater sustainability in the Bedford-Coldwater Groundwater Subbasin.

The Bedford-Coldwater GSP was prepared from June 2018 through December 2021 with active outreach and public participation throughout the process. The GSP was adopted by BCGSA on December 18, 2021 and was submitted to the California Department of Water Resources (DWR) in January 2022. The 2022 GSP provides the basic information, analytical tools, and projects and management actions for continued groundwater

management, guided by SGMA and by locally defined sustainability goals, objectives, and metrics.

On April 7, 2025, the BCGSA received a letter from DWR approving the submitted GSP. Along with its approval, DWR issued a GSP Assessment Staff Report that included comments and recommended corrective actions related to the Subbasin's 2022 GSP. The initial GSP was developed during the early stages of SGMA implementation, when GSAs across California were interpreting SGMA requirements and striving to develop plans that complied with the law, met DWR's expectations, and aligned with local sustainability goals. This was a challenging period, as many agencies newly formed under SGMA had limited experience managing complex groundwater issues such as water quality, land subsidence, and interconnected surface water.

DWR's recommended corrective actions are intended to enhance the GSP and support future DWR evaluations. The actions include: (1) providing additional rationale and clarifying language in the sustainable management criteria (SMC) for chronic lowering of groundwater levels, (2) adding clarifying language to the water quality degradation SMC, and (3) incorporating forthcoming DWR guidance related to the depletion of interconnected surface water SMC. Additional details from DWR's review and recommendations are provided in the GSP Assessment Staff Report.

The Sustainable Groundwater Management Act (SGMA) requires Groundwater Sustainability Agencies (GSAs) to conduct a comprehensive evaluation of their Groundwater Sustainability Plans (GSPs) at least every five years. This five-year periodic evaluation provides a detailed assessment of the GSP's implementation progress and effectiveness. It serves to determine whether the GSP is on track to achieve sustainability goals by 2040 and to identify any necessary adjustments. The first five-year evaluation for the BCGSA is due to DWR on January 12, 2027.

SGMA regulations also require GSAs to submit an annual report to DWR by April 1 of each year following the adoption of the GSP or an approved Alternative Plan. The BCGSA has submitted four Annual Reports to date, covering Water Years (WY) 2021 through 2024. These reports document GSP implementation progress and describe groundwater conditions within the Basin, including precipitation, evapotranspiration, surface water flows, groundwater production, water supply and use, groundwater levels, and changes in groundwater storage. Based on the findings presented in the Annual Reports, the BCGSA remains in good standing and continues to make progress toward long-term SGMA compliance.

DISCUSSION:

Todd Groundwater, BCGSA's hydrogeology consultant since 2018, has been instrumental in developing the Groundwater Sustainability Plan (GSP) and the annual reports submitted to the Department of Water Resources (DWR). Given Todd Groundwater's expertise and familiarity with the Bedford-Coldwater Subbasin, the BCGSA staff requested that Todd Groundwater collaborate with the BCGSA Administrator to develop a scope of work to prepare a periodic evaluation of the 2022 GSP and prepare the annual reports for Water Years 2026 through 2030.

The BCGSA Staff requested that Todd Groundwater include an optional task of amending the GSP for consideration. DWR guidance indicates that a GSP Amendment is warranted when significant changes are made to basin management strategies, sustainable management criteria (SMCs), or the monitoring network. The BCGSA intends to complete the first Periodic Evaluation without modifying SMCs and plans to address DWR's comments through clarification and additional explanation within the Periodic Evaluation.

BCGSA Member staff are not recommending proceeding with the Optional Task of GSP Amendment Preparation.

The FY 2025/2026 Budget, approved at the BCGSA Board meeting on February 20, 2025, includes funding for the periodic updates and annual reports. The BCGSA has proactively set aside funds over the past three budget cycles to support this work. BCGSA member agency staff recommend awarding a Professional Services Agreement to Todd Groundwater, Inc. in the amount of $434,125.

FISCAL IMPACT:

This item has been incorporated in the FY 2023-24, FY 2024-25 and FY 2025-26 Budgets.

ENVIRONMENTAL WORK STATUS:

Not applicable

EXHIBITS/ATTACHMENTS:

Proposal for Groundwater Sustainability Plan Periodic Evaluation, Amendment and Annual Reports

BEDFORD COLDWATER GROUNDWATER SUSTAINABILITY AUTHORITY PROFESSIONAL SERVICES AGREEMENT FOR FIVE-YEAR PERIODIC EVALUATION AND ANNUAL REPORTS

1. PARTIES AND DATE.

This Agreement is made and entered into on this _____ between the Bedford Coldwater Groundwater Sustainability Authority, a Joint Powers Authority with its principal place of business at 31315 Chaney St., Lake Elsinore, CA 92531 ("JPA") and David Keith Todd, Consulting Engineers, Inc, dba, Todd Groundwater a corporation with its principal place of business at 1301 Marina Village Parkway, Suite 320, Alameda, CA 94501 ("Consultant"). JPA and Consultant are sometimes individually referred to as "Party" and collectively as "Parties" in this Agreement.

2. RECITALS.

2.1 Consultant.

Consultant desires to perform and assume responsibility for the provision of certain professional services required by the JPA on the terms and conditions set forth in this Agreement. Consultant represents that it is experienced in providing Periodic Evaluation and Annual Reports services to public clients, is licensed in the State of California, and is familiar with the plans of JPA.

3. TERMS.

3.1 Scope and Schedule of Services.

3.1.1 General Scope of Services. Consultant promises and agrees to furnish to the JPA all labor, materials, tools, equipment, services, and incidental and customary work necessary to fully and adequately supply the professional Periodic Evaluation and Annual Reports consulting services necessary for the Project ("Services"). The Services are more particularly described in Exhibit "A" attached hereto and incorporated herein by reference. All Services shall be subject to, and performed in accordance with, this Agreement, the exhibits attached hereto and incorporated herein by reference, and all applicable local, state and federal laws, rules, and regulations.

3.1.2 Term. The term of this Agreement shall be from Contract execution July 30, 2031, unless earlier terminated as provided herein. Consultant shall complete the Services within the term of this Agreement, and shall meet any other established schedules and deadlines. The Parties may, by mutual, written consent, extend the term of this Agreement if necessary to complete the Services.

3.1.3 Schedule of Services. Consultant shall perform the Services expeditiously, within the term of this Agreement, and in accordance with the Schedule of Services set forth in Exhibit "A" attached hereto and incorporated herein by reference. Consultant represents that it has the professional and technical personnel required to perform the Services in conformance with such conditions. In order to facilitate Consultant's conformance with the Schedule, JPA shall respond to Consultant's submittals in a timely manner. Upon request of JPA,

Consultant shall provide a more detailed schedule of anticipated performance to meet the Schedule of Services.

3.2 Fees and Payments.

3.2.1 Compensation. Consultant shall receive compensation, including authorized reimbursements, for all Services rendered under this Agreement at the rates set forth in Exhibit ”A” attached hereto and incorporated herein by reference. The total compensation shall not exceed Four Hundred Thirty-Four Thousand One Hundred Twenty-Five Dollars ($434,125.00) without written approval by JPA. Extra Work may be authorized, as described below, and if authorized, will be compensated at the rates and manner set forth in this Agreement.

3.2.2 Payment. Consultant shall submit to JPA a monthly itemized statement which indicates work completed and hours of Services rendered by Consultant. The statement shall describe the Services and supplies provided since the initial commencement date, or since the start of the subsequent billing periods, as appropriate, through the date of the statement. JPA shall, within 45 days of receiving such statement, review the statement and pay all approved charges thereon.

3.2.3 Reimbursement for Expenses. Consultant shall not be reimbursed for any expenses unless authorized in writing by JPA.

3.2.4 Extra Work. At any time during the term of this Agreement, JPA may request that Consultant perform Extra Work. As used herein, “Extra Work” means any work which is determined by JPA to be necessary for the proper completion of the Project, but which the parties did not reasonably anticipate would be necessary at the execution of this Agreement. Consultant shall not perform, nor be compensated for, Extra Work without written authorization by JPA.

3.3 Responsibilities of Consultant.

3.3.1 Control and Payment of Subordinates; Independent Contractor. The Services shall be performed by Consultant or under its supervision. Consultant will determine the means, methods and details of performing the Services subject to the requirements of this Agreement. JPA retains Consultant on an independent contractor basis and not as an employee. Consultant retains the right to perform similar or different services for others during the term of this Agreement. Any additional personnel performing the Services under this Agreement on behalf of Consultant shall also not be employees of JPA and shall at all times be under Consultant’s exclusive direction and control. Consultant shall pay all wages, salaries, and other amounts due such personnel in connection with their performance of Services under this Agreement and as required by law. Consultant shall be responsible for all reports and obligations respecting such additional personnel, including, but not limited to: social security taxes, income tax withholding, unemployment insurance, disability insurance, and workers’ compensation insurance.

3.3.2 Standard of Care; Performance of Employees. Consultant shall perform all Services under this Agreement in a skillful and competent manner, consistent with the standards generally recognized as being employed by professionals in the same discipline in the State of California. Consultant represents and maintains that it is skilled in the professional calling necessary to perform the Services. Consultant warrants that all employees and subconsultants shall have sufficient skill and experience to perform the Services assigned to them. Finally,

Consultant represents that it, its employees and subconsultants have all licenses, permits, qualifications and approvals of whatever nature that are legally required to perform the Services, and that such licenses and approvals shall be maintained throughout the term of this Agreement. As provided for in the indemnification provisions of this Agreement, Consultant shall perform, at its own cost and expense and without reimbursement from the JPA, any services necessary to correct errors or omissions which are caused by the Consultant's failure to comply with the standard of care provided for herein. Any employee of the Consultant or its sub-consultants who is determined by the JPA to be uncooperative, incompetent, a threat to the adequate or timely completion of the Project, a threat to the safety of persons or property, or any employee who fails or refuses to perform the Services in a manner acceptable to the JPA, shall be promptly removed from the Project by the Consultant and shall not be re-employed to perform any of the Services or to work on the Project.

3.3.3 Conformance to Applicable Requirements. All work prepared by Consultant shall be subject to the approval of JPA.

3.3.4 Substitution of Key Personnel. Consultant has represented to JPA that certain key personnel will perform and coordinate the Services under this Agreement. Should one or more of such personnel become unavailable, Consultant may substitute other personnel of at least equal competence upon written approval of JPA. In the event that JPA and Consultant cannot agree as to the substitution of key personnel, JPA shall be entitled to terminate this Agreement for cause. As discussed below, any personnel who fail or refuse to perform the Services in a manner acceptable to the JPA, or who are determined by the JPA to be uncooperative, incompetent, a threat to the adequate or timely completion of the Project or a threat to the safety of persons or property, shall be promptly removed from the Project by the Consultant at the request of the JPA. The key personnel for performance of this Agreement are as follows: Chad Taylor.

3.3.5 Coordination of Services. Consultant agrees to work closely with JPA staff in the performance of Services and shall be available to JPA's staff, consultants and other staff at all reasonable times.

3.3.6 Laws and Regulations. Consultant shall keep itself fully informed of and in compliance with all local, state and federal laws, rules and regulations in any manner affecting the performance of the Project or the Services, including all Cal/OSHA requirements, and shall give all notices required by law. Consultant shall be liable for all violations of such laws and regulations in connection with Services. If the Consultant performs any work knowing it to be contrary to such laws, rules and regulations, Consultant shall be solely responsible for all costs arising therefrom. Consultant shall defend, indemnify and hold JPA, its officials, directors, officers, employees, and agents free and harmless, pursuant to the indemnification provisions of this Agreement, from any claim or liability arising out of any failure or alleged failure to comply with such laws, rules or regulations.

3.3.7 Labor Code Provisions.

(a) Prevailing Wages. Consultant is aware of the requirements of California Labor Code Section 1720, et seq., and 1770, et seq., as well as California Code of Regulations, Title 8, Section 16000, et seq., ("Prevailing Wage Laws"), which require the payment of prevailing wage rates and the performance of other requirements on "public works" and "maintenance" projects. If the Services are being performed as part of an applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, and if the total

compensation is $1,000 or more, Consultant agrees to fully comply with such Prevailing Wage Laws. The JPA has obtained the general prevailing rate of wages, as determined by the Director of the Department of Industrial Relations, a copy of which is on file in the JPA's office and shall be made available for viewing to any interested party upon request. Consultant shall make copies of the prevailing rates of per diem wages for each craft, classification or type of worker needed to execute the Services available to interested parties upon request, and shall post copies at the Consultant's principal place of business and at the project site. Consultant shall defend, indemnify and hold the JPA, its elected officials, officers, employees and agents free and harmless from any claim or liability arising out of any failure or alleged failure to comply with the Prevailing Wage Laws.

(b) Registration and Labor Compliance. If the services are being performed as part of an applicable "public works" or "maintenance" project, then, in addition to the foregoing, pursuant to Labor Code sections 1725.5 and 1771.1, the Consultant and all subconsultants must be registered with the Department of Industrial Relations ("DIR"). Consultant shall maintain registration for the duration of the project and require the same of any subconsultants. This project may also be subject to compliance monitoring and enforcement by the Department of Industrial Relations. It shall be Consultant's sole responsibility to comply with all applicable registration and labor compliance requirements, including the submission of payroll records directly to the DIR.

(c) Labor Certification. By its signature hereunder, Consultant certifies that it is aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of that Code, and agrees to comply with such provisions before commencing the performance of the Services.

3.3.8 Safety. Consultant shall execute and maintain its work so as to avoid injury or damage to any person or property. In carrying out its Services, the Consultant shall at all times be in compliance with all applicable local, state and federal laws, rules and regulations, and shall exercise all necessary precautions for the safety of employees appropriate to the nature of the work and the conditions under which the work is to be performed. Safety precautions as applicable shall include, but shall not be limited to: (A) adequate life protection and life-saving equipment and procedures; (B) instructions in accident prevention for all employees and subconsultants, such as safe walkways, scaffolds, fall protection ladders, bridges, gang planks, confined space procedures, trenching and shoring, equipment and other safety devices, equipment and wearing apparel as are necessary or lawfully required to prevent accidents or injuries; and (C) adequate facilities for the proper inspection and maintenance of all safety measures.

3.3.9 Accounting Records. Consultant shall maintain complete and accurate records with respect to all costs and expenses incurred under this Agreement. All such records shall be clearly identifiable. Consultant shall allow a representative of JPA during normal business hours to examine, audit, and make transcripts or copies of such records and any other documents created pursuant to this Agreement. Consultant shall allow inspection of all work, data, documents, proceedings, and activities related to the Agreement for a period of four (4) years from the date of final payment under this Agreement.

3.3.10 Air Quality. To the extent applicable, Consultant must fully comply with all applicable laws, rules and regulations in furnishing or using equipment and/or providing services, including, but not limited to, emissions limits and permitting requirements imposed by

the South Coast Air Quality Management JPA (SCAQMD) and/or California Air Resources Board (CARB). Although the SCAQMD and CARB limits and requirements are more broad, Consultant shall specifically be aware of their application to "portable equipment", which definition is considered by SCAQMD and CARB to include any item of equipment with a fuel-powered engine. Consultant shall indemnify JPA against any fines or penalties imposed by SCAQMD, CARB, or any other governmental or regulatory agency for violations of applicable laws, rules and/or regulations by Consultant, its subconsultants, or others for whom Consultant is responsible under its indemnity obligations provided for in this Agreement.

3.4 Representatives of the Parties.

3.4.1 JPA's Representative. The JPA hereby designates its Deputy Treasurer, or his or her designee, to act as its representative for the performance of this Agreement ("JPA's Representative"). Consultant shall not accept direction or orders from any person other than the JPA's Representative or his or her designee.

3.4.2 Consultant's Representative. Consultant hereby designates Chad Taylor or his or her designee, to act as its representative for the performance of this Agreement ("Consultant's Representative"). Consultant's Representative shall have full authority to represent and act on behalf of the Consultant for all purposes under this Agreement. The Consultant's Representative shall supervise and direct the Services, using his best skill and attention, and shall be responsible for all means, methods, techniques, sequences, and procedures and for the satisfactory coordination of all portions of the Services under this Agreement.

3.5 Indemnification.

To the fullest extent permitted by law, Consultant shall immediately indemnify and hold the JPA, its directors, officials, officers, employees, volunteers and agents free and harmless from any and all claims, demands, causes of action, costs, expenses, liability, loss, damage or injury of any kind, in law or equity, to property or persons, including wrongful death, in any manner arising out of, pertaining to, or incident to any alleged acts, errors or omissions of Consultant, its officials, officers, employees, subcontractors, consultants or agents in connection with the performance of the Consultant's Services, the Project or this Agreement, including without limitation the payment of all consequential damages, expert witness fees and attorneys' fees and other related costs and expenses. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

Consultant shall immediately defend, with Counsel of JPA's choosing and at Consultant's own cost, expense and risk, any and all claims, suits, actions or other proceedings of every kind that may be brought or instituted against JPA or its directors, officials, officers, employees, volunteers and agents. Consultant shall pay and satisfy any judgment, award or decree that may be rendered against JPA or its directors, officials, officers, employees, volunteers and agents as part of any such claim, suit, action or other proceeding. Consultant shall also reimburse JPA for the cost of any settlement paid by JPA or its directors, officials, officers, employees, agents or volunteers as part of any such claim, suit, action or other proceeding. Such reimbursement shall include payment for JPA's attorneys' fees and costs, including expert witness fees. Consultant shall reimburse JPA and its directors, officials, officers, employees, agents, and/or volunteers, for any and all legal expenses and costs incurred by each of them in connection therewith or in

enforcing the indemnity herein provided. Consultant's obligation to defend and indemnify shall survive expiration or termination of this Agreement, and shall not be restricted to insurance proceeds, if any, received by the JPA, its directors, officials, officers, employees, agents, or volunteers.

3.6 Insurance.

3.6.1 Time for Compliance. Consultant shall not commence Work under this Agreement until it has provided evidence satisfactory to the JPA that it has secured all insurance required under this section. In addition, Consultant shall not allow any subconsultant to commence work on any subcontract until it has provided evidence satisfactory to the JPA that the subconsultant has secured all insurance required under this section. Failure to provide and maintain all required insurance shall be grounds for the JPA to terminate this Agreement for cause.

3.6.2 Minimum Requirements. Consultant shall, at its expense, procure and maintain for the duration of the Agreement insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the Agreement by the Consultant, its agents, representatives, employees or subconsultants. Consultant shall also require all of its subconsultants to procure and maintain the same insurance for the duration of the Agreement. Such insurance shall meet at least the following minimum levels of coverage:

(a) Commercial General Liability. Coverage for commercial general liability insurance shall be at least as broad as Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 0001). Consultant shall maintain limits no less than $2,000,000 per occurrence, or the full per occurrence limits of the policies available, whichever is greater, for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with general aggregate limit or product-completed operations aggregate limit is used, including but not limited to form CG 2503, either the general aggregate limit shall apply separately to this Agreement/location or the general aggregate limit shall be twice the required occurrence limit. The general liability policy shall include or be endorsed (amended) to state that: (1) the JPA, its directors, officials, officers, employees, agents, and volunteers shall be covered as additional insured with respect to the Work or operations performed by or on behalf of the Consultant, including materials, parts or equipment furnished in connection with such work using as broad a form as CG 20 10 11 85 or the latest versions of both CG 20 10 and CG 20 37; and (2) the insurance coverage shall be primary insurance as respects the JPA, its directors, officials, officers, employees, agents, and volunteers using as broad a form as CG 20 01 04 13, or if excess, shall stand in an unbroken chain of coverage excess of the Consultant's scheduled underlying coverage. Any insurance or self-insurance maintained by the JPA, its directors, officials, officers, employees, agents, and volunteers shall be excess of the Consultant's insurance and shall not be called upon to contribute with it in any way.

(b) Automobile Liability. Coverage shall be at least as broad as the latest version of the Insurance Services Office Business Auto Coverage form number CA 0001, code 1 (any auto). Consultant shall maintain limits no less than $1,000,000 per accident for bodily injury and property damage. The automobile liability policy shall include or be endorsed (amended) to state that: (1) the JPA, its directors, officials, officers, employees, agents, and volunteers shall be covered as additional insureds with respect to the ownership, operation, maintenance, use, loading or unloading of any auto owned, leased, hired or borrowed by the Consultant or for which the Consultant is responsible; and (2) the insurance coverage shall be

primary insurance as respects the JPA, its directors, officials, officers, employees, agents, and volunteers, or if excess, shall stand in an unbroken chain of coverage excess of the Consultant's scheduled underlying coverage. Any insurance or self-insurance maintained by the JPA, its directors, officials, officers, employees, agents, and volunteers shall be excess of the Consultant's insurance and shall not be called upon to contribute with it in any way. The automobile liability policy shall cover all owned, non-owned, and hired automobiles.

(c) Workers' Compensation and Employer's Liability Insurance. Consultant shall maintain Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance in an amount no less than $1,000,000 per accident for bodily injury or disease. The insurer shall agree to waive all rights of subrogation against the JPA, its directors, officials, officers, employees, agents, and volunteers for losses paid under the terms of the insurance policy which arise from work performed by the Consultant.

(d) Professional Liability. Consultant shall procure and maintain, and require its subconsultants to procure and maintain, for a period of five (5) years following completion of the Project, errors and omissions liability insurance appropriate to their profession covering Consultant's wrongful acts, negligent actions, errors or omissions. The retroactive date (if any) is to be no later than the effective date of this agreement. Consultant shall purchase a one-year extended reporting period: i) if the retroactive date is advanced past the effective date of this Agreement; ii) if the policy is canceled or not renewed; or iii) if the policy is replaced by another claims-made policy with a retroactive date subsequent to the effective date of this Agreement. Such insurance shall be in an amount not less than $2,000,000 per claim.

(e) Excess Liability (if necessary). The limits of Insurance required in this Agreement may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess coverage shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of the JPA (if agreed to in a written contract or agreement) before the JPA's own primary or self-Insurance shall be called upon to protect it as a named insured. The policy shall be endorsed to state that the JPA, its directors, officials, officers, employees, agents, and volunteers shall be covered as additional insured at least as broad a form as CG 20 10 11 85 or the latest versions of both CG 20 10 and CG 20 37. The coverage shall contain no special limitations on the scope of protection afforded to the JPA, its directors, officials, officers, employees, agents, and volunteers.

(f) All Coverages. The Consultant is required by this Agreement to state that: (i) coverage shall not be suspended, voided, reduced or canceled except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the JPA; If any of the required coverages expire or cancel during the term of this agreement, the Consultant shall deliver the renewal certificate(s) including the general liability additional insured endorsement to JPA at least ten (10) days prior to the cancellation or expiration date. and (ii) any failure to comply with reporting or other provisions of the policies, including breaches of warranties, shall not affect coverage provided to the JPA, its directors, officials, officers, employees, agents, and volunteers.

(g) Separation of Insureds; No Special Limitations. All insurance required by this Section shall contain standard separation of insureds provisions. In addition, such insurance shall not contain any special limitations on the scope of protection afforded to the JPA, its directors, officials, officers, employees, agents, and volunteers.

(h) Deductibles and Self-Insurance Retentions. Any deductibles or self-insured retentions must be declared to and approved by the JPA. Consultant shall guarantee that, at the option of the JPA, either: (i) the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the JPA, its directors, officials, officers, employees, agents, and volunteers; and insurer shall provide or be endorsed to provide that the deductibles or SIR may be satisfied by either the named or additional insureds, co-insurers, and/or insureds other than the First Named Insured or (ii) the Consultant shall procure a bond guaranteeing payment of losses and related investigation costs, claims, and administrative and defense expenses.

3.6.3 Acceptability of Insurers. Insurance is to be placed with insurers with a current A.M. Best's rating no less than A-:VII or equivalent, or as otherwise approved by the JPA.

3.6.4 Verification of Coverage. Consultant shall furnish the JPA with original certificates of insurance and endorsements effecting coverage required by this Agreement on forms satisfactory to the JPA. The certificates and endorsements for each insurance policy shall be signed by a person authorized by that insurer to bind coverage on its behalf, and shall be on forms provided by the JPA if requested. All certificates and endorsements must be received and approved by the JPA before work commences. The JPA reserves the right to require complete, certified copies of all required insurance policies, at any time. In the event that the Consultant employs other consultants (sub-consultants) as part of the services covered by this agreement, it shall be the Consultant's responsibility to require and confirm that each sub-consultant meets the minimum insurance requirements specified above.

3.6.5 Reporting of Claims. Consultant shall report to the JPA, in addition to Consultant's insurer, any and all insurance claims submitted by Consultant in connection with the Services under this Agreement.

3.7 Termination of Agreement.

3.7.1 Grounds for Termination. JPA may, by written notice to Consultant, terminate the whole or any part of this Agreement at any time and without cause by giving written notice to Consultant of such termination, and specifying the effective date thereof, at least seven (7) days before the effective date of such termination. Upon termination, Consultant shall be compensated only for those services which have been adequately rendered to JPA, and Consultant shall be entitled to no further compensation. Consultant may not terminate this Agreement except for cause.

3.7.2 Effect of Termination. If this Agreement is terminated as provided herein, JPA may require Consultant to provide all finished or unfinished Documents and Data and other information of any kind prepared by Consultant in connection with the performance of Services under this Agreement. Consultant shall be required to provide such document and other information within fifteen (15) days of the request.

3.7.3 Additional Services. In the event this Agreement is terminated in whole or in part as provided herein, JPA may procure, upon such terms and in such manner as it may determine appropriate, services similar to those terminated.

3.8 Ownership of Materials and Confidentiality.

3.8.1 Documents & Data; Licensing of Intellectual Property. This Agreement creates a non-exclusive and perpetual license for JPA to copy, use, modify, reuse, or sublicense

any and all copyrights, designs, and other intellectual property embodied in plans, specifications, studies, drawings, estimates, and other documents or works of authorship fixed in any tangible medium of expression, including but not limited to, physical drawings or data magnetically or otherwise recorded on computer diskettes, which are prepared or caused to be prepared by Consultant under this Agreement ("Documents & Data"). All Documents & Data shall be and remain the property of JPA, and shall not be used in whole or in substantial part by Consultant on other projects without the JPA's express written permission. Within thirty (30) days following the completion, suspension, abandonment or termination of this Agreement, Consultant shall provide to JPA reproducible copies of all Documents & Data, in a form and amount required by JPA. JPA reserves the right to select the method of document reproduction and to establish where the reproduction will be accomplished. The reproduction expense shall be borne by JPA at the actual cost of duplication. In the event of a dispute regarding the amount of compensation to which the Consultant is entitled under the termination provisions of this Agreement, Consultant shall provide all Documents & Data to JPA upon payment of the undisputed amount. Consultant shall have no right to retain or fail to provide to JPA any such documents pending resolution of the dispute. In addition, Consultant shall retain copies of all Documents & Data on file for a minimum of fifteen (15) years following completion of the Project, and shall make copies available to JPA upon the payment of actual reasonable duplication costs. Before destroying the Documents & Data following this retention period, Consultant shall make a reasonable effort to notify JPA and provide JPA with the opportunity to obtain the documents.

3.8.2 Subconsultants. Consultant shall require all subconsultants to agree in writing that JPA is granted a non-exclusive and perpetual license for any Documents & Data the subconsultant prepares under this Agreement. Consultant represents and warrants that Consultant has the legal right to license any and all Documents & Data. Consultant makes no such representation and warranty in regard to Documents & Data which were prepared by design professionals other than Consultant or its subconsultants, or those provided to Consultant by the JPA.

3.8.3 Right to Use. JPA shall not be limited in any way in its use or reuse of the Documents and Data or any part of them at any time for purposes of this Project or another project, provided that any such use not within the purposes intended by this Agreement or on a project other than this Project without employing the services of Consultant shall be at JPA's sole risk. If JPA uses or reuses the Documents & Data on any project other than this Project, it shall remove the Consultant's seal from the Documents & Data and indemnify and hold harmless Consultant and its officers, directors, agents and employees from claims arising out of the negligent use or re-use of the Documents & Data on such other project. Consultant shall be responsible and liable for its Documents & Data, pursuant to the terms of this Agreement, only with respect to the condition of the Documents & Data at the time they are provided to the JPA upon completion, suspension, abandonment or termination. Consultant shall not be responsible or liable for any revisions to the Documents & Data made by any party other than Consultant, a party for whom the Consultant is legally responsible or liable, or anyone approved by the Consultant.

3.8.4 Indemnification. Consultant shall defend, indemnify and hold the JPA, its directors, officials, officers, employees, volunteers and agents free and harmless, pursuant to the indemnification provisions of this Agreement, for any alleged infringement of any patent, copyright, trade secret, trade name, trademark, or any other proprietary right of any person or entity in consequence of the use on the Project by JPA of the Documents & Data, including any method, process, product, or concept specified or depicted.

3.8.5 Confidentiality. All Documents & Data, either created by or provided to Consultant in connection with the performance of this Agreement, shall be held confidential by Consultant. All Documents & Data shall not, without the prior written consent of JPA, be used or reproduced by Consultant for any purposes other than the performance of the Services. Consultant shall not disclose, cause or facilitate the disclosure of the Documents & Data to any person or entity not connected with the performance of the Services or the Project. Nothing furnished to Consultant that is otherwise known to Consultant or is generally known, or has become known, to the related industry shall be deemed confidential. Consultant shall not use JPA's name or insignia, photographs of the Project, or any publicity pertaining to the Services or the Project in any magazine, trade paper, newspaper, television or radio production or other similar medium without the prior written consent of JPA.

3.9 Subcontracting/Subconsulting.

3.9.1 Prior Approval Required. Consultant shall not subcontract any portion of the work required by this Agreement, except as expressly stated herein, without prior written approval of JPA. Subcontracts, if any, shall contain a provision making them subject to all provisions stipulated in this Agreement.

3.10 General Provisions.

3.10.1 Delivery of Notices. All notices permitted or required under this Agreement shall be given to the respective parties at the following address, or at such other address as the respective parties may provide in writing for this purpose:

JPA:	**CONSULTANT:**
Bedford Coldwater Groundwater Sustainability Authority 31315 Chaney St Lake Elsinore, CA 92531 Attn: Parag Kalaria	David Keith Todd, Consulting Engineers, Inc dba Todd Groundwater 1301 Marina Village Parkway, Suite 320 Alameda, CA 94501 Attn: Chad Taylor

Such notice shall be deemed made when personally delivered or when mailed, forty-eight (48) hours after deposit in the U.S. Mail, first class postage prepaid and addressed to the party at its applicable address. Actual notice shall be deemed adequate notice on the date actual notice occurred, regardless of the method of service.

3.10.2 Equal Opportunity Employment. Consultant represents that it is an equal opportunity employer and it shall not discriminate against any subconsultant, employee or applicant for employment because of race, religion, color, national origin, handicap, ancestry, sex or age. Such non-discrimination shall include, but not be limited to, all activities related to initial employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff or termination. Consultant shall also comply with all relevant provisions of JPA's Minority Business Enterprise program, Affirmative Action Plan or other related programs or guidelines currently in effect or hereinafter enacted.

3.10.3 Time of Essence. Time is of the essence for each and every provision of this Agreement.

3.10.4 JPA's Right to Employ Other Consultants. JPA reserves the right to employ other consultants in connection with this Project.

3.10.5 Successors and Assigns. This Agreement shall be binding on the successors and assigns of the parties.

3.10.6 Assignment or Transfer. Consultant shall not assign, hypothecate or transfer, either directly or by operation of law, this Agreement or any interest herein without the prior written consent of the JPA. Any attempt to do so shall be null and void, and any assignees, hypothecates or transferees shall acquire no right or interest by reason of such attempted assignment, hypothecation or transfer.

3.10.7 Construction; References; Captions. Since the Parties or their agents have participated fully in the preparation of this Agreement, the language of this Agreement shall be construed simply, according to its fair meaning, and not strictly for or against any Party. Any term referencing time, days or period for performance shall be deemed calendar days and not work days. All references to Consultant include all personnel, employees, agents, and subconsultants of Consultant, except as otherwise specified in this Agreement. All references to JPA include its elected officials, officers, employees, agents, and volunteers except as otherwise specified in this Agreement. The captions of the various articles and paragraphs are for convenience and ease of reference only, and do not define, limit, augment, or describe the scope, content or intent of this Agreement.

3.10.8 Amendment; Modification. No supplement, modification or amendment of this Agreement shall be binding unless executed in writing and signed by both Parties.

3.10.9 Waiver. No waiver of any default shall constitute a waiver of any other default or breach, whether of the same or other covenant or condition. No waiver, benefit, privilege, or service voluntarily given or performed by a Party shall give the other Party any contractual rights by custom, estoppel or otherwise.

3.10.10 No Third-Party Beneficiaries. There are no intended third-party beneficiaries of any right or obligation assumed by the Parties.

3.10.11 Invalidity; Severability. If any portion of this Agreement is declared invalid, illegal, or otherwise unenforceable by a court of competent jurisdiction, the remaining provisions shall continue in full force and effect.

3.10.12 Prohibited Interests. Consultant maintains and warrants that it has not employed nor retained any company or person, other than a bona fide employee working solely for Consultant, to solicit or secure this Agreement. Further, Consultant warrants that it has not paid nor has it agreed to pay any company or person, other than a bona fide employee working solely for Consultant, any fee, commission, percentage, brokerage fee, gift or other consideration contingent upon or resulting from the award or making of this Agreement. Consultant further agrees to file, or shall cause its employees or subconsultants to file, a Statement of Economic Interest with the JPA's Filing Officer as required under state law in the performance of the Services. For breach or violation of this warranty, JPA shall have the right to rescind this Agreement without liability. For the term of this Agreement, no member, officer or employee of JPA, during the term of his or her service with JPA, shall have any direct interest in this Agreement, or obtain any present or anticipated material benefit arising therefrom.

3.10.13 Cooperation; Further Acts. The Parties shall fully cooperate with one another, and shall take any additional acts or sign any additional documents as may be necessary, appropriate or convenient to attain the purposes of this Agreement.

3.10.14 Governing Law. This Agreement shall be governed by the laws of the State of California. Venue shall be in Riverside County.

3.10.15 Government Code Claim Compliance. In addition to any and all contract requirements pertaining to notices of and requests for compensation or payment for extra work, disputed work, claims and/or changed conditions, Consultant must comply with the claim procedures set forth in Government Code sections 900 et seq. prior to filing any lawsuit against the JPA. Such Government Code claims and any subsequent lawsuit based upon the Government Code claims shall be limited to those matters that remain unresolved after all procedures pertaining to extra work, disputed work, claims, and/or changed conditions have been followed by Consultant. If no such Government Code claim is submitted, or if any prerequisite contractual requirements are not otherwise satisfied as specified herein, Consultant shall be barred from bringing and maintaining a valid lawsuit against the JPA.

3.10.16 Attorneys' Fees. If either party commences an action against the other party, either legal, administrative or otherwise, arising out of or in connection with this Agreement, the prevailing party in such litigation shall be entitled to have and recover from the losing party reasonable attorneys' fees and all other costs of such action.

3.10.17 Authority to Enter Agreement. Consultant has all requisite power and authority to conduct its business and to execute, deliver, and perform the Agreement. Each Party warrants that the individuals who have signed this Agreement have the legal power, right, and authority to make this Agreement and bind each respective Party.

3.10.18 Counterparts. This Agreement may be signed in counterparts, each of which shall constitute an original.

3.10.19 Signatures. The Parties hereto hereby agree that electronic signatures are acceptable and shall have the same force and effect as original wet signatures.

Entire Agreement. This Agreement contains the entire Agreement of the parties with respect to the subject matter hereof, and supersedes all prior negotiations, understandings or agreements. This Agreement may only be modified by a writing signed by both parties.

SIGNATURES ON THE FOLLOWING PAGES

SIGNATURE PAGE TO THE
PROFESSIONAL SERVICES AGREEMENT FOR
FOR FIVE-YEAR PERIODIC EVALUATION AND ANNUAL REPORTS

BEDFORD-COLDWATER SUSTAINABILITY AUTHORITY:

By:_____

Printed Name:_____

Title:_____

Dated:_____

DAVID KEITH TODD, CONSULTING ENGINEERS, INC, DBA TODD GROUNDWATER

By:_____
(Authorized Representative of Vendor)

Printed Name: Chad Taylor

Title: Vice President

Dated: 11/18/25

September 10, 2025

PROPOSAL

To: Michael Cruikshank, PG, CHG, WSC / Bedford-Coldwater Groundwater Sustainability Authority Administrator and Parag Kalaria Elsinore Valley Municipal Water District Director of Water Resources

From: Chad Taylor, PG, CHg, Vice President and
Kyle Young, PhD, Associate Geologist

Re: Proposal for Groundwater Sustainability Plan Periodic Evaluation, Amendment, and Annual Reports

Todd Groundwater (Todd) is pleased to submit this scope of work and cost estimate to prepare the Groundwater Sustainability Plan (GSP) Periodic Evaluation for the Bedford-Coldwater Subbasin (Subbasin). We worked with the Bedford-Coldwater Groundwater Sustainability Authority (BCGSA) to prepare the initial GSP for the Subbasin, which was submitted in January 2022 and approved by DWR in April 2025. The initial GSP was prepared in accordance with the Sustainable Groundwater Management Act (SGMA), which requires establishment of Groundwater Sustainability Agencies (GSAs) in all medium and high-priority groundwater basins in California. The purpose of these GSAs is to sustainably manage local groundwater through preparation and implementation of GSPs that achieve or maintain sustainable management of their groundwater basins. While formation of a GSA and preparation of a GSP is not required for the Subbasin because it is very low priority, the City of Corona (Corona), Temescal Valley Water District (TVWD), and Elsinore Valley Municipal Water District (EVMWD) decided to form the BCGSA and prepare a GSP for the Subbasin to continue their longstanding proactive local management of the important groundwater resource.

SGMA recognizes that long-term groundwater management requires routine review of groundwater conditions and GSP performance. For this reason, SGMA requires GSAs to complete Annual Reports documenting groundwater conditions each water year (October 1st through September 30th). SGMA also requires GSAs to review their GSPs and submit a Periodic Evaluation to DWR at least every five years and/or whenever a GSP is amended. Periodic Evaluations are required to include a thorough assessment of GSP performance and the necessity of modifications. A Periodic Evaluation should also describe whether GSP implementation is meeting Subbasin sustainability goals, compare recent groundwater conditions with relevant sustainable management criteria, provide an evaluation of progress in implementing projects and management actions, and assess if GSAs are on track to meet sustainability goals. The first Periodic Evaluation for the Subbasin is due to DWR in January of 2027.

Along with its approval, DWR issued a GSP Assessment Staff Report with comments and recommended corrective actions related to the Subbasin's 2022 GSP. The period during which the initial GSP was prepared was also the beginning of SGMA implementation. GSAs around California were all interpreting the requirements of SGMA during this period in an attempt to produce GSPs that complied with the law, met DWR expectations, and honored local sustainability goals. This presented a challenge, as many of the agencies that elected to become GSAs did not have a history of managing complex groundwater conditions like water quality, subsidence, and interconnected surface water.

DWR received dozens of GSPs between 2020 and 2022 and through reviewing these initial GSPs recognized the need for additional guidance and direction to assist GSAs. This resulted not only in common comments and recommendations on initial GSPs, but also in the development of new guidance documents for GSAs on how to assess and develop sustainable management criteria for subsidence and interconnected surface water. A subsidence Best Management Practices (BMP) document was released in draft in July 2025 with a 60 day public review period. As of the date of this proposal no date for finalization of the Subsidence BMP has been released by DWR. Regarding interconnected surface water (ISW), DWR released a series of three technical papers in 2024 describing common concepts and methods for assessing potential stream depletion due to pumping. Significant comments were presented to DWR following release of those technical papers and they are now working on an ISW guidance document that is expected to be released in draft in fall 2025.

In addition, many GSA's initial GSPs (including BCGSA's) relied upon preexisting regional and statewide programs to assist with assessment and management of these and other sustainable management criteria like water quality. DWR's comments and recommendations on the Subbasin GSP were focused on these three sustainable management criteria, as summarized below:

- **Recommended Corrective Action 1** - Update the sustainable management criteria for degraded water quality to provide clear definitions of undesirable results.
- **Recommended Corrective Action 2** - Identify the minimum threshold exceedances that constitute an undesirable result for land subsidence.
- **Recommended Corrective Action 3** - Consider utilizing the interconnected surface water guidance, as appropriate, when issued by the Department to establish quantifiable minimum thresholds, measurable objectives, and management actions. Continue to fill data gaps.
- **Recommended Corrective Action 4** - Identify the total number of monitoring wells and monitoring schedule in the degraded water quality monitoring network.

Additional details of DWR's review and suggestions are provided in the GSP Assessment Staff Report.

Many GSAs are preparing amendments to their GSPs to address comments and recommendations from DWR. GSAs have discretion regarding the completion of GSP

Amendments as neither SGMA nor GSP Regulations establish when an amendment is required or what components of the Plan should be amended. In general, however, DWR's guidance on this matter is that the more significant or material a change to a GSP or its implementation, the more likely a Plan Amendment is warranted. DWR has specifically stated that a Plan Amendment is warranted in cases where changes made to the overall management of the basin, including sustainable management criteria and/or significant modifications to the representative monitoring sites network. For many GSAs the decision to prepare a GSP Amendment is based on the need to revise sustainable management criteria (SMCs) in response to DWR comments and recommendations, changed local conditions, and/or changed local management strategies. While responding to the DWR comments and recommendations on the BCGSA initial GSP could include modifications to SMCs in the Subbasin, we understand the BCGSA would prefer to focus on completion of the first Periodic Evaluation without modifying SMCs. Therefore, the BCGSA is not required to prepare a GSP Amendment alongside the Periodic Evaluation. We support this approach and are prepared to collaborate with the BCGSA to respond to DWR's comments and recommendations without modifying SMCs. Our approach will be to provide further explanation of SMCs and their function in meetings and communications with DWR staff and in the Periodic Evaluation.

The scope of work below includes a Periodic Evaluation and five GSP Annual Reports. We have also included an optional task with detailed subtasks for preparing a GSP Amendment should the BCGSA decide to pursue an amendment at this time. The scope and estimated costs for the tasks below are subdivided into discrete subtasks where appropriate to facilitate project coordination, scheduling, and budget tracking and thereby provide timely completion of interim and final deliverables. We are prepared to complete the Periodic Evaluation and Plan Amendment for submittal to DWR in January 2027.

PROJECT TEAM

Our team for this project includes the staff that have been assisting BCGSA with groundwater management for many years. The team will continue to be led by Chad Taylor with assistance from Maureen Reilly, Mike Maley, and Gus Yates. We also plan to bring on additional Todd staff including Kyle Young and Menso de Jong. The roles of each of these key team members are described below.

Chad Taylor, PG, CHG – Project Manager and Principal in Charge: Chad Taylor, Vice President and Principal Hydrogeologist, will serve as Project Manager and Principal in Charge. He will lead the Todd team and have responsibility for successful completion of the Periodic Evaluation, Annual Reports, and optional GSP Amendment should BCGSA choose to complete it. Chad's goal will be to fulfill water code requirements and support BCGSA's ongoing water resources management goals. He will also provide schedule and budget tracking and leadership for report preparation, presentations, and coordination with the BCGSA management and staff.

hydrogeologic assessment tasks and have a role in supporting Maureen and Iris throughout Periodic Evaluation and GSP Amendment including sustainable management criteria (SMC) revision analyses and coordination with and presentations to the BCGSA.

Maureen Reilly, PE – Principal Engineer: Maureen Reilly, Principal Engineer, will serve as Project Engineer providing organizational and task leadership for key portions of the project. Maureen has worked in the Subbasin for over 20 years and was a central member of the Todd team that prepared the initial GSP and has prepared all the GSP Annual Reports since.

Michael Maley, PG, PE, CHG – Principal in Charge: Michael Maley, Principal Hydrogeologist, will serve as the Principal Modeler with quality assurance responsibility for refinement and application of the Subbasin groundwater model. Mike was the principal modeler leading the construction of the original Subbasin model and has been updating and applying the model annually as part of GSP Annual Report preparation. He will work with Kyle Young to complete model refinements and model application tasks required for the Periodic Evaluation and optional GSP Amendment. He will also provide review and quality control for application of the model for future Annual Reports.

Gus Yates, PG, CHG – Project Hydrologist: Gus Yates, Senior Hydrologist, will provide hydrologic and groundwater modeling expertise to support water demand estimation and surface water modeling in the Subbasin, as he did for the initial GSP and subsequent Annual Reports. Gus's role will shift to providing review and assistance to Kyle Young, PhD who has been working to streamline the Subbasin surface water budget since the completion of the last Annual Report.

Kyle Young, PhD – Associate Project Geologist: Dr. Kyle Young, Associate Geologist, will have responsibility for refining and updating the surface and groundwater models for the Subbasin in coordination with Mike Maley and Gus Yates. Refinement to these models may include changes to reflect ongoing land use changes (as warranted) and streamlined means of estimating surface conditions and interactions with groundwater. Dr. Young will also lead the analysis of subsidence in response to DWR's comments and recommendations and provide continuity with work in the neighboring Elsinore Valley and Temescal subbasins.

Menso de Jong, PhD, PG, - Project Geologist: Dr. Menso de Jong, Senior Geologist, will work with Gus Yates in refinement of the identification of and planning for sustainable management of interconnected surface water and groundwater dependent ecosystems in the Subbasin.

These senior leads will be assisted by selected staff who bring relevant expertise and experience in the Subbasin. The scope of work by task and subtask is presented below followed by cost and schedule estimates.

SCOPE OF WORK

Our detailed scope of work to address the required components of this project is presented below.

TASK 1. PROJECT MANAGEMENT

This task will cover project administration and communication between the consultant (Todd) and BCGSA for the duration of the project. Two types of project coordination/communication are envisioned including coordination calls with the BCGSA Manager and BCGSA agency staff monthly coordination calls. The monthly BCGSA agency staff meetings are intended to function as workshops to facilitate exchange of information and results, encourage discussion and feedback on analysis results and completed draft deliverables, and provide guidance on future analyses and deliverables.

Task 1.1 Manage Project

The Project Management Plan will cover an approximate 1.25-year period and will require coordination between the consultant team and GSA personnel. Monthly invoices will document the hours and cost by team members and show progress on project tasks. A brief progress report will be prepared for each invoice showing progress made during the month, next steps for the following billing cycle, and status of schedule and budget.

Task 1.2 Progress Conference Calls

The project team will conduct bi-weekly to monthly progress conference calls to coordinate tasks and share information and data. Work progress will be effectively tracked and obstacles will be identified at the earliest possible time. For calls to be productive and cost effective, not all team members will be present on all calls. Progress calls will be focused on current analyses and include those involved in related tasks.

Task 1 Deliverables:

- Monthly progress reports including combined invoices and budget and schedule updates

TASK 2. COMPILE AND REVIEW DATA; EXTEND AND UPDATE DATA MANAGEMENT SYSTEM (DMS)

The BCGSA agencies, Manager, and Todd team have been collecting and compiling groundwater data annually including water levels, water quality, and water use for the Annual Groundwater Report. These data are compiled in a relational database, including capabilities for queries to quickly check and summarize data. The primary effort in this task will be to review and update the current data management system (with respect to SGMA requirements and DWR BMPs), to identify data gaps, and to support the GSP monitoring program. Refinement of the existing single comprehensive DMS will be completed while maintaining the capability to distinguish data geographically and by management area.

The GSP Amendment will build on the foundation of data management and reporting BCGSA established during preparation of the initial GSP. We will review key datasets and recent and new information relevant to the Periodic Evaluation from BCGSA, EVMWD, TVWD, Corona,

and public sources. At a minimum, the data collected in this subtask are anticipated to include the following:

- Recently constructed well information
- Groundwater quality
- Surface water quality

Data previously collected for the Annual Report will be updated. These include:

- Groundwater elevation
- Groundwater extraction
- Conservation studies/status reports
- Land use maps
- Local Hydrology (e.g., precipitation, streamflow)
- Imported, recycled water, WWTP effluent discharges

Additional data and information may be collected from BCGSA, EVMWD, TVWD, Corona, other public agencies, and/or other public sources during preparation of the Periodic Evaluation.

Data compiled for the 2022 GSP have been maintained for Annual Reports and summaries of these data will be included in the Periodic Evaluation. For this purpose, we will briefly review these data with a focus on the requirements of the Periodic Evaluation.

GSP Regulations require development and maintenance of a data management system (DMS) capable of storing and reporting information relevant to the development or implementation of the GSP and monitoring of the basin. The current relational database (stored in Microsoft Access) will be expanded and updated to organize data needed for the Periodic Evaluation and subsequent ongoing Annual Reports and GSP implementation. The overall database structure includes tables that integrate with the way that the BCGSA agencies monitor and reports specific data elements.

Task 2 Deliverables:

- Description of sources, types, management, and quality assurance / quality control (QA/QC) of data to support the Periodic Evaluation and ongoing implementation
- Final DMS delivered as electronic copies of the relational database

TASK 3. PERIODIC EVALUATION OF 2022 GSP

The primary task for this project will be the assessment of the status and performance of the 2022 GSP. We will complete this evaluation consistent with the guidance provided in DWR's A Guide to Annual Reports, Periodic Evaluations, & Plan Amendments (October 2023). DWR's guidance requires that the Periodic Evaluation include the information below, which we have organized into two parts:

Part 1: GSP Evaluation

- Overview - A description of the purpose and scope of the Periodic Evaluation, including information about the BCGSA and a summarized overview of the Subbasin.
- Groundwater Model Update – Description of updates to the numerical groundwater model of the Subbasin completed since the 2022 GSP.
- Basin Setting Update – Assessment of updates to the hydrogeologic conceptual model, groundwater conditions, water balances, and/or other elements of the Basin Setting based on new information or changed conditions.
- Significant New Information - Documentation of major new data, reports, or developments that have become available since the initial GSP and their implications for the Subbasin.
- Regulations, Ordinances, and Legal Actions - Description of regulatory changes, enforcement actions, or ordinances affecting the Subbasin and their impact on groundwater sustainability.
- Monitoring Network Update and Assessment - Assessment of the monitoring network and identification of data gaps.
- Sustainability Indicators Evaluation - Analysis of sustainability indicators, including groundwater levels, storage, water quality, subsidence and other indicators, compared against Minimum Thresholds (MTs) and Measurable Objectives (MOs) established in the 2022 GSP. We will also discuss possible management areas.
- GSP Implementation Activities and Progress - A detailed description of projects and management actions implemented to date, progress toward sustainability goals, and challenges encountered during the evaluation cycle.

Part 2: Periodic Evaluation Preparation

- Sustainability Indicators Recommendations - Potential changes to SMCs, including MTs, MOs, and Undesirable Results (URs), if necessary.
- Monitoring Network Recommendations - Recommendation of proposed improvements to address deficiencies and ensure sufficient data collection.
- Plan Amendments - Summary of completed or proposed amendments to the GSP, including the rationale for changes and their anticipated benefits.
- Coordination Activities - Overview of coordination efforts within the Subbasin and with external agencies or organizations, emphasizing collaborative progress toward regional groundwater sustainability.

Task 3.1 Meet with DWR Staff

DWR has indicated a change in their role in SGMA implementation, from being focused primarily on regulating to partnering with BCGSA to achieve local sustainability goals. Many BCGSA have benefited from meeting with DWR staff members to discuss conditions, priorities, data availability, and DWR comments and recommendations. In this subtask, we will coordinate remote meetings with DWR staff, Todd team members, and BCGSA management to discuss the DWR Staff Report on the Subbasin and develop a common understanding of the goals of the BCGSA for the Subbasin for the Periodic Evaluation. This

dialog will be structured to allow Todd and BCGSA personnel to ask clarifying questions of DWR and provide feedback on practical and feasible SGMA implementation in the Subbasin in the context of the Periodic Evaluation.

Task 3.2 Review GSP Basin Setting Chapters

The 2022 GSP presented a comprehensive understanding of the Subbasin that included the hydrogeologic conceptual model (HCM), groundwater conditions, and historical and then-current water balances. The Periodic Evaluation will include a review of these elements of the GSP in comparison to recent conditions, observations, and management of the Subbasin. This review will focus on evaluating the basin settings chapter to assess if the information presented in the GSP and/or the tools used for tracking groundwater management in the Subbasin needs to be updated. This may include revisions to the HCM, identification of groundwater conditions that differ from those discussed in the 2022 GSP, or necessary modifications to the tools used for ongoing management of the Subbasin. We are not aware of significant new or additional information that has been identified regarding the HCM since completion of the initial GSP. As a result, we do not anticipate significant changes to this chapter of the GSP.

This subtask will also include documentation of potential updates that could be made to improve the basin setting and/or numerical model in the future.

Task 3.3 Review Sustainability Indicator Performance

We will review recent groundwater and other conditions relative to Subbasin sustainability indicators and identify an approach for reconsideration of Subbasin SMCs, beginning with confirmation of basin goal and objectives, and then considering the specific indicators. This task will include consideration of changing the MOs and MTs associated with water quality, subsidence and interconnected surface water (ISW). DWR recently released draft requirements for assessment and sustainable management of subsidence and is expected to release new guidance on SMCs for ISWs prior to the due date for the Subbasin Periodic Evaluation. We will review the current SMCs and evaluate if additional analyses and/or changes may be needed to address the new guidance. Any revised MTs will still need to be compared to the other SMCs to identify potential undesirable results.

Task 3.4 Prepare Part 1 Technical Memorandum

Findings and recommendations from Tasks 3.1 to 3.3 will be documented in a draft Technical Memorandum (TM) to be circulated to the BCGSA for review. Comments will be incorporated in a final Part 1 TM. This TM will provide the basis for development of the Periodic Evaluation in Task 3.5.

Task 3.5 Prepare Periodic Evaluation

Findings and recommendations from Task 3.4 and the preceding tasks and other required components of the Periodic Evaluation will be documented in a draft Periodic Evaluation to

be circulated to the BCGSA for review. Comments from review of the administrative draft Periodic Evaluation will be incorporated in a final Periodic Evaluation for presentation to the BCGSA Board and submittal to DWR.

Task 2 Deliverables:

- Part 1 TM in draft and final, both delivered in electronic formats as Word and pdf files
- Draft and final Periodic Evaluation, all delivered electronically as Word and pdf files

TASK 4. ANNUAL REPORTS FOR WATER YEARS 2026 THROUGH 2030

This task includes preparation of five (5) Annual Reports for Water Years (WYs) 2026, 2027, 2028, 2029, and 2030 continuing the annual reporting work the Todd team has provided since WY 2021. It also includes collection of water level data twice a year for incorporation into the BCGSA DMS, review, and submittal to DWR through the SGMA Portal as required by regulations. As we have for the last five years, we envision working cooperatively with the BCGSA Manager and BCGSA agencies to compile and incorporate information required for completion of the Annual Reports. These data will be added to the existing data management system (DMS) prior to use. We expect the work for each Annual Report will begin as soon as the WY ends, allowing sufficient time for data preparation and reporting.

Preparation of the Annual Reports will follow guidance from SGMA regulations and DWR, which is established in the template provided by the last four BCGSA Annual Reports and the upcoming WY 2025 Annual Report.

Task 4.1 Compile and Review Annual and Semi-Annual Data

Specific data for the Annual Reports will be collected in coordination with the BCGSA Manager and agency staff after the end of each Water Year and semi-annual water level data for submittal to DWR will be collected again in the late spring. Collection of these data will include compilation of information from field records, downloads from online sources, and/or data requested from other agencies. Todd Groundwater will provide a detailed data request to the BCGSA with a schedule for data collection and compilation to meet the Annual Report and semi-annual water level submittal deadlines. The requests will include data collected directly by BCGSA and data from local agencies and users (e.g. Eastern Municipal Water District, mining companies, Glen Ivy, etc.). Todd Groundwater will collect and perform basic review of data from state and federal agencies.

The BCGSA Manager and agency staff also will provide information on other water management projects relevant to conjunctive use, including description of facilities improvements and maintenance.

Todd Groundwater will compile all information to support subsequent tasks that document groundwater levels, groundwater extraction, surface water supplies, total water use, change in groundwater in storage, and progress toward GSP implementation.

Data for each water year will be reviewed and presented with reference to the complete study period to reveal long-term trends and variability. Data will be organized by water year and by Management Area and compiled into the existing BCGSA Data Management System (DMS).

Task 4.2 Prepare Annual Report Components

The GSP Annual Report for each Water Year will include preparation of maps, graphs, tables, text, and other technical and narrative components required for SGMA annual reports. As in previous BCGSA Annual Reports this will include preparation of:

- Groundwater elevation maps and hydrographs
- Maps, graphs, and tables of groundwater use
- Tables and graphs of water use from other sources
- Maps, graphs, and tables of changes in groundwater storage
- Documentation of progress in GSP implementation

In preparing these required materials, we will employ the tools and methods we developed as part of the GSP and have refined and streamlined over the past four years. This will include updating the surface water and groundwater models with information from the relevant WY to assist in estimating Subbasin-wide groundwater conditions including water levels and change in storage.

The components of each Annual Report will be prepared and reviewed internally at Todd as part of Annual Report preparation. New, unusual, or problematic results of the evaluations included in the preparation of the components identified above will be brought to the attention of the BCGSA Manager and agency staff, as appropriate.

Documentation of GSP progress will include comparison of annual groundwater conditions with sustainability criteria and descriptions of progress with projects and management actions.

Task 4.3 Prepare Annual Report

This task includes compiling the information, data, and analyses collected and prepared in the preceding tasks into the draft and final Annual Reports. This specifically includes the following:

- **Draft Annual Report**. An electronic version of each Draft Annual Report will be prepared and submitted to the BCGSA Manager and agencies for review and comments in Word and pdf formats. These draft documents will be shared through the BCGSA SharePoint site for simultaneous review and comment collection to facilitate rapid and efficient report finalization.
- **Final Annual Report**. We will revise the draft Annual Report to reflect BCGSA comments and will submit a final report in electronic pdf format.

Task 4.3 Deliverables:

- Draft and Final Annual Reports in electronic Word and pdf formats

Task 4.4 Submit Annual Reports and Semi-Annual Water Level Data to DWR

Our experienced staff will format the Annual Report, associated data compilation tables, and water levels for submittal to DWR through the SGMA Portal. This will include not only uploading a pdf version of each Annual Report to the Portal, but also documenting water use and groundwater conditions in required tabular formats and completing the web forms required for each Annual Report submittal. In addition, we will compile water level data from the network of Key Wells into the DWR-proscribed formats and upload them to the SGMA monitoring network portal twice per year to maintain compliance with all reporting requirements.

Task 4.4 Deliverables:

- Annual Report files submittal to DWR SGMA Portal
- Semi-annual water level data submittal to Monitoring Network Module of the DWR SGMA Portal

TASK 5. OPTIONAL GSP AMENDMENT PREPARATION

As noted above, the BCGSA does not plan to prepare a GSP Amendment for submittal in 2027 alongside the Periodic Evaluation. The set of subtasks presented below are optional and could be exercised if the BCGSA decides during the preparation of the Periodic Evaluation that a GSP Amendment is required. These subtasks have been developed to provide a comprehensive scope for this optional task and should be considered the maximum requirement for the completion of a GSP Amendment.

Task 5.1 Outreach and Stakeholder Engagement

This task supports the agency and public engagement needed throughout the GSP process for the credibility, effectiveness, and acceptance of the GSP. We assume the BCGSA Manager will lead outreach and stakeholder engagement. We expect that the BCGSA Manager will require assistance with preparation of materials illustrating components of the amended GSP, which we will provide using materials developed in the subtasks described above. We assume the BCGSA Manager will also prepare a Communication Plan in coordination with BCGSA staff using the basic approach of DWR's Guidance Document on Stakeholder Communication and Engagement to guide the outreach process. This document would describe how the BCGSA make decisions for SGMA implementation, engage and inform the diverse public, and recognize beneficial uses and users in relation to the GSP. We will assist in the development of technical material to support development of the Communication Plan.

We anticipate outreach activities during GSP Amendment preparation will include two public workshops and monthly BCGSA staff meetings. We assume the BCGSA Manager will be responsible for coordinating these events and meetings and Todd will provide technical

content for presentations, handouts, and flyers. Production costs for meeting and outreach materials have not been included in the costs for this task.

Task 5.1 Deliverables:

- Maps, graphs, and technical text to support preparation of the Communication Plan
- Draft and final materials for presentations at two public workshops

Task 5.2 Review Plan Area

This task begins the preparation of the GSP Amendment with organization and compilation of the required information on the BCGSA preparing the GSP. The existing description of jurisdictions, water supply purveyors, and land use planning agencies will be reviewed and updated as necessary so that the amended GSP appropriately describes jurisdiction and cooperation and collaboration among agencies. This task also will update the areal distribution of water supply wells and will provide contemporary descriptions of existing water resources management and monitoring programs. As in the initial GSP, these sections will lay the groundwork for consideration of the interaction of the GSP with existing management and monitoring programs and land use plans.

We assume that little will be changed in this section of the GSP and that SGMA compliance will continue to be led by the BCGSA consistent with the Joint Powers Agreement (JPA) established the BCGSA and the respective roles and responsibilities of the agency in initial GSP preparation and implementation for the Subbasin.

We will review and update the Plan Area Chapter including:

- Plan Area and Institutional Setting
- Plan Area Maps and Basin Boundary
- Jurisdictional Areas
- Water Supply and Water Purveyors
- Density of Wells
- Current Monitoring Programs
- Water Resources Management Programs
- Land Use Planning
- Additional GSP Elements

We will also compile the information required for submittal to DWR as identified in GSP Regulations, including the name and address of the BCGSA, persons with management authority for implementation of the GSP, designation of and contact information for the GSP Manager, demonstration of the legal authority to implement the GSP, and the costs of GSP implementation and how the BCGSA plan to meet those costs.

Task 5.2 Deliverables:

- Administrative draft Administrative Information and Plan Area Description chapters of the GSP Amendment in electronic formats

Task 5.3 Review Basin Setting Components

The description of the structural and physical characteristics that govern groundwater occurrence, levels, flow, and quality are all included in the Basin Setting section of the GSP. This section of the initial GSP included the HCM and Groundwater Conditions chapters of the initial GSP. Each of the components of these chapters will be reviewed and updated as necessary to reflect new information available since completion of the initial GSP, recent groundwater conditions, DWR comments and recommendations, and updates through water year 2025.

Task 5.4 Review Hydrogeologic Conceptual Model (HCM)

The HCM in the 2022 GSP is an effective representation of the geologic framework and occurrence and flow of groundwater in the Subbasin. DWR comments indicated the information provided in the initial GSP complies with GSP regulations and no additional information was required. We are not aware of significant new or additional information that has been identified regarding the HCM since completion of the initial GSP. As a result, we do not anticipate significant changes to this chapter of the GSP.

Task 5.5 Review and Update Groundwater Conditions Descriptions

In this subtask we will review the representation of groundwater conditions in the initial GSP and incorporate recent groundwater conditions into the GSP Amendment. As summarized below, considerable information was compiled and analyzed as part of the 2022 GSP and BCGSA's ongoing Annual Reports. The information from Annual Reports completed since submittal of the 2022 GSP will be merged into the GSP Amendment. Documentation in this subtask will include the following:

- Climatic setting including rainfall and reference evapotranspiration patterns (areal and temporal) and temperature
- Surface water gage locations and periods of record Temescal Wash, and miscellaneous measurements
- Source and point of delivery for imported water supplies
- Groundwater level data (measured quarterly in 17 wells; compiled into database; autumn data analyzed and mapped for the Annual Report)
- Groundwater storage (estimated annually (October-October) for the Annual Report)
- Groundwater quality data (compiled and analyzed triennially for the Annual Report)

Todd will update the Groundwater Conditions with an emphasis on updating the characterization of the groundwater system to set the stage for evaluation of any URs, MT, and MOs for groundwater levels, groundwater storage, land subsidence, ISW, and water quality. These evaluations will rely primarily on the water level databases we maintain on behalf of BCGSA.

Groundwater Levels
Groundwater elevation contour maps and hydrographs illustrating wet and dry conditions throughout the Subbasin from the Annual Reports will be reviewed and incorporated into the GSP Amendment. This information will be used to refine the description of flow directions, gradients, seasonal high and low groundwater elevations, long-term and recent water level trends, historical high and low water levels, and hydraulic gradients between principal aquifers so that the amended GSP represents all historical groundwater conditions in the Subbasin.

Groundwater Quality
We will review the local definition and mapping of constituents of concern (COCs). We will use recently collected data to refine maps showing ambient groundwater concentration for these COCs and work with the BCGSA to refine the list of local COCs. The 2022 GSP identified total dissolved solids (TDS) and nitrate as COCs but acknowledged that there are other naturally occurring chemicals that should continue to be monitored. Since the completion of the 2022 GSP State and Federal maximum contaminant limits (MCLs) have been developed for per- and polyfluoroalkyl substances (PFAS) perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA). Readily available information regarding the presence, distribution, and concentrations of these and other additional chemicals will also be assessed for incorporation into the water quality SMCs for the Subbasin.

Land Subsidence
To update the status of land subsidence in the Subbasin, we will review updates to the TRE Altamira InSAR Dataset, provided by DWR through the SGMA Data Viewer along with data from local University Navigation Satellite Timing and Ranging System Consortium (UNAVCO) stations. Recent information from these sources will be compared to the 2022 GSP to assess subsidence conditions and support evaluation of the related SMCs in consideration of the Draft Land Subsidence Best Management Practices (BMP) document released by DWR in July 2025.

Interconnected Surface Water and Groundwater-Surface Water Interaction
With the exception of brief periods of sustained releases on Temescal Wash, creeks and rivers that cross the Subbasin generally flow only seasonally. However, along some reaches of these primarily ephemeral streams there is connection to groundwater. This sometimes presents as pools and/or limited perennial flow from groundwater discharge into the channels when groundwater levels are relatively high. Interconnected surface water (ISW) is also represented by riparian vegetation in the Subbasin. Surface water-groundwater interconnection will be reviewed and updated based on recent monitoring. Refinement of ISW conditions will focus on addressing recent and pending guidance from DWR to support bolstering and/or refining ISW SMCs.

Task 5.5 Deliverables:

- Administrative draft GSP Amendment Hydrogeologic Conceptual Model and Groundwater Conditions chapters delivered electronically as Word and pdf files

Task 5.6 Subbasin Surface Water and Groundwater Model Revisions

A significant component of the 2022 GSP was the construction of the surface water and groundwater models for the Subbasin. Since completion of the 2022 GSP, the surface water and groundwater models have been maintained and updated annually as part of the Subbasin Annual Reports.

The surface water and groundwater models of the Subbasin remain the best tools for simulating subbasin-wide groundwater conditions and we still believe the model is valid. However, the largest source of uncertainty in these models remains quarry operations. We have an existing scope of work to refine these models with more information from quarry operations to better represent conditions in the Subbasin and help the BCGSA plan for long-term recharge operations. However, completion of that scope of work has been delayed due to recent changes in land and quarry ownership and operations. Modifications to the model made as part of the existing scope of work will be reflected in the GSP Amendment. No other significant structural changes to the model are anticipated at this time.

Task 5.6 Deliverables:

- Model update documentation report for inclusion in an appendix to the GSP Amendment delivered electronically in Word and pdf formats

Task 5.7 Update Water balance

Water balances were quantified for historical and then-current conditions for the 2022 GSP using the Subbasin surface water and numerical groundwater models. The water balances have since been updated for each Annual Report. The water balance estimates from the initial GSP and those from the recent Annual Reports will be reviewed and reevaluated using the updated model described in Task 7. If significant differences in calculated water balances are identified the GSP Amendment will be updated to reflect the relevant changes to the historical water balance and related components. If the water balance estimates are relatively unchanged, the GSP Amendment will be modified only to include recent water balance results.

Task 5.7.1 Update Water Balance Description

Consistent with the hydrogeologic model and the numerical model, this subtask will provide detailed qualitative descriptions of Subbasin inflows and outflows, including between management areas.

All changes to the water balance will be incorporated into the GSP Amendment, including differences in the values and methods of calculation for all water balance components. This will include as-needed edits to representations of the following from the initial GSP to be consistent with model updates, new information, and recent conditions:

- Climate data
- Soil data (to estimate natural percolation)
- Groundwater pumping
- Imported water use

- Recycled water use
- Selected stream gages on Temescal Wash in and around the Subbasin
- Reclaimed water percolated
- Spatial distribution of agricultural land by crop
- Rate of percolation in surface water ways
- Subsurface flow

Task 5.7.2 Update Quantification of the Water Balance

An updated quantified water balance will be incorporated into the GSP Amendment. This will include revision of the historical and current periods to reflect the period since completion of the 2022 GSP and simulated future conditions consistent with the requirements of SGMA and the initial GSP. These data will be presented in text and a series of tables and graphs illustrating the components of the water balance for the entire Subbasin and each individual Management Area. We will include change in storage estimates for each of the periods and review and potentially revise the estimates of sustainable yield for each Management Area and the entire Subbasin.

Task 5.7 Deliverables:

- Administrative draft Water Balance chapter of the GSP Amendment in electronic formats

Task 5.8 Review and Revise Sustainability Criteria

This task will build on the SMC assessment completed for the Periodic Evaluation and include revisions to the GSP to incorporate any Sustainability Goal, SMC, MT, MO, UR, or other changes identified therein. We anticipate this task may include revisions to the water level, subsidence, water quality, and ISW SMCs. These revisions may include simple text changes to reframe and further explain the components and function of the SMC, which we expect may be the case for subsidence. However, they may also require additional analyses to be consistent with pending guidance from DWR, which will likely be the case for ISW. The effort for this task is shared with the Periodic Evaluation as the changes to SMC must be reflected in that document and then detailed in the GSP Amendment.

All changes to SMC will be consistent with GSP Regulations and the level of detail in the 2022 GSP. This will include documentation of technical reasoning for each SMC. It will also include definition of URs, MTs, and MOs. We anticipate all SMC modifications will be made in consultation and coordinated with BCGSA management. We also expect SMC discussion to be a topic of discussion with the TAC and a component of the second public workshop.

Task 5.8 Deliverables:

- Administrative draft Sustainability Criteria chapter of the GSP Amendment, delivered electronically

Task 5.9 Review and Revise Management Actions and Projects

In this task we will update management policies, programs, and projects for sustainable management of the Subbasin. Already recognized and proposed/planned projects and management actions (PMAs) included in the 2022 GSP will be updated and made current. Additional PMAs may be identified through the GSP Amendment process as local agencies and stakeholders consider undesirable results and thresholds; this task describes the process in which PMAs will be identified, evaluated, and selected relative to sustainability indicators. For selected PMAs, we will work with BCGSA and/or other project proponents to describe PMAs in terms of permitting, CEQA, and legal authority and how they would be implemented, including notification to the public and agencies when they are triggered or terminated.

Given that historical groundwater management has been comprehensive across Management Area boundaries, it is likely that some PMAs will be local or Management Area-specific. These will be described on the basis of the applicable Management Area(s).

Simulation of future scenarios with PMAs will identify the benefits of PMAs on local conditions, the overall and Management Area water balances, and for avoidance of undesirable results. These simulations can aid in selecting and refining proposed management actions and evaluating their potential effects. New or significantly updated PMAs will be simulated using the updated model to assess and document benefits to sustainability.

Task 5.9 Deliverables:

- Administrative draft Management Actions and Projects chapter, delivered electronically

Task 5.10 Update Plan for GSP Implementation and Monitoring Networks and Protocols

Task 5.10.1 GSP Implementation Update

Progress on PMAs have been reported on as part of each of the Annual Reports completed since submittal of the 2022 GSP. In this task we will update description of GSP implementation for the GSP Amendment. This will include steps for GSP and PMA implementation, including schedule and cost estimates. GSP implementation will be described on a Subbasin and Management Area basis, as appropriate. Modifications to the schedules, costs and annual reporting plans will be coordinated with BCGSA, as the entity responsible for GSP implementation.

Task 5.10.2 Monitoring Network Update

The 2022 GSP documented the Subbasin monitoring network that was in place at the time. This task will include preparation of an updated GSP monitoring network and associated protocols to reflect the limited changes to the Subbasin monitoring network that have occurred since 2022. The goals of the updated monitoring network will be to: 1) provide data relevant to the hydrogeologic conceptual model and water budget and future GSP Periodic Evaluations and Amendments, 2) provide tracking and early warning of changes to

groundwater conditions indicative of undesirable results, and 3) demonstrate maintenance of sustainability in the Subbasin.

As part of this task we will also work with BCGSA staff to evaluate the adequacy of the current monitoring network and associated protocols. This will include evaluation of gaps in the monitoring network and identification of approaches to addressing any gaps by adding new or replacement monitoring wells. The goal will be to maintain a monitoring network that is consistent with DWR's monitoring BMPs from which BCGSA can collect data of sufficient quality, distribution, and frequency to characterize groundwater and related surface water conditions and to track changes, including short-term, seasonal, and long-term trends.

All changes to the monitoring network will be described in a revised chapter for the GSP Amendment. The resulting chapter will describe the monitoring network in terms of its coverage of the relevant sustainability indicators consistent with the 2022 GSP. The description will include the following:

- Density of monitoring sites and frequency of measurements to demonstrate short-term, seasonal, and long-term trends
- Scientific rational for site selection
- Consistency with data and reporting standards
- Corresponding sustainability indicator, minimum threshold, measurable objective, and interim milestone
- Location and type of each site on a map.

Changes to monitoring protocols will also be documented. This will include technical standards, data collection methods, and other procedures or protocols to ensure reliable and comparable data and methodologies, consistent with SGMA and GSP Regulations. BCGSA staff can refer to these protocols in the future so that monitoring remains consistent and meets the requirements and goals of SGMA and the GSP, respectively.

Task 5.10 Deliverables:

- Administrative draft GSP Implementation and Monitoring Programs chapters, delivered electronically

Task 5.11 Prepare and Compile GSP Amendment

As indicated in the previous tasks, individual chapters of the GSP Amendment will be prepared as the project progresses. In addition, comments from BCGSA management and staff review will be incorporated as the GSP Amendment draft is developed in this task. This task also involves assembling the document into a coordinated and unified report that clearly describes the data, methods, and analyses in a stand-alone GSP.

Task 5.11.1 Assemble Draft GSP Chapters into Draft GSP

The draft GSP Amendment chapters with revisions from BCGSA management and staff review will be compiled and incorporated into a comprehensive draft GSP Amendment. The

draft GSP Amendment will be presented at one of the last technical workshops and the draft will subsequently be released to the public for additional review by the BCGSA Manager, BCGSA agency staff, and stakeholders if warranted. We will assist BCGSA in collecting comments during this public workshop and establishing a protocol for receiving and responding to written comments submitted following the workshop. For costing purposes, electronic submittals are assumed throughout this process.

Task 5.11.2 Prepare Final GSP

GSA and stakeholder comments will be incorporated into the Final GSP Amendment. The document will be presented at a public hearing, coincident with an BCGSA Regular or Special Board Meeting for adoption by the BCGSA GSA.

Task 5.11.3 Prepare Files for DWR Submittal

We will submit the GSP Amendment to DWR through the SGMA portal with all supporting documentation and references.

Task 5.11 Deliverables:

- Draft GSP Amendment for public release, delivered electronically as a pdf with all available appendices
- Final GSP Amendment for adoption by BCGSA and Valley Water GSA Boards and submittal to DWR, delivered electronically as a single pdf with all appendices
- Final GSP Amendment with comparison to 2022 GSP for submittal to DWR for review, delivered electronically as a single pdf of GSP Amendment text and figures

SCHEDULE

We are prepared to begin work on this project as soon as possible following a notice to proceed from BCGSA and will provide the final Periodic Evaluation and GSP Amendment prior to the January 2027 deadline for submittal to DWR. We recommend a meeting to establish the schedule for major project milestones be set immediately following notice to proceed. We will use the major milestone schedule to draft a summary schedule for the entire project for review and discussion with BCGSA staff and management thereafter.

BUDGET

We estimate the total to complete the scope of work presented above without the optional tasks at $434,125 including five Annual Reports. The optional GSP Amendment task is estimated to cost $256,325, bringing the total with the optional task to $690,450. A detailed cost estimate is included in the attached Table 1. Todd Groundwater invoices monthly on a time and material basis in accordance with the attached Schedule of Charges. While we typically increase rates annually in January, we have established a single set of rates for the duration of this project to assist the BCGSA in forecasting costs. We are willing to hold rates constant for the duration of the project in recognition of our long and important relationship with BCGSA.

Table 1. Estimated Costs - Bedford-Coldwater Subbasin GSP Periodic Evaluation, Annual Reports, and Optional Amendment

2026 through 2030 Hourly Rates	Chad Taylor, Principal Hydrogeologist $330/hr	Maureen Reilly, Principal Engineer $330/hr	Mike Maley, Principal Modeler $330/hr	Gus Yates, Project Hydrologist $330/hr	Menso de Jong, Project Geologist $290/hr	Kyle Young, Associate Project Geologist and Modeler $275/hr	Staff Geologist $205/hr	GIS Analyst / Graphics $200/hr	Administrative $170/hr	Total Labor Hours	Total Labor Costs	Tavel Costs	Total Costs
Task 1. Project Management													
Task 1.1 Manage Project	100	0	0	0	0	0	0	0	10	110	$34,700	$0	$34,700
Task 1.2 Progress Conference calls	50	10	0	0	0	20	0	0	0	80	$25,300	$0	$25,300
Task 1 Subtotal:	**150**	**10**	**0**	**0**	**0**	**20**	**0**	**0**	**10**	**190**	**$60,000**	**$0**	**$60,000**
Task 2. Compile and Review Data; Extend and Update Data Management System (DMS)	**10**	**10**	**5**	**5**	**5**	**20**	**0**	**10**	**0**	65	$18,850	**$0**	**$18,850**
Task 3. Periodic Evaluation of 2022 GSP													
Task 3.1 Meet with DWR Staff	20	5	5	5	5	20	0	0	0	60	$18,500	$0	$18,500
Task 3.2 Review GSP Basin Setting Chapters	5	5	0	5	0	40	10	0	0	65	$18,000	$0	$18,000
Task 3.3 Review Sustainability Indicator Performance	10	10	0	5	5	40	10	0	0	80	$22,750	$0	$22,750
Task 3.4 Prepare Part 1 Technical Memorandum	20	10	5	5	0	20	0	20	0	80	$22,700	$0	$22,700
Task 3.5 Prepare Periodic Evaluation	20	10	5	5	0	20	0	20	0	80	$22,700	$0	$22,700
Task 3 Subtotal:	**75**	**40**	**15**	**25**	**10**	**140**	**20**	**40**	**0**	**365**	**$104,650**	**$0**	**$104,650**
Task 4. Annual Reports for Water Years 2026 through 2030 (annual hourly estimate)													
Task 4.1 Compile and Review Annual and Semi-Annual Data	2	2	0	0	0	10	5	5	0	24	$6,095	$0	$6,095
Task 4.2 Prepare Annual Report Components	5	5	2	0	0	40	30	10	0	92	$23,110	$0	$23,110
Task 4.3 Prepare Annual Report	5	10	2	0	0	30	0	10	0	57	$15,860	$0	$15,860
Task 4.4 Submit Annual Reports and Semi-Annual Water Level Data to DWR	2	5	0	0	0	10	0	0	0	17	$5,060	$0	$5,060
Task 4 Annual Subtotal:	**14**	**22**	**4**	**0**	**0**	**90**	**35**	**25**	**0**	**190**	**$50,125**	**$0**	**$50,125**
Task 4 Subtotal for Five Water Years:	**70**	**110**	**20**	**0**	**0**	**450**	**175**	**125**	**0**	**950**	**$250,625**	**$0**	**$250,625**
Task 5. Optional GSP Amendment Preparation													
Task 5.1 Outreach and Stakeholder Engagement	60	20	0	0	0	40	0	20	0	140	$41,400	$2,000	$43,400
Task 5.2 Review Plan Area	5	5	0	0	0	10	0	0	0	20	$6,050	$0	$6,050
Task 5.3 Review Basin Setting Components	5	5	0	5	0	10	0	5	0	30	$8,700	$0	$8,700
Task 5.4 Review Hydrogeologic Conceptual Model (HCM)	5	0	5	0	5	10	0	10	0	35	$9,500	$0	$9,500
Task 5.5 Review and Update Groundwater Conditions Descriptions	5	10	0	0	0	30	20	20	0	85	$21,300	$0	$21,300
Task 5.6 Subbasin Surface Water and Groundwater Model Revisions	5	5	10	5	0	30	10	10	0	75	$20,550	$0	$20,550
Task 5.7 Update Water balance	5	10	10	0	0	30	10	20	0	85	$22,550	$0	$22,550
Task 5.8 Review and Revise Sustainability Criteria	20	20	0	10	40	50	20	10	0	170	$47,950	$0	$47,950
Task 5.9 Review and Revise Management Actions and Projects	10	5	10	0	10	20	0	5	0	60	$17,650	$0	$17,650
Task 5.10 Update Plan for GSP Implementation and Monitoring Networks and Protocols	5	5	0	0	10	10	5	10	0	45	$11,975	$0	$11,975
Task 5.11 Prepare and Compile GSP Amendment	40	20	10	5	10	40	10	20	0	155	$44,700	$2,000	$46,700
Task 5 Subtotal:	**165**	**105**	**45**	**25**	**75**	**280**	**75**	**130**	**0**	**900**	**$252,325**	**$4,000**	**$256,325**
Estimated Totals without Optional GSP Amendment:	**305**	**170**	**40**	**30**	**15**	**630**	**195**	**175**	**10**	**1,570**	**$434,125**	**$0**	**$434,125**
Estimated Totals with Optional GSP Amendment:	**470**	**275**	**85**	**55**	**90**	**910**	**270**	**305**	**10**	**2,470**	**$686,450**	**$4,000**	**$690,450**

SCHEDULE OF CHARGES – BCGSA 2026 through 2030

Title	Name	Hourly Rate
President	Iris Priestaf	$340
Principal Hydrogeologist / Vice President	Chad Taylor	$330
Principal Hydrogeologist	Michael Maley	$330
Principal Engineer	Maureen Reilly	$330
Principal Hydrogeologist	Liz Elliott	$330
Senior Hydrogeologist	Dan Craig	$330
Senior Hydrologist	Gus Yates	$330
Senior Hydrogeologist	Arden Wells	$290
Senior Engineer	Lindsay Hall	$290
Senior Hydrogeologist	Menso de Jong	$290
Consulting Hydrogeologist	Sally McCraven	$330
Consulting Engineer	Katherine White	$330
Consulting Modeler	Walt McNab	$300
Associate Geologist	Kyle Young	$275
Associate Engineer	Sebastien Poore	$240
Associate Geologist	Garrett Erickson	$240
Senior Data Analyst/Graphics	Michael Wottrich	$200
Staff Geologist	Edward Potts	$205
Staff Geologist	Nicole Grimm	$205
Staff Geologist	Evan Bosinger	$200
Office Manager	Cynthia Obuchi	$170

Travel Time

Travel time will be charged at regular hourly rates.

Litigation, Depositions, and Testimony

Deposition and trial testimony are charged at twice hourly rates.

Outside Services

All services not ordinarily furnished by Todd Groundwater, including printing, subcontracted services, local mileage, travel by common carrier, etc. are billed at cost + 15%. Local mileage is billed at the current Federal mileage rate.

BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: November 20, 2025

To: Board of Directors

From: Deputy Treasurer

SUBJECT: CONSIDER APPROVAL OF A CONTRACT WITH BABCOCK LABORATORIES, INC. TO CONDUCT ANNUAL GROUNDWATER QUALITY SAMPLING AND ANALYSIS

RECOMMENDATION:

1. Approve a Contract with Babcock Laboratories, Inc. to conduct annual groundwater sampling and analysis for 2025, 2026, and 2027 in the amount of $18,624, and

2. Authorize the Deputy Treasurer to execute the appropriate documents on behalf of the Authority.

BACKGROUND:

The Sustainable Groundwater Management Act (SGMA), effective January 1, 2015, was enacted in California to regulate and sustainably manage groundwater basins throughout the state. SGMA provides a framework to guide local public agencies and newly created Groundwater Sustainability Agencies (GSAs) in the management of their underlying groundwater basins, especially those considered critically affected as defined by the Department of Water Resources (DWR). The Bedford-Coldwater Groundwater Sustainability Authority (BCGSA) prepared a Groundwater Sustainability Plan (GSP) to maintain long-term groundwater sustainability in the Bedford-Coldwater Groundwater Subbasin.

The Bedford-Coldwater GSP was prepared from June 2018 through December 2021 with active outreach and public participation throughout the process. The GSP was adopted by BCGSA on December 18, 2021 and was submitted to the California Department of Water Resources (DWR) in January 2022. The 2022 GSP provides the basic information, analytical tools, and projects and management actions for continued groundwater management, guided by SGMA and by locally defined sustainability goals, objectives, and metrics.

As part of GSP implementation, the BCGSA has made steady progress on the projects and management actions identified in the Plan since its submittal. The management actions outlined in the GSP focus on data collection, storage, and reporting activities essential for monitoring sustainability and determining when additional actions may be needed—for example, when minimum thresholds are approached or exceeded. The five management actions identified in the GSP are:

1. Provide for Collection, Compilation, and Storage of Information Required for Annual Reports and Submit Annual Reports
2. Routinely Record Groundwater Levels and Take Action if Necessary
3. Monitor Selected Groundwater Quality Constituents and Coordinate with the Regional Water Quality Control Board as Appropriate
4. Track Trends in Groundwater Levels near Temescal Wash and Take Action
5. Review Interferometric Synthetic Aperture Radar (InSAR) Data on the California Department of Water Resources (DWR) Data Viewer During 5-Year Updates

DISCUSSION:

In support of the third management action, Monitor Selected Groundwater Quality Constituents and Coordinate with the Regional Water Quality Control Board as appropriate, the BCGSA has been sampling six groundwater production wells operated by TVWD and two BCGSA monitoring wells for fifteen constituents (e.g., major cations, anions, and other key parameters) to be incorporated into the five-year periodic evaluation.

Babcock Laboratories, Inc. has conducted groundwater sampling and laboratory analyses since 2021, most recently under a three-year contract covering 2022, 2023, and 2024. Given Babcock's expertise and familiarity with the wells, BCGSA staff requested that the Administrator develop a scope of work and obtain a proposal from Babcock to continue groundwater quality sampling and analysis for eight wells in the Bedford Coldwater Subbasin, as identified in the GSP, over the next three years (2025–2027).

The FY 2025/2026 Budget, approved by the BCGSA Board on February 20, 2025, includes funding for this work. BCGSA member agency staff recommend awarding a contract to Babcock Laboratories, Inc. in the amount of $6,208 per annual sampling event for three years, for a total of $18,624.

FISCAL IMPACT:

This item has been incorporated in the FY 2025-26 Budget.

ENVIRONMENTAL WORK STATUS:

Not applicable.

EXHIBITS/ATTACHMENTS:

Babcock Laboratories, Inc. Proposal

BEDFORD COLDWATER GROUNDWATER SUSTAINABILITY AUTHORITY PROFESSIONAL SERVICES AGREEMENT FOR ANNUAL GROUNDWATER QUALITY SAMPLING AND ANALYSIS

1. PARTIES AND DATE.

This Agreement is made and entered into on this _____ between the Bedford Coldwater Groundwater Sustainability Authority, a Joint Powers Authority with its principal place of business at 31315 Chaney St., Lake Elsinore, CA 92531 ("JPA") and Babcock Laboratories, Inc. corporation with its principal place of business at 6100 Quail Valley Ct., Riverside, CA 92507("Consultant"). JPA and Consultant are sometimes individually referred to as "Party" and collectively as "Parties" in this Agreement.

2. RECITALS.

2.1 Consultant.

Consultant desires to perform and assume responsibility for the provision of certain professional services required by the JPA on the terms and conditions set forth in this Agreement. Consultant represents that it is experienced in providing Sampling and Analysis services to public clients, is licensed in the State of California, and is familiar with the plans of JPA.

3. TERMS.

3.1 Scope and Schedule of Services.

3.1.1 General Scope of Services. Consultant promises and agrees to furnish to the JPA all labor, materials, tools, equipment, services, and incidental and customary work necessary to fully and adequately supply the professional Sampling and Analysis services necessary for the Project ("Services"). The Services are more particularly described in Exhibit "A" attached hereto and incorporated herein by reference. All Services shall be subject to, and performed in accordance with, this Agreement, the exhibits attached hereto and incorporated herein by reference, and all applicable local, state and federal laws, rules, and regulations.

3.1.2 Term. The term of this Agreement shall be from Contract execution to December 31, 2029, unless earlier terminated as provided herein. Consultant shall complete the Services within the term of this Agreement, and shall meet any other established schedules and deadlines. The Parties may, by mutual, written consent, extend the term of this Agreement if necessary to complete the Services.

3.1.3 Schedule of Services. Consultant shall perform the Services expeditiously, within the term of this Agreement, and in accordance with the Schedule of Services set forth in Exhibit "A" attached hereto and incorporated herein by reference. Consultant represents that it has the professional and technical personnel required to perform the Services in conformance with such conditions. In order to facilitate Consultant's conformance with the Schedule, JPA shall respond to Consultant's submittals in a timely manner. Upon request of JPA, Consultant shall provide a more detailed schedule of anticipated performance to meet the Schedule of Services.

3.2 Fees and Payments.

3.2.1 Compensation. Consultant shall receive compensation, including authorized reimbursements, for all Services rendered under this Agreement at the rates set forth in Exhibit ”A” attached hereto and incorporated herein by reference. The total compensation shall not exceed Eighteen Thousand Six Hundred Twenty-Four Dollars ($18,624.00) without written approval by JPA. Extra Work may be authorized, as described below, and if authorized, will be compensated at the rates and manner set forth in this Agreement.

3.2.2 Payment. Consultant shall submit to JPA a monthly itemized statement which indicates work completed and hours of Services rendered by Consultant. The statement shall describe the Services and supplies provided since the initial commencement date, or since the start of the subsequent billing periods, as appropriate, through the date of the statement. JPA shall, within 45 days of receiving such statement, review the statement and pay all approved charges thereon.

3.2.3 Reimbursement for Expenses. Consultant shall not be reimbursed for any expenses unless authorized in writing by JPA.

3.2.4 Extra Work. At any time during the term of this Agreement, JPA may request that Consultant perform Extra Work. As used herein, “Extra Work” means any work which is determined by JPA to be necessary for the proper completion of the Project, but which the parties did not reasonably anticipate would be necessary at the execution of this Agreement. Consultant shall not perform, nor be compensated for, Extra Work without written authorization by JPA.

3.3 Responsibilities of Consultant.

3.3.1 Control and Payment of Subordinates; Independent Contractor. The Services shall be performed by Consultant or under its supervision. Consultant will determine the means, methods and details of performing the Services subject to the requirements of this Agreement. JPA retains Consultant on an independent contractor basis and not as an employee. Consultant retains the right to perform similar or different services for others during the term of this Agreement. Any additional personnel performing the Services under this Agreement on behalf of Consultant shall also not be employees of JPA and shall at all times be under Consultant’s exclusive direction and control. Consultant shall pay all wages, salaries, and other amounts due such personnel in connection with their performance of Services under this Agreement and as required by law. Consultant shall be responsible for all reports and obligations respecting such additional personnel, including, but not limited to: social security taxes, income tax withholding, unemployment insurance, disability insurance, and workers’ compensation insurance.

3.3.2 Standard of Care; Performance of Employees. Consultant shall perform all Services under this Agreement in a skillful and competent manner, consistent with the standards generally recognized as being employed by professionals in the same discipline in the State of California. Consultant represents and maintains that it is skilled in the professional calling necessary to perform the Services. Consultant warrants that all employees and subconsultants shall have sufficient skill and experience to perform the Services assigned to them. Finally, Consultant represents that it, its employees and subconsultants have all licenses, permits, qualifications and approvals of whatever nature that are legally required to perform the Services, and that such licenses and approvals shall be maintained throughout the term of this Agreement.

As provided for in the indemnification provisions of this Agreement, Consultant shall perform, at its own cost and expense and without reimbursement from the JPA, any services necessary to correct errors or omissions which are caused by the Consultant's failure to comply with the standard of care provided for herein. Any employee of the Consultant or its sub-consultants who is determined by the JPA to be uncooperative, incompetent, a threat to the adequate or timely completion of the Project, a threat to the safety of persons or property, or any employee who fails or refuses to perform the Services in a manner acceptable to the JPA, shall be promptly removed from the Project by the Consultant and shall not be re-employed to perform any of the Services or to work on the Project.

3.3.3 Conformance to Applicable Requirements. All work prepared by Consultant shall be subject to the approval of JPA.

3.3.4 Substitution of Key Personnel. Consultant has represented to JPA that certain key personnel will perform and coordinate the Services under this Agreement. Should one or more of such personnel become unavailable, Consultant may substitute other personnel of at least equal competence upon written approval of JPA. In the event that JPA and Consultant cannot agree as to the substitution of key personnel, JPA shall be entitled to terminate this Agreement for cause. As discussed below, any personnel who fail or refuse to perform the Services in a manner acceptable to the JPA, or who are determined by the JPA to be uncooperative, incompetent, a threat to the adequate or timely completion of the Project or a threat to the safety of persons or property, shall be promptly removed from the Project by the Consultant at the request of the JPA. The key personnel for performance of this Agreement are as follows: Cathy Lijima.

3.3.5 Coordination of Services. Consultant agrees to work closely with JPA staff in the performance of Services and shall be available to JPA's staff, consultants and other staff at all reasonable times.

3.3.6 Laws and Regulations. Consultant shall keep itself fully informed of and in compliance with all local, state and federal laws, rules and regulations in any manner affecting the performance of the Project or the Services, including all Cal/OSHA requirements, and shall give all notices required by law. Consultant shall be liable for all violations of such laws and regulations in connection with Services. If the Consultant performs any work knowing it to be contrary to such laws, rules and regulations, Consultant shall be solely responsible for all costs arising therefrom. Consultant shall defend, indemnify and hold JPA, its officials, directors, officers, employees, and agents free and harmless, pursuant to the indemnification provisions of this Agreement, from any claim or liability arising out of any failure or alleged failure to comply with such laws, rules or regulations.

3.3.7 Labor Code Provisions.

(a) Prevailing Wages. Consultant is aware of the requirements of California Labor Code Section 1720, et seq., and 1770, et seq., as well as California Code of Regulations, Title 8, Section 16000, et seq., ("Prevailing Wage Laws"), which require the payment of prevailing wage rates and the performance of other requirements on "public works" and "maintenance" projects. If the Services are being performed as part of an applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, and if the total compensation is $1,000 or more, Consultant agrees to fully comply with such Prevailing Wage Laws. The JPA has obtained the general prevailing rate of wages, as determined by the Director of the Department of Industrial Relations, a copy of which is on file in the JPA's office and shall

be made available for viewing to any interested party upon request. Consultant shall make copies of the prevailing rates of per diem wages for each craft, classification or type of worker needed to execute the Services available to interested parties upon request, and shall post copies at the Consultant's principal place of business and at the project site. Consultant shall defend, indemnify and hold the JPA, its elected officials, officers, employees and agents free and harmless from any claim or liability arising out of any failure or alleged failure to comply with the Prevailing Wage Laws.

(b) Registration and Labor Compliance. If the services are being performed as part of an applicable "public works" or "maintenance" project, then, in addition to the foregoing, pursuant to Labor Code sections 1725.5 and 1771.1, the Consultant and all subconsultants must be registered with the Department of Industrial Relations ("DIR"). Consultant shall maintain registration for the duration of the project and require the same of any subconsultants. This project may also be subject to compliance monitoring and enforcement by the Department of Industrial Relations. It shall be Consultant's sole responsibility to comply with all applicable registration and labor compliance requirements, including the submission of payroll records directly to the DIR.

(c) Labor Certification. By its signature hereunder, Consultant certifies that it is aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of that Code, and agrees to comply with such provisions before commencing the performance of the Services.

3.3.8 Safety. Consultant shall execute and maintain its work so as to avoid injury or damage to any person or property. In carrying out its Services, the Consultant shall at all times be in compliance with all applicable local, state and federal laws, rules and regulations, and shall exercise all necessary precautions for the safety of employees appropriate to the nature of the work and the conditions under which the work is to be performed. Safety precautions as applicable shall include, but shall not be limited to: (A) adequate life protection and life-saving equipment and procedures; (B) instructions in accident prevention for all employees and subconsultants, such as safe walkways, scaffolds, fall protection ladders, bridges, gang planks, confined space procedures, trenching and shoring, equipment and other safety devices, equipment and wearing apparel as are necessary or lawfully required to prevent accidents or injuries; and (C) adequate facilities for the proper inspection and maintenance of all safety measures.

3.3.9 Accounting Records. Consultant shall maintain complete and accurate records with respect to all costs and expenses incurred under this Agreement. All such records shall be clearly identifiable. Consultant shall allow a representative of JPA during normal business hours to examine, audit, and make transcripts or copies of such records and any other documents created pursuant to this Agreement. Consultant shall allow inspection of all work, data, documents, proceedings, and activities related to the Agreement for a period of four (4) years from the date of final payment under this Agreement.

3.3.10 Air Quality. To the extent applicable, Consultant must fully comply with all applicable laws, rules and regulations in furnishing or using equipment and/or providing services, including, but not limited to, emissions limits and permitting requirements imposed by the South Coast Air Quality Management JPA (SCAQMD) and/or California Air Resources Board (CARB). Although the SCAQMD and CARB limits and requirements are more broad, Consultant shall specifically be aware of their application to "portable equipment", which definition is

considered by SCAQMD and CARB to include any item of equipment with a fuel-powered engine. Consultant shall indemnify JPA against any fines or penalties imposed by SCAQMD, CARB, or any other governmental or regulatory agency for violations of applicable laws, rules and/or regulations by Consultant, its subconsultants, or others for whom Consultant is responsible under its indemnity obligations provided for in this Agreement.

3.4 Representatives of the Parties.

3.4.1 JPA's Representative. The JPA hereby designates its Deputy Treasurer, or his or her designee, to act as its representative for the performance of this Agreement ("JPA's Representative"). Consultant shall not accept direction or orders from any person other than the JPA's Representative or his or her designee.

3.4.2 Consultant's Representative. Consultant hereby designates Cathy Lijima or his or her designee, to act as its representative for the performance of this Agreement ("Consultant's Representative"). Consultant's Representative shall have full authority to represent and act on behalf of the Consultant for all purposes under this Agreement. The Consultant's Representative shall supervise and direct the Services, using his best skill and attention, and shall be responsible for all means, methods, techniques, sequences, and procedures and for the satisfactory coordination of all portions of the Services under this Agreement.

3.5 Indemnification.

To the fullest extent permitted by law, Consultant shall immediately indemnify and hold the JPA, its directors, officials, officers, employees, volunteers and agents free and harmless from any and all claims, demands, causes of action, costs, expenses, liability, loss, damage or injury of any kind, in law or equity, to property or persons, including wrongful death, in any manner arising out of, pertaining to, or incident to any alleged acts, errors or omissions of Consultant, its officials, officers, employees, subcontractors, consultants or agents in connection with the performance of the Consultant's Services, the Project or this Agreement, including without limitation the payment of all consequential damages, expert witness fees and attorneys' fees and other related costs and expenses. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

Consultant shall immediately defend, with Counsel of JPA's choosing and at Consultant's own cost, expense and risk, any and all claims, suits, actions or other proceedings of every kind that may be brought or instituted against JPA or its directors, officials, officers, employees, volunteers and agents. Consultant shall pay and satisfy any judgment, award or decree that may be rendered against JPA or its directors, officials, officers, employees, volunteers and agents as part of any such claim, suit, action or other proceeding. Consultant shall also reimburse JPA for the cost of any settlement paid by JPA or its directors, officials, officers, employees, agents or volunteers as part of any such claim, suit, action or other proceeding. Such reimbursement shall include payment for JPA's attorneys' fees and costs, including expert witness fees. Consultant shall reimburse JPA and its directors, officials, officers, employees, agents, and/or volunteers, for any and all legal expenses and costs incurred by each of them in connection therewith or in enforcing the indemnity herein provided. Consultant's obligation to defend and indemnify shall survive expiration or termination of this Agreement, and shall not be restricted to insurance proceeds, if any, received by the JPA, its directors, officials, officers, employees, agents, or

volunteers.

3.6 Insurance.

3.6.1 Time for Compliance. Consultant shall not commence Work under this Agreement until it has provided evidence satisfactory to the JPA that it has secured all insurance required under this section. In addition, Consultant shall not allow any subconsultant to commence work on any subcontract until it has provided evidence satisfactory to the JPA that the subconsultant has secured all insurance required under this section. Failure to provide and maintain all required insurance shall be grounds for the JPA to terminate this Agreement for cause.

3.6.2 Minimum Requirements. Consultant shall, at its expense, procure and maintain for the duration of the Agreement insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the Agreement by the Consultant, its agents, representatives, employees or subconsultants. Consultant shall also require all of its subconsultants to procure and maintain the same insurance for the duration of the Agreement. Such insurance shall meet at least the following minimum levels of coverage:

(a) Commercial General Liability. Coverage for commercial general liability insurance shall be at least as broad as Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 0001). Consultant shall maintain limits no less than $2,000,000 per occurrence, or the full per occurrence limits of the policies available, whichever is greater, for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with general aggregate limit or product-completed operations aggregate limit is used, including but not limited to form CG 2503, either the general aggregate limit shall apply separately to this Agreement/location or the general aggregate limit shall be twice the required occurrence limit. The general liability policy shall include or be endorsed (amended) to state that: (1) the JPA, its directors, officials, officers, employees, agents, and volunteers shall be covered as additional insured with respect to the Work or operations performed by or on behalf of the Consultant, including materials, parts or equipment furnished in connection with such work using as broad a form as CG 20 10 11 85 or the latest versions of both CG 20 10 and CG 20 37; and (2) the insurance coverage shall be primary insurance as respects the JPA, its directors, officials, officers, employees, agents, and volunteers using as broad a form as CG 20 01 04 13, or if excess, shall stand in an unbroken chain of coverage excess of the Consultant's scheduled underlying coverage. Any insurance or self-insurance maintained by the JPA, its directors, officials, officers, employees, agents, and volunteers shall be excess of the Consultant's insurance and shall not be called upon to contribute with it in any way.

(b) Automobile Liability. Coverage shall be at least as broad as the latest version of the Insurance Services Office Business Auto Coverage form number CA 0001, code 1 (any auto). Consultant shall maintain limits no less than $1,000,000 per accident for bodily injury and property damage. The automobile liability policy shall include or be endorsed (amended) to state that: (1) the JPA, its directors, officials, officers, employees, agents, and volunteers shall be covered as additional insureds with respect to the ownership, operation, maintenance, use, loading or unloading of any auto owned, leased, hired or borrowed by the Consultant or for which the Consultant is responsible; and (2) the insurance coverage shall be primary insurance as respects the JPA, its directors, officials, officers, employees, agents, and volunteers, or if excess, shall stand in an unbroken chain of coverage excess of the Consultant's scheduled underlying coverage. Any insurance or self-insurance maintained by the JPA, its

directors, officials, officers, employees, agents, and volunteers shall be excess of the Consultant's insurance and shall not be called upon to contribute with it in any way. The automobile liability policy shall cover all owned, non-owned, and hired automobiles.

(c) Workers' Compensation and Employer's Liability Insurance. Consultant shall maintain Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance in an amount no less than $1,000,000 per accident for bodily injury or disease. The insurer shall agree to waive all rights of subrogation against the JPA, its directors, officials, officers, employees, agents, and volunteers for losses paid under the terms of the insurance policy which arise from work performed by the Consultant.

(d) Professional Liability. Consultant shall procure and maintain, and require its subconsultants to procure and maintain, for a period of five (5) years following completion of the Project, errors and omissions liability insurance appropriate to their profession covering Consultant's wrongful acts, negligent actions, errors or omissions. The retroactive date (if any) is to be no later than the effective date of this agreement. Consultant shall purchase a one-year extended reporting period: i) if the retroactive date is advanced past the effective date of this Agreement; ii) if the policy is canceled or not renewed; or iii) if the policy is replaced by another claims-made policy with a retroactive date subsequent to the effective date of this Agreement. Such insurance shall be in an amount not less than $2,000,000 per claim.

(e) Excess Liability (if necessary). The limits of Insurance required in this Agreement may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess coverage shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of the JPA (if agreed to in a written contract or agreement) before the JPA's own primary or self-Insurance shall be called upon to protect it as a named insured. The policy shall be endorsed to state that the JPA, its directors, officials, officers, employees, agents, and volunteers shall be covered as additional insured at least as broad a form as CG 20 10 11 85 or the latest versions of both CG 20 10 and CG 20 37. The coverage shall contain no special limitations on the scope of protection afforded to the JPA, its directors, officials, officers, employees, agents, and volunteers.

(f) All Coverages. The Consultant is required by this Agreement to state that: (i) coverage shall not be suspended, voided, reduced or canceled except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the JPA; If any of the required coverages expire or cancel during the term of this agreement, the Consultant shall deliver the renewal certificate(s) including the general liability additional insured endorsement to JPA at least ten (10) days prior to the cancellation or expiration date. and (ii) any failure to comply with reporting or other provisions of the policies, including breaches of warranties, shall not affect coverage provided to the JPA, its directors, officials, officers, employees, agents, and volunteers.

(g) Separation of Insureds; No Special Limitations. All insurance required by this Section shall contain standard separation of insureds provisions. In addition, such insurance shall not contain any special limitations on the scope of protection afforded to the JPA, its directors, officials, officers, employees, agents, and volunteers.

(h) Deductibles and Self-Insurance Retentions. Any deductibles or self-insured retentions must be declared to and approved by the JPA. Consultant shall guarantee that, at the option of the JPA, either: (i) the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the JPA, its directors, officials, officers, employees, agents,

and volunteers; and insurer shall provide or be endorsed to provide that the deductibles or SIR may be satisfied by either the named or additional insureds, co-insurers, and/or insureds other than the First Named Insured or (ii) the Consultant shall procure a bond guaranteeing payment of losses and related investigation costs, claims, and administrative and defense expenses.

3.6.3 Acceptability of Insurers. Insurance is to be placed with insurers with a current A.M. Best's rating no less than A-:VII or equivalent, or as otherwise approved by the JPA.

3.6.4 Verification of Coverage. Consultant shall furnish the JPA with original certificates of insurance and endorsements effecting coverage required by this Agreement on forms satisfactory to the JPA. The certificates and endorsements for each insurance policy shall be signed by a person authorized by that insurer to bind coverage on its behalf, and shall be on forms provided by the JPA if requested. All certificates and endorsements must be received and approved by the JPA before work commences. The JPA reserves the right to require complete, certified copies of all required insurance policies, at any time. In the event that the Consultant employs other consultants (sub-consultants) as part of the services covered by this agreement, it shall be the Consultant's responsibility to require and confirm that each sub-consultant meets the minimum insurance requirements specified above.

3.6.5 Reporting of Claims. Consultant shall report to the JPA, in addition to Consultant's insurer, any and all insurance claims submitted by Consultant in connection with the Services under this Agreement.

3.7 Termination of Agreement.

3.7.1 Grounds for Termination. JPA may, by written notice to Consultant, terminate the whole or any part of this Agreement at any time and without cause by giving written notice to Consultant of such termination, and specifying the effective date thereof, at least seven (7) days before the effective date of such termination. Upon termination, Consultant shall be compensated only for those services which have been adequately rendered to JPA, and Consultant shall be entitled to no further compensation. Consultant may not terminate this Agreement except for cause.

3.7.2 Effect of Termination. If this Agreement is terminated as provided herein, JPA may require Consultant to provide all finished or unfinished Documents and Data and other information of any kind prepared by Consultant in connection with the performance of Services under this Agreement. Consultant shall be required to provide such document and other information within fifteen (15) days of the request.

3.7.3 Additional Services. In the event this Agreement is terminated in whole or in part as provided herein, JPA may procure, upon such terms and in such manner as it may determine appropriate, services similar to those terminated.

3.8 Ownership of Materials and Confidentiality.

3.8.1 Documents & Data; Licensing of Intellectual Property. This Agreement creates a non-exclusive and perpetual license for JPA to copy, use, modify, reuse, or sublicense any and all copyrights, designs, and other intellectual property embodied in plans, specifications, studies, drawings, estimates, and other documents or works of authorship fixed in any tangible medium of expression, including but not limited to, physical drawings or data magnetically or otherwise recorded on computer diskettes, which are prepared or caused to be prepared by

Consultant under this Agreement ("Documents & Data"). All Documents & Data shall be and remain the property of JPA, and shall not be used in whole or in substantial part by Consultant on other projects without the JPA's express written permission. Within thirty (30) days following the completion, suspension, abandonment or termination of this Agreement, Consultant shall provide to JPA reproducible copies of all Documents & Data, in a form and amount required by JPA. JPA reserves the right to select the method of document reproduction and to establish where the reproduction will be accomplished. The reproduction expense shall be borne by JPA at the actual cost of duplication. In the event of a dispute regarding the amount of compensation to which the Consultant is entitled under the termination provisions of this Agreement, Consultant shall provide all Documents & Data to JPA upon payment of the undisputed amount. Consultant shall have no right to retain or fail to provide to JPA any such documents pending resolution of the dispute. In addition, Consultant shall retain copies of all Documents & Data on file for a minimum of fifteen (15) years following completion of the Project, and shall make copies available to JPA upon the payment of actual reasonable duplication costs. Before destroying the Documents & Data following this retention period, Consultant shall make a reasonable effort to notify JPA and provide JPA with the opportunity to obtain the documents.

3.8.2 Subconsultants. Consultant shall require all subconsultants to agree in writing that JPA is granted a non-exclusive and perpetual license for any Documents & Data the subconsultant prepares under this Agreement. Consultant represents and warrants that Consultant has the legal right to license any and all Documents & Data. Consultant makes no such representation and warranty in regard to Documents & Data which were prepared by design professionals other than Consultant or its subconsultants, or those provided to Consultant by the JPA.

3.8.3 Right to Use. JPA shall not be limited in any way in its use or reuse of the Documents and Data or any part of them at any time for purposes of this Project or another project, provided that any such use not within the purposes intended by this Agreement or on a project other than this Project without employing the services of Consultant shall be at JPA's sole risk. If JPA uses or reuses the Documents & Data on any project other than this Project, it shall remove the Consultant's seal from the Documents & Data and indemnify and hold harmless Consultant and its officers, directors, agents and employees from claims arising out of the negligent use or re-use of the Documents & Data on such other project. Consultant shall be responsible and liable for its Documents & Data, pursuant to the terms of this Agreement, only with respect to the condition of the Documents & Data at the time they are provided to the JPA upon completion, suspension, abandonment or termination. Consultant shall not be responsible or liable for any revisions to the Documents & Data made by any party other than Consultant, a party for whom the Consultant is legally responsible or liable, or anyone approved by the Consultant.

3.8.4 Indemnification. Consultant shall defend, indemnify and hold the JPA, its directors, officials, officers, employees, volunteers and agents free and harmless, pursuant to the indemnification provisions of this Agreement, for any alleged infringement of any patent, copyright, trade secret, trade name, trademark, or any other proprietary right of any person or entity in consequence of the use on the Project by JPA of the Documents & Data, including any method, process, product, or concept specified or depicted.

3.8.5 Confidentiality. All Documents & Data, either created by or provided to Consultant in connection with the performance of this Agreement, shall be held confidential by Consultant. All Documents & Data shall not, without the prior written consent of JPA, be used or reproduced by Consultant for any purposes other than the performance of the Services.

Consultant shall not disclose, cause or facilitate the disclosure of the Documents & Data to any person or entity not connected with the performance of the Services or the Project. Nothing furnished to Consultant that is otherwise known to Consultant or is generally known, or has become known, to the related industry shall be deemed confidential. Consultant shall not use JPA's name or insignia, photographs of the Project, or any publicity pertaining to the Services or the Project in any magazine, trade paper, newspaper, television or radio production or other similar medium without the prior written consent of JPA.

3.9 Subcontracting/Subconsulting.

3.9.1 Prior Approval Required. Consultant shall not subcontract any portion of the work required by this Agreement, except as expressly stated herein, without prior written approval of JPA. Subcontracts, if any, shall contain a provision making them subject to all provisions stipulated in this Agreement.

3.10 General Provisions.

3.10.1 Delivery of Notices. All notices permitted or required under this Agreement shall be given to the respective parties at the following address, or at such other address as the respective parties may provide in writing for this purpose:

JPA:	**CONSULTANT:**
Bedford Coldwater Groundwater Sustainability Authority 31315 Chaney St Lake Elsinore, CA 92531 Attn: Parag Kalaria	Babcock Laboratories, Inc. 6100 Quail Valley Ct. Riverside, CA 92507 Attn: Cathy Lijima

Such notice shall be deemed made when personally delivered or when mailed, forty-eight (48) hours after deposit in the U.S. Mail, first class postage prepaid and addressed to the party at its applicable address. Actual notice shall be deemed adequate notice on the date actual notice occurred, regardless of the method of service.

3.10.2 Equal Opportunity Employment. Consultant represents that it is an equal opportunity employer and it shall not discriminate against any subconsultant, employee or applicant for employment because of race, religion, color, national origin, handicap, ancestry, sex or age. Such non-discrimination shall include, but not be limited to, all activities related to initial employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff or termination. Consultant shall also comply with all relevant provisions of JPA's Minority Business Enterprise program, Affirmative Action Plan or other related programs or guidelines currently in effect or hereinafter enacted.

3.10.3 Time of Essence. Time is of the essence for each and every provision of this Agreement.

3.10.4 JPA's Right to Employ Other Consultants. JPA reserves the right to employ other consultants in connection with this Project.

3.10.5 Successors and Assigns. This Agreement shall be binding on the successors and assigns of the parties.

3.10.6 Assignment or Transfer. Consultant shall not assign, hypothecate or transfer, either directly or by operation of law, this Agreement or any interest herein without the prior written consent of the JPA. Any attempt to do so shall be null and void, and any assignees, hypothecates or transferees shall acquire no right or interest by reason of such attempted assignment, hypothecation or transfer.

3.10.7 Construction; References; Captions. Since the Parties or their agents have participated fully in the preparation of this Agreement, the language of this Agreement shall be construed simply, according to its fair meaning, and not strictly for or against any Party. Any term referencing time, days or period for performance shall be deemed calendar days and not work days. All references to Consultant include all personnel, employees, agents, and subconsultants of Consultant, except as otherwise specified in this Agreement. All references to JPA include its elected officials, officers, employees, agents, and volunteers except as otherwise specified in this Agreement. The captions of the various articles and paragraphs are for convenience and ease of reference only, and do not define, limit, augment, or describe the scope, content or intent of this Agreement.

3.10.8 Amendment; Modification. No supplement, modification or amendment of this Agreement shall be binding unless executed in writing and signed by both Parties.

3.10.9 Waiver. No waiver of any default shall constitute a waiver of any other default or breach, whether of the same or other covenant or condition. No waiver, benefit, privilege, or service voluntarily given or performed by a Party shall give the other Party any contractual rights by custom, estoppel or otherwise.

3.10.10 No Third-Party Beneficiaries. There are no intended third-party beneficiaries of any right or obligation assumed by the Parties.

3.10.11 Invalidity; Severability. If any portion of this Agreement is declared invalid, illegal, or otherwise unenforceable by a court of competent jurisdiction, the remaining provisions shall continue in full force and effect.

3.10.12 Prohibited Interests. Consultant maintains and warrants that it has not employed nor retained any company or person, other than a bona fide employee working solely for Consultant, to solicit or secure this Agreement. Further, Consultant warrants that it has not paid nor has it agreed to pay any company or person, other than a bona fide employee working solely for Consultant, any fee, commission, percentage, brokerage fee, gift or other consideration contingent upon or resulting from the award or making of this Agreement. Consultant further agrees to file, or shall cause its employees or subconsultants to file, a Statement of Economic Interest with the JPA's Filing Officer as required under state law in the performance of the Services. For breach or violation of this warranty, JPA shall have the right to rescind this Agreement without liability. For the term of this Agreement, no member, officer or employee of JPA, during the term of his or her service with JPA, shall have any direct interest in this Agreement, or obtain any present or anticipated material benefit arising therefrom.

3.10.13 Cooperation; Further Acts. The Parties shall fully cooperate with one another, and shall take any additional acts or sign any additional documents as may be necessary, appropriate or convenient to attain the purposes of this Agreement.

3.10.14 Governing Law. This Agreement shall be governed by the laws of the State of California. Venue shall be in Riverside County.

3.10.15 Government Code Claim Compliance. In addition to any and all contract requirements pertaining to notices of and requests for compensation or payment for extra work, disputed work, claims and/or changed conditions, Consultant must comply with the claim procedures set forth in Government Code sections 900 et seq. prior to filing any lawsuit against the JPA. Such Government Code claims and any subsequent lawsuit based upon the Government Code claims shall be limited to those matters that remain unresolved after all procedures pertaining to extra work, disputed work, claims, and/or changed conditions have been followed by Consultant. If no such Government Code claim is submitted, or if any prerequisite contractual requirements are not otherwise satisfied as specified herein, Consultant shall be barred from bringing and maintaining a valid lawsuit against the JPA.

3.10.16 Attorneys' Fees. If either party commences an action against the other party, either legal, administrative or otherwise, arising out of or in connection with this Agreement, the prevailing party in such litigation shall be entitled to have and recover from the losing party reasonable attorneys' fees and all other costs of such action.

3.10.17 Authority to Enter Agreement. Consultant has all requisite power and authority to conduct its business and to execute, deliver, and perform the Agreement. Each Party warrants that the individuals who have signed this Agreement have the legal power, right, and authority to make this Agreement and bind each respective Party.

3.10.18 Counterparts. This Agreement may be signed in counterparts, each of which shall constitute an original.

3.10.19 Signatures. The Parties hereto hereby agree that electronic signatures are acceptable and shall have the same force and effect as original wet signatures.

Entire Agreement. This Agreement contains the entire Agreement of the parties with respect to the subject matter hereof, and supersedes all prior negotiations, understandings or agreements. This Agreement may only be modified by a writing signed by both parties.

SIGNATURES ON THE FOLLOWING PAGES

SIGNATURE PAGE TO THE
PROFESSIONAL SERVICES AGREEMENT FOR
FOR ANNUAL GROUNDWATER QUALITY SAMPLING AND ANALYSIS

BEDFORD-COLDWATER SUSTAINABILITY AUTHORITY:

By:_____

Printed Name:_____

Title:_____

Dated:_____

BABCOCK LABORATORIES, INC

By: Colleen Thompson
(Authorized Representative of Vendor)

Printed Name: **Colleen Thompson**

Title: **Officer of Executive Affairs**

Dated: **11/18/2025**

Transmittal Cover Letter

September 10, 2025

Bedford-Coldwater Groundwater Sustainability Authority:

Babcock Laboratories, Inc. is one of the Inland Empire's most experienced businesses, with facilities located in the City of Riverside since 1906 when the company was founded. Over the years the laboratory has grown in reputation and capabilities. For the past thirty-three years the primary lab facilities have been located at:

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In 2004 Babcock Labs expanded its facilities to include an adjacent, custom-designed building that houses supplementary laboratories and a large conference room which is frequently used to provide Babcock Labs clients with technical trainings and seminars.

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Riverside, CA 92507

Hours of Operation: Monday – Friday: 8:00 AM – 5:00 PM
Website: www.BabcockLabs.com
Phone Number: 951 653-3351 Fax: 951 653-1662
Proposal Contact: Cathleen S. Iijima; Email: ciijima@babcocklabs.com Direct Ext: x135

Attached please find the Babcock Laboratories, Inc. response to Bedford-Coldwater Groundwater Sustainability Authority Request for Proposals for Groundwater Sampling at Existing Production Wells.

We have reviewed the requirements of the proposal and are confident in the ability of Babcock to provide these services according to the RFP specifications. The pricing provided in our response will remain valid for a period of 90 days.

Respectfully submitted,

Cathleen S. Iijima
Client Relations Manager
Babcock Laboratories, Inc.

Understanding of Project

SCOPE OF SERVICES

The Bedford Coldwater Groundwater Sustainability Authority (BCGSA) has requested a proposal for services to collect and analyze samples from several existing groundwater monitoring and production wells in the Bedford Coldwater Subbasin. Babcock Labs' team of experienced environmental professionals has reviewed the BCGSA RFP document and is pleased to provide the following proposal demonstrating Babcock staff familiarity and understanding of the project. Babcock has extensive experience and expertise in the various services required.

Babcock Labs is experienced with groundwater monitoring sample collection and analysis for a variety of constituents, including the emerging contaminant PFAS. We are staffed with trained field, laboratory, and management staff and have the procedures, equipment, and resources necessary for successful completion of a project of this scope.

SAMPLE COLLECTION & HANDLING

Babcock Labs functions under a comprehensive, National Environmental Laboratory Accreditation Program (NELAP-TNI) compliant Quality Management System (QMS) which includes a Quality Manual and Standard Operating Procedures (SOPs) that meet or exceed State and Federal regulatory guidelines including those of 40 CFR 141-143 and 40 CFR 136. For the BCGSA project Babcock field technicians will provide sample collection bottles with appropriate preservatives, cooler(s), ice pack(s), and all additional packing items to ensure sample integrity is maintained during collection and transport.

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SAMPLE REPORTS & DELIVERABLES

Upon completion of analysis, which will routinely meet method holding times and occur within 10 business day turnaround time, all reports will be sent via electronic mail in PDF format along with 4 hard copies mailed to the specified address. A personalized EDD will also be sent as a summary excel spreadsheet.

Additionally, Babcock Project Management agrees to notify Bedford-Coldwater Groundwater Sustainability Authority if:

- Turnaround time cannot be met and will include estimated time of completion.
- Reanalysis is needed due to holding time and, if caused by lab error,

Recollection and analysis will be conducted at no additional charge for errors caused by lab.

Babcock final reports and electronic deliverables will include identification of sampling location, narrative of sampling procedures, a copy of the chain of custody, and documented field parameters during purging. All reports will also include the method and corresponding reporting limit (RL) next to each constituent analyzed.

QUALIFICATIONS

The list of laboratory analyses for which Babcock maintains accreditation through the California Environmental Laboratory Accreditation Program (ELAP), may be found in Appendix A. Additionally, Babcock Labs has received EPA certification for each round of UCMR since the beginning of the program, and has ample experience serving both Large Systems and Small Systems under the EPA Federal Small Systems contracts.

Babcock Labs analyzes Performance Evaluation (PE) samples for all accredited analytes twice each year. PEs are samples obtained from independent 3rd party providers and contain unknown levels of the various method target analytes. The results are reported to the PE provider and then evaluated and reported to the regulatory agencies and the laboratory. Babcock routinely analyzes more than 300 drinking water and 720 wastewater PE analytes every six months and routinely scores in the 98% and better range for result acceptance overall.

Immediate root cause analysis and Corrective Action Reports (CARs) are implemented for any unacceptable analyte results, including replacement PEs

A comprehensive *Statement of Qualification* may be found in Appendix B.

QUALITY SYSTEMS

As mentioned above, Babcock Labs operates under a comprehensive QMS which includes a Quality Assurance Program (QAP) modeled on the EPA requirements for UCMR, the EPA Lab Certification Manual for Drinking Water Laboratories, ISO17025, and the lab standards of The NELAC Institute (TNI/NELAC).

The program traces the path of samples throughout the lab and the workflow and responsibilities generated at each step from initial sample collection/pickup through final reporting, documentation, and record keeping. The policies and procedures established reflect our commitment to reliably generate accurate, scientifically valid and defensible compliance data of known and documented quality. Each employee in our organization is familiar with and responsible for implementation of the quality control policies of the laboratory. Management enforces quality practices throughout all areas of the company and across all staff through training, Standard Operating Procedures (SOPs), method and system audits (internal and external), and root-cause analysis. The QAP is reviewed and updated at least annually and includes the following elements:

- Formalized and validated operational and analytical standard operating procedures

- Annual demonstrations of accuracy and verification of method detection limits for all compliance analyses
- Formalized and validated procedures for sampling, sample transportation, sample identification, custody, and analytical documentation and reporting
- Method specific demonstration of proficiency requirements for each analytical method
- Quality control criteria for all laboratory conditions including equipment, instrumentation, method, batch, sample, environmental, reagent, and lab standard conditions
- Responsive root-cause documentation, analysis, and corrective actions
- Formal process of independent data review at the peer, supervisor, lab manager, and project management levels
- Guidelines for integration with LIMS for statistical and historical evaluation of data on a project specific or aggregate basis
- Description of both internal and external auditing program for methods, analysts, procedures and management, including audit reviews.

Personnel

Babcock Labs has a dedicated team of laboratory professionals, comprised of experienced analysts, highly trained field technicians, seasoned corporate officers and administrative staff, and friendly and helpful customer service personnel. Babcock Labs staff is knowledgeable of water testing protocols and regulations set forth by the State Water Resources Control Board – Division of Drinking Water (DWW), the California Code of Regulations Title 22 (Title 22), the Environmental Protection Agency (EPA), and the Regional Water Quality Control Boards.

Upon contract award, the designated Authority personnel will be introduced to the Client Relations Manager, the assigned Project Manager, the Field Dept. Manager, and other key lab contacts. The Project Manager will confirm direct contact information and verify project requirements, expectations, and the anticipated schedule. The Project Manager will act as a liaison to Bedford-Coldwater Groundwater Sustainability Authority (BCGWA), coordinating between BCGWA and various Babcock Labs personnel as needed.

AMANDA PORTER, PROJECT MANAGER

Ms. Porter began working for Babcock Laboratories, Inc. in December of 2015 and has over 27 years of environmental laboratory experience, 20 of which have been in a project manager role.

Ms. Porter is knowledgeable in numerous aspects of the environmental laboratory including EPA and Standard Methods procedures, quality control requirements, regulatory compliance objectives and client deliverables. She has experience with all stages of project management, beginning with the Quality Assurance Project Plans (QAPP) and extending to proper containers, preservatives, holding times, field and transportation documentation, and analytical results delivery schedules.

As Project Manager, she is responsible for coordinating client project needs, ensuring all analytical and project requirements are met. She also performs final review of client data reports, deliverables, and invoices. Ms. Porter acts as the liaison between the laboratory and client. She serves as the primary contact, coordinating all aspects of service, including project-specific requirements, field and courier services, sample analyses, reporting, and addressing all questions and any other customer service needs.

OMAR SOSA, FIELD SERVICES MANAGER

Mr. Sosa received detailed training from environmental field technician veterans in the protocols of sampling, preservation, hold-times, maintenance of chain of custody records, and the proper documentation of the sample collection process. He adheres to all safety and sampling SOPs, which are informed by AWWA and regulatory requirements. He also performs various analytical tests in the field such as chlorine residual, pH, and temperature.

Mr. Sosa is well versed in the proper installation of ISCO composite sampling pumps and devices, ultrasonic flow meters, and continuous monitoring devices. He is also experienced with the use of portable Grundfos groundwater pumps and field measurements of depth to water, conductivity, pH, etc.

As Field Services Supervisor, Mr. Omar oversees Babcock Labs' in-house department of field technicians. Mr. Sosa conducts training and verifies the field staff are properly trained on Babcock safety and sampling SOPs. He is responsible for coordinating sampling schedules and ensuring prompt and satisfactory client service. Mr. Sosa consults with the Project Managers, Assistants, and Sample Receiving daily and works with clients to ensure all sampling materials are delivered promptly, and all sample pick-ups and transportation are conducted on schedule and in a timely fashion.

Some of Mr. Sosa's key clients include California State Polytechnic University, Pomona, 29 Palms Marine Corp. Logistics Base, and Pala Band of Mission Indians.

URVASHI PATEL, VP OF LABORATORY OPERATIONS

Ms. Patel has 27 plus years of experience in the Environmental Industry. She began her career as an entry level Bench Chemist, advanced to Senior Chemist and became department manager of LUFT, VOA and Semi-VOA departments through the years. Ms. Patel became a Project Manager in 2012 where she excelled at project development, client deliverables and performance management. She was promoted to the Client Service Manager role where she continually exceeded expectations in employee development, client relationship management, process improvements, problem-solving, and project budget administration.

Ms. Patel began working for Babcock Laboratories in January 2022. Her current responsibilities include supervising and managing all laboratory operations, including Microbiology, Wet Chemistry, Trace Metals, Volatile and Semi-volatile Organics, and Field Departments. In this role, Ms. Patel is accountable for streamlining operations and increasing productivity by looking for continuous improvements in processes and technology.

RACHEL CAHILL, LABORATORY TECHNICAL DIRECTOR

Ms. Cahill joined Babcock Laboratories, Inc as Laboratory Technical Director in January of 2023. She has 23 plus years of experience in analytical chemistry in the environmental, industrial, food, agricultural, and pharmaceutical industries, including experience as an Extraction Laboratory Technician, Volatiles Analyst, Analytical Chemist, and Materials Application Testing Specialist. Ms. Cahill's specialty is liquid chromatography; however, she has experience with a wide range of methodology & instrumentation, including GC/GC-MS, HPLC/HPLC-MS, IC, NMR, FTIR, TGA, DSC, AA, ICP/ICP-MS & numerous wet chemistry, rheological and materials testing techniques.

As the Laboratory Technical Director and part of the executive team, she leads the Technical & IT groups, strategically plans, directs, coordinates, and oversees all technical activities in the organization, ensuring development and implementation of methodology and processes to meet current and future needs of the organization. Ms. Cahill also collaborates with the executive leadership to develop and meet company goals while supplying expertise and guidance on technical and information technology projects and initiatives. She is accountable for the technical integrity of the data produced by the laboratory, the system suitability & maintenance of the instrumentation and reliability, and cyber security of the IT systems, including the Laboratory Information Management System (LIMS).

OTHER KEY PERSONNEL

Table B: Key Personnel

Team Member	**Role**	**Years of Experience**
Tiffany Gomez	Chief Executive Officer	**23**
Urvashi Patel	VP of Laboratory Operations	**27**
Rachel Cahill	Laboratory Technical Director	**25**
Cathy Iijima	Client Relations Manager	**39**
Omar Sosa	Field Department Manager	**14**
Amanda Porter	Project Manager	**27**
Julia Sudds	Quality Division Leader	**32**
Matthew Gooch	Inorganics Department Manager	**7**
Maria Maestas	Technical Manager-Inorganics	**21**

References and List of Representative Projects

Provided below is a list various cities and districts with projects of similar scope currently under contract with Babcock Laboratories. Babcock Laboratories provides analytical services for these clients in support of required California Title 22 regulations, wastewater treatment facility operations in compliance with Waste Discharge Regulations (WDR) and NPDES, or Industrial Pretreatment Regulations. These projects include the provision of lab services for the generation of PFAS data associated with State Board PFAS investigation orders.

TWENTYNINE PALMS MARINE CORPS AIR GROUND COMBAT CENTER (29 PALMS)

Box 788106
NREA Building 1418
Twentynine Palms, CA 92278
Contact: Chris Elliott
Email: chris.elliott@usmc.mil
Period of Performance: Over 25 years – Current contract since 01/01/25
Contract Value: $250,000.00 Annually

Babcock Laboratories performs daily sampling and analysis for the 29 Palms Marine Base located approximately 95 miles from our laboratory facilities. Babcock Labs furnishes all materials, labor, equipment, and supervision to retrieve drinking water and wastewater samples from various locations throughout the 596,000-acre (931 square mile) combat center. Samples are collected five days per week by Babcock Labs field technicians. Results are reported to both SWRCB for both drinking water analyses and NPDES compliance monitoring. Babcock Labs has also provided 29 Palms with UCMR sampling and analytical testing services and data uploads which include EPA 537.

CITY OF SAN BERNARDINO WATER

399 Chandler Place
San Bernardino, CA 92408
Contact: Jennifer Shepardson
Email: Jennifer.Shepardson@sbmwd.org
Period of Performance: Over 45 years – Current contract since 07/01/2020
Contract Value: $650,000.00 Annually

The City of San Bernardino's Water Reclamation System includes two major treatment facilities that are regulated under Waste Discharge Requirements (including NPDES permits) issued by the RWQCB. The recycled water is continuously monitored to ensure compliance with all state and federal standards. The Water Reclamation Facility has a pretreatment program which requires routine monitoring of industrial and commercial discharges to the sewer collection

system connected to the Reclamation facility. Babcock Labs performs Wastewater analytical services, for compliance monitoring, daily process control, as well as providing assistance with their Industrial Pretreatment Program. Process control samples are analyzed and reported for same day or one day turnaround. In addition, Babcock Laboratories provides sample pick-up daily at the two treatment plants operated by the City, weekends and holidays included. Babcock Labs provides daily preliminary coliform readings, and custom reporting to the City. Babcock Labs has been serving the City in this capacity for over 45 years.

Babcock Laboratories also provides analytical services to the City's Water Department to comply with California Division of Drinking Water Title 22 regulations and DDW orders. Babcock Laboratories not only provides compliance analytical results uploaded into the DDW program, but also creates and delivers custom EDDs for the City's own databaseBabcock Labs provides the city sample bottles kits with customized labels and Chain of Custody forms, along with daily sample pick-ups.

EASTERN MUNICIPAL WATER DISTRICT

2270 Trumble Road
Perris CA, 92572
Contact: Suzanne Watson
Email: watsons@emwd.org
Period of Performance: Over 45 years – Current contract since 07/01/2022
Contract Value: $200,000.00 Annually

Babcock Laboratories partners with Eastern Municipal Water District in support of their own municipal laboratory. We analyze drinking water, wastewater and sludge samples to project specific requirements and provide sample pickups on a scheduled and on-call basis. In 2019 when Eastern MWD was upgrading their own laboratory, construction schedules required EMWD to completely shut down their laboratory for 6 months. During this time all samples for compliance and process control were analyzed by Babcock Laboratories. Babcock Labs provides custom reporting, including custom EDD's uploaded into EMWD's LIMS systems. Babcock Labs also provides EMWD with UCMR analytical testing services and data uploads.

RIVERSIDE CITY WATER QUALITY CONTROL PLANT

5950 Acorn Street
Riverside CA, 92504
Contact: Kevin Sudds, Lab Director Phone: (951) 351-6016
Email: ksudds@riversideca.gov
Period of Performance: Overall 30+ years – Current contract since 07/01/2023
Contract Value: $60,000.00 Annually

Babcock Laboratories partners with the City of Riverside – Water Quality Control Plant in support of their own municipal laboratory. Babcock Labs performs wastewater and biosolids analytical services for compliance monitoring, as well as providing assistance with their Industrial Pretreatment Program. Analyses are required to meet project specific requirements and Babcock provides sample pickups on a scheduled and on-call basis. Babcock Labs has

also provided sampling and analysis services for the recent SWRCB investigative order for PFAS testing at the POTWs.

CITY OF RIVERSIDE PUBLIC UTILITIES

2911 Adams Street
Riverside CA, 92504
Contact: Robin Glenney, Water Quality Administrator Phone: (951)357-6344
Email: rglenney@riversideca.gov
Period of Performance: Overall 25+ years – Current contract since 09/01/2022
Contract Value: $1,000,000.00 Annually

Babcock Laboratories also provides analytical services to the City's Water Department to comply with California Division of Drinking Water Title 22 regulations. Babcock Laboratories not only provides compliance analytical results uploaded into the DDW program but also uploads daily into WaterTrax. Babcock Labs provides the city sample bottles kits with customized labels and Chain of Custody forms, along with daily sample pick-ups.

Babcock Labs also provides the City with UCMR analytical testing services and data uploads.

WESTERN MUNICIPAL WATER DISTRICT

14205 Meridian Parkway
Riverside CA, 92508
Contact: Lyndy Lewis
Phone: (951) 571-7277
Email: llewis@wmwd.com
Period of Performance: Over 45 years – Current contract since 07/01/2025
Contract Value: $250,000.00 Annually

Western Municipal Water District serves roughly 23,000 retail and eight wholesale customers with water from the Colorado River, State Water Project and groundwater. As a member agency of the Metropolitan Water District of Southern California (MWD), Western provides supplemental water to the cities of Corona, Norco, and Riverside and the water agencies of Box Springs Mutual, Eagle Valley Mutual, Elsinore Valley, Lee Lake and Rancho California. Western serves customers directly in Orangecrest, Mission Grove, El Sobrante, Eagle Valley, Temescal Canyon, Woodcrest, Lake Mathews, portions of Mead Valley and Perris, and March Air Reserve Base. Babcock Labs performs Drinking Water and Wastewater analytical services for the District, as well as providing assistance with their Industrial Pretreatment Program. In addition, Babcock Laboratories is responsible for sample collection on a daily basis at two treatment plants operated by WMWD, weekends and holidays included. Babcock Labs provides custom reporting, including custom EDD's uploaded into WMWD's various data management systems. Babcock Labs also provides WMWD with UCMR analytical testing services and data uploads.

Authority Experience

The members of the Bedford-Coldwater JPA and Babcock Laboratories, Inc. have a history of collaboration. Over the years, Babcock has served the laboratory services needs of the City of Corona, Elsinore Valley Municipal Water District, and Temescal Valley Water District, providing environmental laboratory expertise and advice upon request.

Cost Proposal

Babcock Labs is pleased to provide a detailed cost proposal for each of the eight wells listed in Table 1 of the Scope of Services. Babcock Laboratories cost proposal is found in Appendix C.

Schedule

Upon award, Babcock Laboratories will work with BCGSA to set up a project schedule and sampling events for each of the 6 wells. The schedule is anticipated to be finalized following the final selection date and will take place during the 4th quarter of 2025. Report delivery about 10-15 business days following the final well sampling. For years 2 & 3 we will coordinate sampling events at the beginning of the 4th quarter to ensure adequate time for laboratory reports to be completed prior to reporting deadlines. Reports will be completed 10-15 business days after the final well is sampled.

Appendices

BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

ISO/IEC 17025 #3232.01 NELAP #4035-001 ELAP #2698
6100 Quail Valley Court Riverside, CA 92507-0704
P.O. Box 432 Riverside, CA 92502-0432
PH (951) 653-3351 FAX (951) 653-1662
www.babcocklabs.com

Bedford-Coldwater Groundwater Sustainability Auth
Quote #: O25-290

Analytical Services Quotation

Michael Cruikshank
Bedford-Coldwater Groundwater Sustainability Auth
313315 Chaney Street
Lake Elsinore, CA 92530

Printed: 09/10/2025
Effective: 09/01/2025
Expires: 12/31/2027

Groundwater Sampling RFP - 2025-2027

Pricing Summary

Parameter	Method	Quantity	TAT (days)	Unit Price	Extended Price
Water					
Alkalinity	SM 2320B	8	10	$26.00	$208.00
Arsenic by ICPMS	EPA 200.8	8	10	$20.00	$160.00
Boron by ICP	EPA 200.7	8	10	$20.00	$160.00
Calcium by ICP	EPA 200.7	8	10	$20.00	$160.00
Chloride	EPA 300.0	8	10	$20.00	$160.00
Dissolved Oxygen - at site	SM 4500 O G	8	10	$21.00	$168.00
Fluoride	SM 4500F C	8	10	$20.00	$160.00
Hourly Field Sample Collection Charge	none	8	10	$400.00	$3,200.00
Iron by ICP	EPA 200.7	8	10	$20.00	$160.00
Magnesium by ICP	EPA 200.7	8	10	$20.00	$160.00
Manganese by ICPMS	EPA 200.8	8	10	$20.00	$160.00
Nitrate-Nitrogen	EPA 300.0	8	10	$20.00	$160.00
pH at site	SM 4500H+ B	8	10	$21.00	$168.00
Potassium by ICP	EPA 200.7	8	10	$20.00	$160.00
Sodium by ICP	EPA 200.7	8	10	$20.00	$160.00
Specific Conductance at site	SM 2510 B	8	10	$21.00	$168.00
Sulfate	EPA 300.0	8	10	$20.00	$160.00
Temperature at site	SM 2550B	8	10	$21.00	$168.00
Total Dissolved Solids	SM 2540C	8	10	$26.00	$208.00
				Bid Total:	**$6,208.00**

Cathleen S. Iijima
Client Relations Manager

BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

BEDFORD COLDWATER
Groundwater Sustainability Authority

Groundwater Sampling at Existing Production Wells

Prepared by Babcock Laboratories, Inc.

6100 Quail Valley Ct. Riverside, CA 92507 | www.babcocklabs.com | P: 951-653-3351 F: 951-653-1662

9/10/2025

Table of Contents

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September 10, 2025

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Website: www.BabcockLabs.com
Phone Number: 951 653-3351 Fax: 951 653-1662
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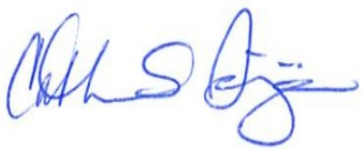

Cathleen S. Iijima
Client Relations Manager
Babcock Laboratories, Inc.

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Additionally, Babcock Project Management agrees to notify Bedford-Coldwater Groundwater Sustainability Authority if:

- Turnaround time cannot be met and will include estimated time of completion.
- Reanalysis is needed due to holding time and, if caused by lab error,

Recollection and analysis will be conducted at no additional charge for errors caused by lab.

Babcock final reports and electronic deliverables will include identification of sampling location, narrative of sampling procedures, a copy of the chain of custody, and documented field parameters during purging. All reports will also include the method and corresponding reporting limit (RL) next to each constituent analyzed.

QUALIFICATIONS

The list of laboratory analyses for which Babcock maintains accreditation through the California Environmental Laboratory Accreditation Program (ELAP), may be found in Appendix A. Additionally, Babcock Labs has received EPA certification for each round of UCMR since the beginning of the program, and has ample experience serving both Large Systems and Small Systems under the EPA Federal Small Systems contracts.

Babcock Labs analyzes Performance Evaluation (PE) samples for all accredited analytes twice each year. PEs are samples obtained from independent 3rd party providers and contain unknown levels of the various method target analytes. The results are reported to the PE provider and then evaluated and reported to the regulatory agencies and the laboratory. Babcock routinely analyzes more than 300 drinking water and 720 wastewater PE analytes every six months and routinely scores in the 98% and better range for result acceptance overall.

Immediate root cause analysis and Corrective Action Reports (CARs) are implemented for any unacceptable analyte results, including replacement PEs

A comprehensive *Statement of Qualification* may be found in Appendix B.

QUALITY SYSTEMS

As mentioned above, Babcock Labs operates under a comprehensive QMS which includes a Quality Assurance Program (QAP) modeled on the EPA requirements for UCMR, the EPA Lab Certification Manual for Drinking Water Laboratories, ISO17025, and the lab standards of The NELAC Institute (TNI/NELAC).

The program traces the path of samples throughout the lab and the workflow and responsibilities generated at each step from initial sample collection/pickup through final reporting, documentation, and record keeping. The policies and procedures established reflect our commitment to reliably generate accurate, scientifically valid and defensible compliance data of known and documented quality. Each employee in our organization is familiar with and responsible for implementation of the quality control policies of the laboratory. Management enforces quality practices throughout all areas of the company and across all staff through training, Standard Operating Procedures (SOPs), method and system audits (internal and external), and root-cause analysis. The QAP is reviewed and updated at least annually and includes the following elements:

- Formalized and validated operational and analytical standard operating procedures

- Annual demonstrations of accuracy and verification of method detection limits for all compliance analyses
- Formalized and validated procedures for sampling, sample transportation, sample identification, custody, and analytical documentation and reporting
- Method specific demonstration of proficiency requirements for each analytical method
- Quality control criteria for all laboratory conditions including equipment, instrumentation, method, batch, sample, environmental, reagent, and lab standard conditions
- Responsive root-cause documentation, analysis, and corrective actions
- Formal process of independent data review at the peer, supervisor, lab manager, and project management levels
- Guidelines for integration with LIMS for statistical and historical evaluation of data on a project specific or aggregate basis
- Description of both internal and external auditing program for methods, analysts, procedures and management, including audit reviews.

Personnel

Babcock Labs has a dedicated team of laboratory professionals, comprised of experienced analysts, highly trained field technicians, seasoned corporate officers and administrative staff, and friendly and helpful customer service personnel. Babcock Labs staff is knowledgeable of water testing protocols and regulations set forth by the State Water Resources Control Board – Division of Drinking Water (DWW), the California Code of Regulations Title 22 (Title 22), the Environmental Protection Agency (EPA), and the Regional Water Quality Control Boards.

Upon contract award, the designated Authority personnel will be introduced to the Client Relations Manager, the assigned Project Manager, the Field Dept. Manager, and other key lab contacts. The Project Manager will confirm direct contact information and verify project requirements, expectations, and the anticipated schedule. The Project Manager will act as a liaison to Bedford-Coldwater Groundwater Sustainability Authority (BCGWA), coordinating between BCGWA and various Babcock Labs personnel as needed.

AMANDA PORTER, PROJECT MANAGER

Ms. Porter began working for Babcock Laboratories, Inc. in December of 2015 and has over 27 years of environmental laboratory experience, 20 of which have been in a project manager role.

Ms. Porter is knowledgeable in numerous aspects of the environmental laboratory including EPA and Standard Methods procedures, quality control requirements, regulatory compliance objectives and client deliverables. She has experience with all stages of project management, beginning with the Quality Assurance Project Plans (QAPP) and extending to proper containers, preservatives, holding times, field and transportation documentation, and analytical results delivery schedules.

As Project Manager, she is responsible for coordinating client project needs, ensuring all analytical and project requirements are met. She also performs final review of client data reports, deliverables, and invoices. Ms. Porter acts as the liaison between the laboratory and client. She serves as the primary contact, coordinating all aspects of service, including project-specific requirements, field and courier services, sample analyses, reporting, and addressing all questions and any other customer service needs.

OMAR SOSA, FIELD SERVICES MANAGER

Mr. Sosa received detailed training from environmental field technician veterans in the protocols of sampling, preservation, hold-times, maintenance of chain of custody records, and the proper documentation of the sample collection process. He adheres to all safety and sampling SOPs, which are informed by AWWA and regulatory requirements. He also performs various analytical tests in the field such as chlorine residual, pH, and temperature.

Mr. Sosa is well versed in the proper installation of ISCO composite sampling pumps and devices, ultrasonic flow meters, and continuous monitoring devices. He is also experienced with the use of portable Grundfos groundwater pumps and field measurements of depth to water, conductivity, pH, etc.

As Field Services Supervisor, Mr. Omar oversees Babcock Labs' in-house department of field technicians. Mr. Sosa conducts training and verifies the field staff are properly trained on Babcock safety and sampling SOPs. He is responsible for coordinating sampling schedules and ensuring prompt and satisfactory client service. Mr. Sosa consults with the Project Managers, Assistants, and Sample Receiving daily and works with clients to ensure all sampling materials are delivered promptly, and all sample pick-ups and transportation are conducted on schedule and in a timely fashion.

Some of Mr. Sosa's key clients include California State Polytechnic University, Pomona, 29 Palms Marine Corp. Logistics Base, and Pala Band of Mission Indians.

URVASHI PATEL, VP OF LABORATORY OPERATIONS

Ms. Patel has 27 plus years of experience in the Environmental Industry. She began her career as an entry level Bench Chemist, advanced to Senior Chemist and became department manager of LUFT, VOA and Semi-VOA departments through the years. Ms. Patel became a Project Manager in 2012 where she excelled at project development, client deliverables and performance management. She was promoted to the Client Service Manager role where she continually exceeded expectations in employee development, client relationship management, process improvements, problem-solving, and project budget administration.

Ms. Patel began working for Babcock Laboratories in January 2022. Her current responsibilities include supervising and managing all laboratory operations, including Microbiology, Wet Chemistry, Trace Metals, Volatile and Semi-volatile Organics, and Field Departments. In this role, Ms. Patel is accountable for streamlining operations and increasing productivity by looking for continuous improvements in processes and technology.

RACHEL CAHILL, LABORATORY TECHNICAL DIRECTOR

Ms. Cahill joined Babcock Laboratories, Inc as Laboratory Technical Director in January of 2023. She has 23 plus years of experience in analytical chemistry in the environmental, industrial, food, agricultural, and pharmaceutical industries, including experience as an Extraction Laboratory Technician, Volatiles Analyst, Analytical Chemist, and Materials Application Testing Specialist. Ms. Cahill's specialty is liquid chromatography; however, she has experience with a wide range of methodology & instrumentation, including GC/GC-MS, HPLC/HPLC-MS, IC, NMR, FTIR, TGA, DSC, AA, ICP/ICP-MS & numerous wet chemistry, rheological and materials testing techniques.

As the Laboratory Technical Director and part of the executive team, she leads the Technical & IT groups, strategically plans, directs, coordinates, and oversees all technical activities in the organization, ensuring development and implementation of methodology and processes to meet current and future needs of the organization. Ms. Cahill also collaborates with the executive leadership to develop and meet company goals while supplying expertise and guidance on technical and information technology projects and initiatives. She is accountable for the technical integrity of the data produced by the laboratory, the system suitability & maintenance of the instrumentation and reliability, and cyber security of the IT systems, including the Laboratory Information Management System (LIMS).

OTHER KEY PERSONNEL

Table B: Key Personnel

Team Member	**Role**	**Years of Experience**
Tiffany Gomez	Chief Executive Officer	**23**
Urvashi Patel	VP of Laboratory Operations	**27**
Rachel Cahill	Laboratory Technical Director	**25**
Cathy Iijima	Client Relations Manager	**39**
Omar Sosa	Field Department Manager	**14**
Amanda Porter	Project Manager	**27**
Julia Sudds	Quality Division Leader	**32**
Matthew Gooch	Inorganics Department Manager	**7**
Maria Maestas	Technical Manager-Inorganics	**21**

References and List of Representative Projects

Provided below is a list various cities and districts with projects of similar scope currently under contract with Babcock Laboratories. Babcock Laboratories provides analytical services for these clients in support of required California Title 22 regulations, wastewater treatment facility operations in compliance with Waste Discharge Regulations (WDR) and NPDES, or Industrial Pretreatment Regulations. These projects include the provision of lab services for the generation of PFAS data associated with State Board PFAS investigation orders.

TWENTYNINE PALMS MARINE CORPS AIR GROUND COMBAT CENTER (29 PALMS)

Box 788106
NREA Building 1418
Twentynine Palms, CA 92278
Contact: Chris Elliott
Email: chris.elliott@usmc.mil
Period of Performance: Over 25 years – Current contract since 01/01/25
Contract Value: $250,000.00 Annually

Babcock Laboratories performs daily sampling and analysis for the 29 Palms Marine Base located approximately 95 miles from our laboratory facilities. Babcock Labs furnishes all materials, labor, equipment, and supervision to retrieve drinking water and wastewater samples from various locations throughout the 596,000-acre (931 square mile) combat center. Samples are collected five days per week by Babcock Labs field technicians. Results are reported to both SWRCB for both drinking water analyses and NPDES compliance monitoring. Babcock Labs has also provided 29 Palms with UCMR sampling and analytical testing services and data uploads which include EPA 537.

CITY OF SAN BERNARDINO WATER

399 Chandler Place
San Bernardino, CA 92408
Contact: Jennifer Shepardson
Email: Jennifer.Shepardson@sbmwd.org
Period of Performance: Over 45 years – Current contract since 07/01/2020
Contract Value: $650,000.00 Annually

The City of San Bernardino's Water Reclamation System includes two major treatment facilities that are regulated under Waste Discharge Requirements (including NPDES permits) issued by the RWQCB. The recycled water is continuously monitored to ensure compliance with all state and federal standards. The Water Reclamation Facility has a pretreatment program which requires routine monitoring of industrial and commercial discharges to the sewer collection

system connected to the Reclamation facility. Babcock Labs performs Wastewater analytical services, for compliance monitoring, daily process control, as well as providing assistance with their Industrial Pretreatment Program. Process control samples are analyzed and reported for same day or one day turnaround. In addition, Babcock Laboratories provides sample pick-up daily at the two treatment plants operated by the City, weekends and holidays included. Babcock Labs provides daily preliminary coliform readings, and custom reporting to the City. Babcock Labs has been serving the City in this capacity for over 45 years.

Babcock Laboratories also provides analytical services to the City's Water Department to comply with California Division of Drinking Water Title 22 regulations and DDW orders. Babcock Laboratories not only provides compliance analytical results uploaded into the DDW program, but also creates and delivers custom EDDs for the City's own databaseBabcock Labs provides the city sample bottles kits with customized labels and Chain of Custody forms, along with daily sample pick-ups.

EASTERN MUNICIPAL WATER DISTRICT

2270 Trumble Road
Perris CA, 92572
Contact: Suzanne Watson
Email: watsons@emwd.org
Period of Performance: Over 45 years – Current contract since 07/01/2022
Contract Value: $200,000.00 Annually

Babcock Laboratories partners with Eastern Municipal Water District in support of their own municipal laboratory. We analyze drinking water, wastewater and sludge samples to project specific requirements and provide sample pickups on a scheduled and on-call basis. In 2019 when Eastern MWD was upgrading their own laboratory, construction schedules required EMWD to completely shut down their laboratory for 6 months. During this time all samples for compliance and process control were analyzed by Babcock Laboratories. Babcock Labs provides custom reporting, including custom EDD's uploaded into EMWD's LIMS systems. Babcock Labs also provides EMWD with UCMR analytical testing services and data uploads.

RIVERSIDE CITY WATER QUALITY CONTROL PLANT

5950 Acorn Street
Riverside CA, 92504
Contact: Kevin Sudds, Lab Director Phone: (951) 351-6016
Email: ksudds@riversideca.gov
Period of Performance: Overall 30+ years – Current contract since 07/01/2023
Contract Value: $60,000.00 Annually

Babcock Laboratories partners with the City of Riverside – Water Quality Control Plant in support of their own municipal laboratory. Babcock Labs performs wastewater and biosolids analytical services for compliance monitoring, as well as providing assistance with their Industrial Pretreatment Program. Analyses are required to meet project specific requirements and Babcock provides sample pickups on a scheduled and on-call basis. Babcock Labs has

also provided sampling and analysis services for the recent SWRCB investigative order for PFAS testing at the POTWs.

CITY OF RIVERSIDE PUBLIC UTILITIES

2911 Adams Street
Riverside CA, 92504
Contact: Robin Glenney, Water Quality Administrator Phone: (951)357-6344
Email: rglenney@riversideca.gov
Period of Performance: Overall 25+ years – Current contract since 09/01/2022
Contract Value: $1,000,000.00 Annually

Babcock Laboratories also provides analytical services to the City's Water Department to comply with California Division of Drinking Water Title 22 regulations. Babcock Laboratories not only provides compliance analytical results uploaded into the DDW program but also uploads daily into WaterTrax. Babcock Labs provides the city sample bottles kits with customized labels and Chain of Custody forms, along with daily sample pick-ups.

Babcock Labs also provides the City with UCMR analytical testing services and data uploads.

WESTERN MUNICIPAL WATER DISTRICT

14205 Meridian Parkway
Riverside CA, 92508
Contact: Lyndy Lewis
Phone: (951) 571-7277
Email: llewis@wmwd.com
Period of Performance: Over 45 years – Current contract since 07/01/2025
Contract Value: $250,000.00 Annually

Western Municipal Water District serves roughly 23,000 retail and eight wholesale customers with water from the Colorado River, State Water Project and groundwater. As a member agency of the Metropolitan Water District of Southern California (MWD), Western provides supplemental water to the cities of Corona, Norco, and Riverside and the water agencies of Box Springs Mutual, Eagle Valley Mutual, Elsinore Valley, Lee Lake and Rancho California. Western serves customers directly in Orangecrest, Mission Grove, El Sobrante, Eagle Valley, Temescal Canyon, Woodcrest, Lake Mathews, portions of Mead Valley and Perris, and March Air Reserve Base. Babcock Labs performs Drinking Water and Wastewater analytical services for the District, as well as providing assistance with their Industrial Pretreatment Program. In addition, Babcock Laboratories is responsible for sample collection on a daily basis at two treatment plants operated by WMWD, weekends and holidays included. Babcock Labs provides custom reporting, including custom EDD's uploaded into WMWD's various data management systems. Babcock Labs also provides WMWD with UCMR analytical testing services and data uploads.

Authority Experience

The members of the Bedford-Coldwater JPA and Babcock Laboratories, Inc. have a history of collaboration. Over the years, Babcock has served the laboratory services needs of the City of Corona, Elsinore Valley Municipal Water District, and Temescal Valley Water District, providing environmental laboratory expertise and advice upon request.

Cost Proposal

Babcock Labs is pleased to provide a detailed cost proposal for each of the eight wells listed in Table 1 of the Scope of Services. Babcock Laboratories cost proposal is found in Appendix C.

Schedule

Upon award, Babcock Laboratories will work with BCGSA to set up a project schedule and sampling events for each of the 6 wells. The schedule is anticipated to be finalized following the final selection date and will take place during the 4th quarter of 2025. Report delivery about 10-15 business days following the final well sampling. For years 2 & 3 we will coordinate sampling events at the beginning of the 4th quarter to ensure adequate time for laboratory reports to be completed prior to reporting deadlines. Reports will be completed 10-15 business days after the final well is sampled.

Appendices

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Babcock Laboratories, Inc.

6100 Quail Valley Court

Riverside, CA 92507

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

Continued accredited status depends on compliance with applicable laws and regulations, 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.: **2698**

Effective Date: **6/1/2024**

Expiration Date: **5/31/2026**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Program Manager
Environmental Laboratory Accreditation Program

CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Fields of Accreditation

Babcock Laboratories, Inc.

6100 Quail Valley Court
Riverside, CA 92507
Phone: 9516533351

Certificate Number: 2698
Expiration Date: 5/31/2026

Field of Accreditation: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	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 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
101.100	001	Total Coliform P/A	Colitag
101.100	002	E. coli P/A	Colitag

Field of Accreditation: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
102.026	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 SO4)	EPA 300.0
102.045	001	Perchlorate	EPA 314.0
102.048	001	Perchlorate	EPA 332.0
102.061	001	Nitrite (as N)	EPA 353.2
102.095	001	Turbidity	SM 2130 B-2001
102.100	001	Alkalinity	SM 2320 B-1997

As of 6/7/2024 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

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
102.175	001	Chlorine, Free	SM 4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM 4500-Cl G-2000
102.180	001	Chlorine Dioxide	SM 4500-ClO2 D-2000
102.190	001	Cyanide, Total	SM 4500-CN E-1999
102.200	001	Fluoride	SM 4500-F C-1997
102.203	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000
102.220	001	Nitrite (as N)	SM 4500-NO2 B-2000
102.240	001	Phosphate,Ortho (as P)	SM 4500-P E-1999
102.241	001	Phosphate,Ortho (as P)	SM 4500-P F-1999
102.260	001	Organic Carbon-Total (TOC)	SM 5310 B-2000
102.261	001	Dissolved Organic Carbon (DOC)	SM 5310 B-2000
102.270	001	Surfactants	SM 5540 C-2000
102.280	001	UV254	SM 5910 B-2011
102.570	001	Cyanide, Free	OIA-1677, DW

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

103.030	001	Mercury	SM 3112 B
103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	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	011	Mercury	EPA 200.8
103.140	012	Nickel	EPA 200.8

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

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 (Hexavalent Chromium)	EPA 218.6
103.311	001	Chromium VI (Hexavalent Chromium)	EPA 218.7

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

104.030	001	1,2-Dibromoethane (EDB)	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
104.200	001	1,1,1,2-Tetrachloroethane	EPA 524.2
104.200	002	1,1,1-Trichloroethane	EPA 524.2
104.200	003	1,1,2,2-Tetrachloroethane	EPA 524.2
104.200	004	1,1,2-Trichloroethane	EPA 524.2
104.200	005	1,1-Dichloroethane	EPA 524.2
104.200	006	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 524.2
104.200	007	1,2,3-Trichlorobenzene	EPA 524.2
104.200	008	1,2,4-Trichlorobenzene	EPA 524.2
104.200	009	1,2,4-Trimethylbenzene	EPA 524.2
104.200	010	1,2-Dichlorobenzene	EPA 524.2
104.200	011	1,2-Dichloroethane (Ethylene Dichloride)	EPA 524.2
104.200	012	1,2-Dichloropropane	EPA 524.2
104.200	013	1,3,5-Trimethylbenzene	EPA 524.2
104.200	014	1,3-Dichlorobenzene	EPA 524.2
104.200	015	1,4-Dichlorobenzene	EPA 524.2
104.200	016	2-Chlorotoluene	EPA 524.2
104.200	017	4-Chlorotoluene	EPA 524.2
104.200	018	Benzene	EPA 524.2
104.200	019	Carbon Disulfide	EPA 524.2
104.200	020	Carbon Tetrachloride	EPA 524.2
104.200	021	Chlorobenzene	EPA 524.2
104.200	022	cis-1,2-Dichloroethylene (cis 1,2 Dichloroethene)	EPA 524.2
104.200	023	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 524.2
104.200	024	Dichlorodifluoromethane	EPA 524.2
104.200	025	Dichloromethane (Methylene Chloride)	EPA 524.2
104.200	027	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.200	028	Ethylbenzene	EPA 524.2
104.200	029	Isopropylbenzene	EPA 524.2
104.200	030	Methyl isobutyl ketone (MIBK, 4-Methyl-2-pentanone)	EPA 524.2
104.200	031	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.200	032	Naphthalene	EPA 524.2

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

104.200	033	n-Butylbenzene	EPA 524.2
104.200	034	N-propylbenzene	EPA 524.2
104.200	035	sec-Butylbenzene	EPA 524.2
104.200	036	Styrene	EPA 524.2
104.200	037	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 524.2
104.200	038	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.200	039	tert-Butylbenzene	EPA 524.2
104.200	040	Tetrachloroethylene (Tetrachloroethene)	EPA 524.2
104.200	041	Toluene	EPA 524.2
104.200	042	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 524.2
104.200	043	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 524.2
104.200	044	Trichloroethylene (Trichloroethene)	EPA 524.2
104.200	045	Trichlorofluoromethane	EPA 524.2
104.200	046	Trichlorotrifluoroethane	EPA 524.2
104.200	047	Vinyl Chloride	EPA 524.2
104.200	101	m-Xylene	EPA 524.2
104.200	102	m+p-Xylene	EPA 524.2
104.200	103	o-Xylene	EPA 524.2
104.200	104	p-Xylene	EPA 524.2
104.200	201	Bromodichloromethane	EPA 524.2
104.200	202	Bromoform	EPA 524.2
104.200	203	Chloroform	EPA 524.2
104.200	204	Dibromochloromethane (Chlorodibromomethane)	EPA 524.2

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

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	014	Toxaphene	EPA 505
105.010	015	PCBs as Aroclors (screen)	EPA 505
105.082	001	2,4-D	EPA 515.3
105.082	002	Dinoseb	EPA 515.3
105.082	003	Pentachlorophenol	EPA 515.3
105.082	004	Picloram	EPA 515.3
105.082	005	2,4,5-TP (Silvex)	EPA 515.3
105.082	006	Bentazon	EPA 515.3
105.082	007	Dalapon	EPA 515.3
105.082	008	Dicamba	EPA 515.3

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

105.090	001	Alachlor	EPA 525.2
105.090	003	Atrazine	EPA 525.2
105.090	004	Benzo(a)pyrene	EPA 525.2
105.090	005	Butachlor	EPA 525.2
105.090	008	Di(2-ethylhexyl) Adipate	EPA 525.2
105.090	009	Di(2-ethylhexyl) Phthalate	EPA 525.2
105.090	022	Molinate	EPA 525.2
105.090	025	Simazine	EPA 525.2
105.090	028	Thiobencarb	EPA 525.2
105.101	001	Carbofuran (Furadan)	EPA 531.2
105.101	002	Oxamyl	EPA 531.2
105.101	003	Aldicarb (Temik)	EPA 531.2
105.101	004	Aldicarb Sulfone	EPA 531.2
105.101	005	Aldicarb Sulfoxide	EPA 531.2
105.101	006	Carbaryl (Sevin)	EPA 531.2
105.101	007	3-Hydroxycarbofuran	EPA 531.2
105.101	008	Methomyl (Lannate)	EPA 531.2
105.103	001	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 533
105.103	002	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 533
105.103	003	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 533
105.103	004	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 533
105.103	005	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 533
105.103	006	Perfluorobutanoic Acid (PFBA)	EPA 533
105.103	007	Perfluorobutane Sulfonic Acid (PFBS)	EPA 533
105.103	008	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	EPA 533
105.103	009	Perfluorodecanoic Acid (PFDA)	EPA 533
105.103	010	Perfluorododecanoic Acid (PFDoA)	EPA 533
105.103	011	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	EPA 533
105.103	012	Perfluoroheptane Sulfonic Acid (PFHpS)	EPA 533
105.103	013	Perfluoroheptanoic Acid (PFHpA)	EPA 533
105.103	014	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	EPA 533
105.103	015	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 533
105.103	016	Perfluorohexanoic Acid (PFHxA)	EPA 533
105.103	017	Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 533
105.103	018	Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 533
105.103	019	Perfluorononanoic Acid (PFNA)	EPA 533
105.103	020	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	EPA 533
105.103	021	Perfluorooctane Sulfonic Acid (PFOS)	EPA 533
105.103	022	Perfluorooctanoic Acid (PFOA)	EPA 533
105.103	023	Perfluoropentanoic Acid (PFPeA)	EPA 533
105.103	024	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 533
105.103	025	Perfluoroundecanoic Acid (PFUnDA)	EPA 533

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

105.106	001	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 537.1
105.106	002	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 537.1
105.106	003	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1
105.106	004	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 537.1
105.106	005	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	EPA 537.1
105.106	006	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOSAA)	EPA 537.1
105.106	007	Perfluorobutane Sulfonic Acid (PFBS)	EPA 537.1
105.106	008	Perfluorodecanoic Acid (PFDA)	EPA 537.1
105.106	009	Perfluorododecanoic Acid (PFDoA)	EPA 537.1
105.106	010	Perfluoroheptanoic Acid (PFHpA)	EPA 537.1
105.106	011	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 537.1
105.106	012	Perfluorohexanoic Acid (PFHxA)	EPA 537.1
105.106	013	Perfluorononanoic Acid (PFNA)	EPA 537.1
105.106	014	Perfluorooctanoic Acid (PFOA)	EPA 537.1
105.106	015	Perfluorooctane Sulfonic Acid (PFOS)	EPA 537.1
105.106	016	Perfluorotetradecanoic Acid (PFTeDA)	EPA 537.1
105.106	017	Perfluorotridecanoic Acid (PFTrDA)	EPA 537.1
105.106	018	Perfluoroundecanoic Acid (PFUnDA)	EPA 537.1
105.120	001	Glyphosate	EPA 547
105.140	001	Endothall	EPA 548.1
105.190	001	Bromoacetic Acid	SM 6251 B
105.190	003	Chloroacetic Acid	SM 6251 B
105.190	005	Dibromoacetic Acid	SM 6251 B
105.190	006	Dichloroacetic Acid	SM 6251 B
105.190	007	Trichloroacetic Acid	SM 6251 B
105.201	003	Bromoacetic Acid	EPA 552.3
105.201	004	Chloroacetic Acid	EPA 552.3
105.201	005	Dibromoacetic Acid	EPA 552.3
105.201	006	Dichloroacetic Acid	EPA 552.3
105.201	007	Trichloroacetic Acid	EPA 552.3

Field of Accreditation:106 - Radionuclides in Drinking Water

106.092	001	Uranium	EPA 200.8

Field of Accreditation:107 - Microbiological Methods for Non-Potable Water and Sewage Sludge

107.050	001	Total Coliform (Enumeration)	SM 9221 B-2014
107.052	001	Fecal Coliform (Enumeration)	SM 9221 E-2014
107.054	001	E. coli (Enumeration)	SM 9221 F-2014
107.062	001	Enterococci	SM 9230 B-2013
107.062	002	Fecal Streptococci	SM 9230 B-2013
107.066	001	Enterococci	SM 9230 D-2013 Enterolert
107.070	001	E. coli (Enumeration)	SM 9223 B-2016 Colilert 18

Field of Accreditation:108 - Inorganic Constituents in Non-Potable Water

108.007	001	Residue, Volatile	EPA 160.4

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

108.013	001	Calcium	EPA 200.7
108.013	002	Magnesium	EPA 200.7
108.013	004	Potassium	EPA 200.7
108.013	005	Silica, Dissolved	EPA 200.7
108.013	006	Sodium	EPA 200.7
108.017	001	Bromide	EPA 300.0
108.017	002	Chloride	EPA 300.0
108.017	003	Fluoride	EPA 300.0
108.017	004	Nitrate (as N)	EPA 300.0
108.017	005	Nitrate-Nitrite (as N)	EPA 300.0
108.017	006	Nitrite (as N)	EPA 300.0
108.017	007	Phosphate,Ortho (as P)	EPA 300.0
108.017	008	Sulfate (as SO4)	EPA 300.0
108.019	001	Bromide	EPA 300.1
108.029	001	Kjeldahl Nitrogen,Total (as N)	EPA 351.2
108.033	001	Nitrate-Nitrite (as N)	EPA 353.2
108.033	002	Nitrite (as N)	EPA 353.2
108.049	001	Phenols, Total	EPA 420.4
108.053	002	Oil & Grease, Total Recoverable	EPA 1664 B
108.055	001	Color	SM 2120 B-2011
108.059	001	Turbidity	SM 2130 B-2011
108.063	001	Alkalinity	SM 2320 B-2011
108.065	001	Hardness (Calculation)	SM 2340 B-2011
108.069	001	Specific Conductance	SM 2510 B-2011
108.070	001	Residue, Total	SM 2540 B-2015
108.072	001	Residue, Filterable TDS	SM 2540 C-2015
108.074	001	Residue, Non-filterable TSS	SM 2540 D-2015
108.076	001	Residue, Volatile	SM 2540 E-2015
108.076	002	Residue, Fixed Filterable (FDS)	SM 2540 E-2015
108.078	001	Residue, Settleable	SM 2540 F-2015
108.114	001	Chlorine, Total Residual	SM 4500-Cl G-2011
108.114	002	Chlorine, Free	SM 4500-Cl G-2011
108.124	001	Cyanide, Total	SM 4500-CN- E-2016
108.128	001	Cyanide, Available	SM 4500-CN- G-2016
108.131	001	Fluoride	SM 4500-F C-2011
108.137	001	Hydrogen Ion (pH)	SM 4500-H+ B-2011
108.147	001	Ammonia (as N)	SM 4500-NH3 G-2011
108.153	001	Nitrite (as N)	SM 4500-NO2 B-2011
108.166	001	Oxygen, Dissolved	SM 4500-O C-2016
108.174	001	Oxygen, Dissolved	SM 4500-O G-2016
108.175	001	Phosphate,Ortho (as P)	SM 4500-P E-2011
108.175	002	Phosphorus,Total	SM 4500-P E-2011

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

108.177	001	Phosphate,Ortho (as P)	SM 4500-P F-2011
108.177	002	Phosphorus,Total	SM 4500-P F-2011
108.201	001	Sulfide (as S)	SM 4500-S D-2011
108.206	001	Biochemical Oxygen Demand	SM 5210 B-2016
108.206	002	Carbonaceous BOD	SM 5210 B-2016
108.214	001	Organic Carbon-Total (TOC)	SM 5310 B-2014
108.225	001	Surfactants	SM 5540 C-2011
108.320	001	Cyanide, Total	ASTM D7511-12(17)
108.339	001	Cyanide, Available	OIA-1677-09
108.339	002	Cyanide, Free	OIA-1677-09

Field of Accreditation:109 - Metals and Trace Elements in Non-Potable Water

109.623	001	Aluminum	EPA 200.7
109.623	002	Antimony	EPA 200.7
109.623	003	Arsenic	EPA 200.7
109.623	004	Barium	EPA 200.7
109.623	006	Boron	EPA 200.7
109.623	007	Cadmium	EPA 200.7
109.623	008	Chromium	EPA 200.7
109.623	009	Cobalt	EPA 200.7
109.623	010	Copper	EPA 200.7
109.623	011	Iron	EPA 200.7
109.623	012	Lead	EPA 200.7
109.623	013	Manganese	EPA 200.7
109.623	014	Molybdenum	EPA 200.7
109.623	015	Nickel	EPA 200.7
109.623	016	Selenium	EPA 200.7
109.623	017	Silver	EPA 200.7
109.623	018	Thallium	EPA 200.7
109.623	019	Tin	EPA 200.7
109.623	020	Titanium	EPA 200.7
109.623	021	Vanadium	EPA 200.7
109.623	022	Zinc	EPA 200.7
109.625	001	Aluminum	EPA 200.8
109.625	002	Antimony	EPA 200.8
109.625	003	Arsenic	EPA 200.8
109.625	004	Barium	EPA 200.8
109.625	005	Beryllium	EPA 200.8
109.625	007	Cadmium	EPA 200.8
109.625	008	Chromium	EPA 200.8
109.625	009	Cobalt	EPA 200.8
109.625	010	Copper	EPA 200.8
109.625	013	Lead	EPA 200.8

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

109.625	014	Manganese	EPA 200.8
109.625	015	Molybdenum	EPA 200.8
109.625	016	Nickel	EPA 200.8
109.625	017	Selenium	EPA 200.8
109.625	018	Silver	EPA 200.8
109.625	019	Thallium	EPA 200.8
109.625	020	Tin	EPA 200.8
109.625	022	Vanadium	EPA 200.8
109.625	023	Zinc	EPA 200.8
109.629	001	Chromium VI (Hexavalent Chromium)	EPA 218.6
109.667	001	Mercury	SM 3112 B-2011

Field of Accreditation: 110 - Volatile Organic Constituents in Non-Potable Water

110.040	001	Acetone	EPA 624.1
110.040	002	Acetonitrile	EPA 624.1
110.040	003	Acrolein	EPA 624.1
110.040	004	Acrylonitrile	EPA 624.1
110.040	005	Benzene	EPA 624.1
110.040	006	Bromodichloromethane	EPA 624.1
110.040	007	Bromoform	EPA 624.1
110.040	008	Bromomethane (Methyl Bromide)	EPA 624.1
110.040	009	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 624.1
110.040	010	Carbon Tetrachloride	EPA 624.1
110.040	011	Chlorobenzene	EPA 624.1
110.040	012	Chloroethane	EPA 624.1
110.040	013	2-Chloroethyl vinyl Ether	EPA 624.1
110.040	014	Chloroform	EPA 624.1
110.040	015	Chloromethane (Methyl Chloride)	EPA 624.1
110.040	016	Dibromochloromethane (Chlorodibromomethane)	EPA 624.1
110.040	017	1,2-Dichlorobenzene	EPA 624.1
110.040	018	1,3-Dichlorobenzene	EPA 624.1
110.040	019	1,4-Dichlorobenzene	EPA 624.1
110.040	020	1,1-Dichloroethane	EPA 624.1
110.040	021	1,2-Dichloroethane (Ethylene Dichloride)	EPA 624.1
110.040	022	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 624.1
110.040	023	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 624.1
110.040	024	1,2-Dichloropropane	EPA 624.1
110.040	025	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 624.1
110.040	026	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 624.1
110.040	028	Ethyl Acetate	EPA 624.1
110.040	029	Ethylbenzene	EPA 624.1
110.040	031	Methylene Chloride (Dichloromethane)	EPA 624.1
110.040	032	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	EPA 624.1

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

110.040	034	1,1,2,2-Tetrachloroethane	EPA 624.1
110.040	035	Tetrachloroethylene (Tetrachloroethene)	EPA 624.1
110.040	036	Tetrahydrofuran	EPA 624.1
110.040	037	Toluene	EPA 624.1
110.040	038	1,1,1-Trichloroethane	EPA 624.1
110.040	039	1,1,2-Trichloroethane	EPA 624.1
110.040	040	Trichloroethylene (Trichloroethene)	EPA 624.1
110.040	041	Vinyl Chloride	EPA 624.1
110.040	042	m-Xylene	EPA 624.1
110.040	043	o-Xylene	EPA 624.1
110.040	044	p-Xylene	EPA 624.1
110.040	045	Trichlorofluoromethane	EPA 624.1
110.040	046	m+p-Xylene	EPA 624.1
110.040	047	2-Butanone (MEK)	EPA 624.1

Field of Accreditation: 111 - Semi-volatile Organic Constituents in Non-Potable Water

111.055	001	Aldrin	EPA 608.3
111.055	002	alpha-BHC	EPA 608.3
111.055	003	beta-BHC	EPA 608.3
111.055	004	delta-BHC	EPA 608.3
111.055	005	gamma-BHC (Lindane)	EPA 608.3
111.055	006	Chlordane	EPA 608.3
111.055	007	4,4'-DDD	EPA 608.3
111.055	008	4,4'-DDE	EPA 608.3
111.055	009	4,4'-DDT	EPA 608.3
111.055	010	Dieldrin	EPA 608.3
111.055	011	Endosulfan I	EPA 608.3
111.055	012	Endosulfan II	EPA 608.3
111.055	013	Endosulfan Sulfate	EPA 608.3
111.055	014	Endrin	EPA 608.3
111.055	015	Endrin Aldehyde	EPA 608.3
111.055	016	Heptachlor	EPA 608.3
111.055	017	Heptachlor Epoxide	EPA 608.3
111.055	019	PCB-1016 (Aroclor-1016)	EPA 608.3
111.055	020	PCB-1221 (Aroclor-1221)	EPA 608.3
111.055	021	PCB-1232 (Aroclor-1232)	EPA 608.3
111.055	022	PCB-1242 (Aroclor-1242)	EPA 608.3
111.055	023	PCB-1248 (Aroclor-1248)	EPA 608.3
111.055	024	PCB-1254 (Aroclor-1254)	EPA 608.3
111.055	025	PCB-1260 (Aroclor-1260)	EPA 608.3
111.055	046	Methoxychlor	EPA 608.3
111.055	060	Toxaphene	EPA 608.3
111.160	001	Acenaphthene	EPA 625.1

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

111.160	002	Acenaphthylene	EPA 625.1
111.160	003	Anthracene	EPA 625.1
111.160	004	Benzidine	EPA 625.1
111.160	005	Benzo(a)anthracene	EPA 625.1
111.160	006	Benzo(a)pyrene	EPA 625.1
111.160	007	Benzo(b)fluoranthene	EPA 625.1
111.160	008	Benzo(g,h,i)perylene	EPA 625.1
111.160	009	Benzo(k)fluoranthene	EPA 625.1
111.160	010	Bis(2-chloroethoxy) Methane	EPA 625.1
111.160	011	Bis(2-chloroethyl) Ether	EPA 625.1
111.160	012	bis(2-Chloroisopropyl) ether (2,2'-Oxybis[1-chloropropane])	EPA 625.1
111.160	013	Bis(2-ethylhexyl)phthalate (Di(2-ethylhexyl) phthalate)	EPA 625.1
111.160	014	4-Bromophenyl Phenyl Ether	EPA 625.1
111.160	015	Butyl Benzyl Phthalate	EPA 625.1
111.160	016	2-Chloronaphthalene	EPA 625.1
111.160	017	4-Chlorophenyl Phenyl Ether	EPA 625.1
111.160	018	Chrysene	EPA 625.1
111.160	019	Dibenz(a,h)anthracene	EPA 625.1
111.160	020	3,3'-Dichlorobenzidine	EPA 625.1
111.160	021	Diethyl Phthalate	EPA 625.1
111.160	022	Dimethyl Phthalate	EPA 625.1
111.160	023	Di-n-butyl Phthalate	EPA 625.1
111.160	024	2,4-Dinitrotoluene	EPA 625.1
111.160	025	2,6-Dinitrotoluene	EPA 625.1
111.160	026	Di-n-octyl Phthalate	EPA 625.1
111.160	027	Fluoranthene	EPA 625.1
111.160	028	Fluorene	EPA 625.1
111.160	029	Hexachlorobenzene	EPA 625.1
111.160	030	Hexachlorobutadiene	EPA 625.1
111.160	031	Hexachloroethane	EPA 625.1
111.160	032	Indeno(1,2,3-c,d)pyrene	EPA 625.1
111.160	033	Isophorone	EPA 625.1
111.160	034	Naphthalene	EPA 625.1
111.160	035	Nitrobenzene	EPA 625.1
111.160	036	N-nitroso-di-n-propylamine	EPA 625.1
111.160	037	Phenanthrene	EPA 625.1
111.160	038	Pyrene	EPA 625.1
111.160	039	1,2,4-Trichlorobenzene	EPA 625.1
111.160	040	4-Chloro-3-methylphenol	EPA 625.1
111.160	041	2-Chlorophenol	EPA 625.1
111.160	042	2,4-Dichlorophenol	EPA 625.1
111.160	043	2,4-Dimethylphenol	EPA 625.1

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

111.160	044	2,4-Dinitrophenol	EPA 625.1
111.160	045	2-Methyl-4,6-dinitrophenol	EPA 625.1
111.160	046	2-Nitrophenol	EPA 625.1
111.160	047	4-Nitrophenol	EPA 625.1
111.160	048	Pentachlorophenol	EPA 625.1
111.160	049	Phenol	EPA 625.1
111.160	050	2,4,6-Trichlorophenol	EPA 625.1
111.160	052	Aldrin	EPA 625.1
111.160	058	alpha-BHC	EPA 625.1
111.160	059	beta-BHC	EPA 625.1
111.160	060	delta-BHC	EPA 625.1
111.160	061	gamma-BHC (Lindane)	EPA 625.1
111.160	076	4,4'-DDD	EPA 625.1
111.160	077	4,4'-DDE	EPA 625.1
111.160	078	4,4'-DDT	EPA 625.1
111.160	083	Dieldrin	EPA 625.1
111.160	086	Endosulfan I	EPA 625.1
111.160	087	Endosulfan II	EPA 625.1
111.160	088	Endosulfan Sulfate	EPA 625.1
111.160	089	Endrin	EPA 625.1
111.160	096	Heptachlor	EPA 625.1
111.160	097	Heptachlor Epoxide	EPA 625.1
111.160	098	Hexachlorocyclopentadiene	EPA 625.1
111.160	108	N-nitrosodimethylamine	EPA 625.1
111.160	110	N-nitrosodiphenylamine	EPA 625.1
111.265	001	Perfluorobutanoic Acid (PFBA)	EPA 1633
111.265	002	Perfluoropentanoic Acid (PFPeA)	EPA 1633
111.265	003	Perfluorohexanoic Acid (PFHxA)	EPA 1633
111.265	004	Perfluoroheptanoic Acid (PFHpA)	EPA 1633
111.265	005	Perfluorooctanoic Acid (PFOA)	EPA 1633
111.265	006	Perfluorononanoic Acid (PFNA)	EPA 1633
111.265	007	Perfluorodecanoic Acid (PFDA)	EPA 1633
111.265	008	Perfluoroundecanoic Acid (PFUnDA)	EPA 1633
111.265	009	Perfluorododecanoic Acid (PFDoA)	EPA 1633
111.265	010	Perfluorotridecanoic Acid (PFTrDA)	EPA 1633
111.265	011	Perfluorotetradecanoic Acid (PFTeDA)	EPA 1633
111.265	012	Perfluorobutane Sulfonic Acid (PFBS)	EPA 1633
111.265	013	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 1633
111.265	014	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 1633
111.265	015	Perfluoroheptane Sulfonic Acid (PFHpS)	EPA 1633
111.265	016	Perfluorooctane Sulfonic Acid (PFOS)	EPA 1633
111.265	017	Perfluorononane Sulfonic Acid (PFNS)	EPA 1633

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

111.265	018	Perfluorodecane Sulfonic Acid (PFDS)	EPA 1633
111.265	020	4:2 Fluorotelomer Sulfonic Acid (4:2 FTS)	EPA 1633
111.265	021	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	EPA 1633
111.265	022	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	EPA 1633
111.265	023	Perfluorooctane Sulfonamide (PFOSAm)	EPA 1633
111.265	024	N-Methylperfluorooctane Sulfonamide (NMeFOSA)	EPA 1633
111.265	025	N-Ethylperfluorooctane Sulfonamide (EtFOSAm)	EPA 1633
111.265	026	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOSAA)	EPA 1633
111.265	027	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	EPA 1633
111.265	028	N-Methylperfluorooctane Sulfonamido Ethanol (NMeFOSE)	EPA 1633
111.265	029	N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE)	EPA 1633
111.265	030	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 1633
111.265	031	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 1633
111.265	032	Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 1633
111.265	033	Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 1633
111.265	034	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633
111.265	035	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 1633
111.265	036	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 1633
111.265	037	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	EPA 1633
111.265	038	2H,2H,3H,3H-Perfluorohexaanoic Acid (3:3 FTCA)	EPA 1633
111.265	039	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	EPA 1633
111.265	040	2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	EPA 1633
111.265	041	Perfluorohexadecanoic Acid (PFHxDA)	EPA 1633
111.345	001	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	DoD QSM Version 5.1 (or newer)
111.345	002	4:2 Fluorotelomer Sulfonic Acid (4:2 FTS)	DoD QSM Version 5.1 (or newer)
111.345	003	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	DoD QSM Version 5.1 (or newer)
111.345	004	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	DoD QSM Version 5.1 (or newer)
111.345	005	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOSAA)	DoD QSM Version 5.1 (or newer)
111.345	006	Perfluorobutanoic Acid (PFBA)	DoD QSM Version 5.1 (or newer)
111.345	007	Perfluorobutane Sulfonic Acid (PFBS)	DoD QSM Version 5.1 (or newer)
111.345	008	Perfluorodecanoic Acid (PFDA)	DoD QSM Version 5.1 (or newer)
111.345	009	Perfluorododecanoic Acid (PFDoA)	DoD QSM Version 5.1 (or newer)
111.345	010	Perfluorodecane Sulfonic Acid (PFDS)	DoD QSM Version 5.1 (or newer)
111.345	011	Perfluoroheptanoic Acid (PFHpA)	DoD QSM Version 5.1 (or newer)
111.345	012	Perfluoroheptane Sulfonic Acid (PFHpS)	DoD QSM Version 5.1 (or newer)
111.345	013	Perfluorohexane Sulfonic Acid (PFHxS)	DoD QSM Version 5.1 (or newer)
111.345	014	Perfluorohexanoic Acid (PFHxA)	DoD QSM Version 5.1 (or newer)
111.345	015	Perfluorononanoic Acid (PFNA)	DoD QSM Version 5.1 (or newer)
111.345	016	Perfluorooctanoic Acid (PFOA)	DoD QSM Version 5.1 (or newer)
111.345	017	Perfluorooctane Sulfonic Acid (PFOS)	DoD QSM Version 5.1 (or newer)
111.345	018	Perfluorooctane Sulfonamide (PFOSAm)	DoD QSM Version 5.1 (or newer)
111.345	019	Perfluoropentanoic Acid (PFPeA)	DoD QSM Version 5.1 (or newer)

Babcock Laboratories, Inc. **Certificate Number:** 2698
Expiration Date: 5/31/2026

111.345	020	Perfluoropentane Sulfonic Acid (PFPeS)	DoD QSM Version 5.1 (or newer)
111.345	021	Perfluorotetradecanoic Acid (PFTeDA)	DoD QSM Version 5.1 (or newer)
111.345	022	Perfluorotridecanoic Acid (PFTrDA)	DoD QSM Version 5.1 (or newer)
111.345	023	Perfluoroundecanoic Acid (PFUnDA)	DoD QSM Version 5.1 (or newer)
111.345	024	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	DoD QSM Version 5.1 (or newer)
111.345	025	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	DoD QSM Version 5.1 (or newer)
111.345	026	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	DoD QSM Version 5.1 (or newer)
111.345	027	N-Ethylperfluorooctane Sulfonamide (EtFOSAm)	DoD QSM Version 5.1 (or newer)
111.345	028	N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE)	DoD QSM Version 5.1 (or newer)
111.345	029	10:2 Fluorotelomer Sulfonic Acid (10:2 FTS)	DoD QSM Version 5.1 (or newer)
111.345	030	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	DoD QSM Version 5.1 (or newer)
111.345	031	N-Methylperfluorooctane Sulfonamide (NMeFOSA)	DoD QSM Version 5.1 (or newer)
111.345	032	N-Methylperfluorooctane Sulfonamido Ethanol (NMeFOSE)	DoD QSM Version 5.1 (or newer)
111.345	033	Perfluorohexadecanoic Acid (PFHxDA)	DoD QSM Version 5.1 (or newer)
111.345	034	Perfluorononane Sulfonic Acid (PFNS)	DoD QSM Version 5.1 (or newer)
111.345	035	Perfluorooctadecanoic Acid (PFODA)	DoD QSM Version 5.1 (or newer)
111.345	036	2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	DoD QSM Version 5.1 (or newer)
111.345	037	2H,2H,3H,3H-Perfluorohexaanoic Acid (3:3 FTCA)	DoD QSM Version 5.1 (or newer)
111.345	038	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	DoD QSM Version 5.1 (or newer)
111.345	039	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	DoD QSM Version 5.1 (or newer)
111.345	040	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	DoD QSM Version 5.1 (or newer)
111.345	041	Perfluoro-3-methoxypropanoic acid (PFMPA)	DoD QSM Version 5.1 (or newer)
111.345	042	Perfluoro-4-methoxybutanoic acid (PFMBA)	DoD QSM Version 5.1 (or newer)

Field of Accreditation:113 - Environmental Toxicity Methods

113.380	042	Perfluoro-4-methoxybutanoic acid (PFMBA)	DoD QSM Version 5.1 (or newer)

Field of Accreditation:114 - Inorganic Constituents in Hazardous Waste

114.315	001	Aluminum	EPA 6010 B
114.315	002	Antimony	EPA 6010 B
114.315	003	Arsenic	EPA 6010 B
114.315	005	Beryllium	EPA 6010 B
114.315	007	Cadmium	EPA 6010 B
114.315	008	Calcium	EPA 6010 B
114.315	009	Chromium	EPA 6010 B
114.315	010	Cobalt	EPA 6010 B
114.315	011	Copper	EPA 6010 B
114.315	012	Iron	EPA 6010 B
114.315	013	Lead	EPA 6010 B
114.315	014	Magnesium	EPA 6010 B
114.315	016	Molybdenum	EPA 6010 B
114.315	017	Nickel	EPA 6010 B
114.315	018	Potassium	EPA 6010 B
114.315	019	Selenium	EPA 6010 B

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

114.315	020	Silver	EPA 6010 B
114.315	021	Sodium	EPA 6010 B
114.315	023	Thallium	EPA 6010 B
114.315	024	Tin	EPA 6010 B
114.315	026	Vanadium	EPA 6010 B
114.315	027	Zinc	EPA 6010 B
114.335	002	Antimony	EPA 6020
114.335	003	Arsenic	EPA 6020
114.335	004	Barium	EPA 6020
114.335	005	Beryllium	EPA 6020
114.335	006	Cadmium	EPA 6020
114.335	007	Chromium	EPA 6020
114.335	008	Cobalt	EPA 6020
114.335	009	Copper	EPA 6020
114.335	010	Lead	EPA 6020
114.335	011	Manganese	EPA 6020
114.335	012	Nickel	EPA 6020
114.335	013	Silver	EPA 6020
114.335	014	Thallium	EPA 6020
114.335	015	Zinc	EPA 6020
114.335	016	Molybdenum	EPA 6020
114.335	017	Selenium	EPA 6020
114.335	018	Vanadium	EPA 6020
114.535	001	Mercury	EPA 7471 A
114.705	001	Cyanide, Total	EPA 9012 A
114.745	001	Fluoride	EPA 9056

Field of Accreditation:115 - Leaching/Extraction Tests and Physical Characteristics of Hazardous Waste

115.055	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
115.085	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311
115.095	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312
115.135	001	Corrosivity - pH Determination	EPA 9045 C

Field of Accreditation:116 - Volatile Organic Compounds in Hazardous Waste

116.220	001	Gasoline Range Organics (GRO)	EPA 8015 B
116.265	001	Benzene	EPA 8260 B
116.265	002	Bromobenzene	EPA 8260 B
116.265	003	Bromochloromethane	EPA 8260 B
116.265	004	Bromodichloromethane	EPA 8260 B
116.265	005	Bromoform	EPA 8260 B
116.265	006	Bromomethane (Methyl Bromide)	EPA 8260 B
116.265	007	n-Butylbenzene	EPA 8260 B
116.265	008	sec-Butylbenzene	EPA 8260 B
116.265	009	tert-Butylbenzene	EPA 8260 B

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

116.265	010	Carbon Disulfide	EPA 8260 B
116.265	011	Carbon Tetrachloride	EPA 8260 B
116.265	012	Chlorobenzene	EPA 8260 B
116.265	013	Chlorodibromomethane (Dibromochloromethane)	EPA 8260 B
116.265	014	Chloroethane	EPA 8260 B
116.265	015	Chloroform	EPA 8260 B
116.265	016	Chloromethane (Methyl Chloride)	EPA 8260 B
116.265	017	Dibromomethane	EPA 8260 B
116.265	018	Dichlorodifluoromethane (Freon 12)	EPA 8260 B
116.265	019	cis-1,2-Dichloroethylene (cis 1,2 Dichloroethene)	EPA 8260 B
116.265	020	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 8260 B
116.265	021	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 8260 B
116.265	022	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 8260 B
116.265	023	Ethylbenzene	EPA 8260 B
116.265	024	Hexachlorobutadiene	EPA 8260 B
116.265	025	Methyl tert-butyl Ether (MTBE)	EPA 8260 B
116.265	026	Methylene Chloride (Dichloromethane)	EPA 8260 B
116.265	027	Naphthalene	EPA 8260 B
116.265	028	Nitrobenzene	EPA 8260 B
116.265	029	N-propylbenzene	EPA 8260 B
116.265	030	Styrene	EPA 8260 B
116.265	031	Tetrachloroethylene (Tetrachloroethene)	EPA 8260 B
116.265	032	Toluene	EPA 8260 B
116.265	033	Trichloroethylene (Trichloroethene)	EPA 8260 B
116.265	034	Trichlorofluoromethane	EPA 8260 B
116.265	035	Vinyl Chloride	EPA 8260 B
116.265	036	m+p-Xylene	EPA 8260 B
116.265	037	o-Xylene	EPA 8260 B
116.265	038	m-Xylene	EPA 8260 B
116.265	039	p-Xylene	EPA 8260 B
116.265	040	1,1-Dichloroethane	EPA 8260 B
116.265	041	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 8260 B
116.265	042	1,1,1-Trichloroethane	EPA 8260 B
116.265	043	1,1,1,2-Tetrachloroethane	EPA 8260 B
116.265	044	1,1,2,2-Tetrachloroethane	EPA 8260 B
116.265	045	1,1,2-Trichloroethane	EPA 8260 B
116.265	046	1,2-Dichlorobenzene	EPA 8260 B
116.265	047	1,2-Dichloroethane (Ethylene Dichloride)	EPA 8260 B
116.265	048	1,2-Dibromoethane (EDB)	EPA 8260 B
116.265	049	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260 B
116.265	050	1,2-Dichloropropane	EPA 8260 B
116.265	051	1,2,3-Trichloropropane (TCP)	EPA 8260 B

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

116.265	052	1,2,4-Trichlorobenzene	EPA 8260 B
116.265	053	1,3-Dichlorobenzene	EPA 8260 B
116.265	054	1,4-Dichlorobenzene	EPA 8260 B
116.265	055	2-Chloroethyl vinyl Ether	EPA 8260 B
116.265	056	4-Chlorotoluene	EPA 8260 B
116.265	057	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	EPA 8260 B
116.265	058	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260 B
116.265	059	Diisopropyl ether (DIPE)	EPA 8260 B
116.265	061	Ethyl tert-butyl Ether (ETBE)	EPA 8260 B
116.265	062	tert-Amyl Methyl Ether (TAME)	EPA 8260 B

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

117.235	002	Diesel Range Organics (DRO)	EPA 8015 B
117.235	004	Oil Range Organics (ORO) [LUFT Range]	EPA 8015 B
117.315	001	Aldrin	EPA 8081 A
117.315	002	alpha-BHC	EPA 8081 A
117.315	003	beta-BHC	EPA 8081 A
117.315	004	delta-BHC	EPA 8081 A
117.315	005	gamma-BHC (Lindane)	EPA 8081 A
117.315	006	Chlordane (total)	EPA 8081 A
117.315	008	4,4'-DDD	EPA 8081 A
117.315	009	4,4'-DDE	EPA 8081 A
117.315	010	4,4'-DDT	EPA 8081 A
117.315	011	Dieldrin	EPA 8081 A
117.315	012	Endosulfan I	EPA 8081 A
117.315	013	Endosulfan II	EPA 8081 A
117.315	014	Endosulfan Sulfate	EPA 8081 A
117.315	015	Endrin	EPA 8081 A
117.315	016	Endrin Aldehyde	EPA 8081 A
117.315	018	Heptachlor	EPA 8081 A
117.315	019	Heptachlor Epoxide	EPA 8081 A
117.315	020	Methoxychlor	EPA 8081 A
117.315	021	Toxaphene	EPA 8081 A
117.335	001	Aroclor 1016	EPA 8082
117.335	002	Aroclor 1221	EPA 8082
117.335	003	Aroclor 1232	EPA 8082
117.335	004	Aroclor 1242	EPA 8082
117.335	005	Aroclor 1248	EPA 8082
117.335	006	Aroclor 1254	EPA 8082
117.335	007	Aroclor 1260	EPA 8082
117.425	001	2,4-D	EPA 8151 A
117.425	002	2,4-DB	EPA 8151 A
117.425	003	2,4,5-TP (Silvex)	EPA 8151 A

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

117.425	004	2,4,5-T	EPA 8151 A
117.425	005	Dalapon	EPA 8151 A
117.425	006	Dicamba	EPA 8151 A
117.425	007	Dichloroprop	EPA 8151 A
117.425	008	Dinoseb	EPA 8151 A
117.425	012	Pentachlorophenol	EPA 8151 A
117.435	001	Acenaphthene	EPA 8270 C
117.435	002	Acenaphthylene	EPA 8270 C
117.435	003	Aniline	EPA 8270 C
117.435	004	Anthracene	EPA 8270 C
117.435	005	Benzidine	EPA 8270 C
117.435	006	Benzoic Acid	EPA 8270 C
117.435	007	Benzo(a)anthracene	EPA 8270 C
117.435	008	Benzo(b)fluoranthene	EPA 8270 C
117.435	009	Benzo(k)fluoranthene	EPA 8270 C
117.435	010	Benzo(g,h,i)perylene	EPA 8270 C
117.435	011	Benzo(a)pyrene	EPA 8270 C
117.435	012	Benzyl Alcohol	EPA 8270 C
117.435	013	Bis(2-chloroethoxy) Methane	EPA 8270 C
117.435	014	Bis(2-chloroethyl) Ether	EPA 8270 C
117.435	015	Bis(2-ethylhexyl)phthalate (Di(2-ethylhexyl) phthalate)	EPA 8270 C
117.435	016	Butyl Benzyl Phthalate	EPA 8270 C
117.435	017	Chrysene	EPA 8270 C
117.435	018	Dibenz(a,h)anthracene	EPA 8270 C
117.435	019	Dibenzofuran	EPA 8270 C
117.435	020	Di-n-butyl Phthalate	EPA 8270 C
117.435	021	Diethyl Phthalate	EPA 8270 C
117.435	022	Dimethyl Phthalate	EPA 8270 C
117.435	023	Di-n-octyl Phthalate	EPA 8270 C
117.435	024	Fluoranthene	EPA 8270 C
117.435	025	Fluorene	EPA 8270 C
117.435	026	Naphthalene	EPA 8270 C
117.435	027	Nitrobenzene	EPA 8270 C
117.435	028	Pentachlorobenzene	EPA 8270 C
117.435	029	Pentachlorophenol	EPA 8270 C
117.435	030	1-Chloronaphthalene	EPA 8270 C
117.435	031	1,2-Dichlorobenzene	EPA 8270 C
117.435	032	1,3-Dichlorobenzene	EPA 8270 C
117.435	033	1,4-Dichlorobenzene	EPA 8270 C
117.435	034	2-Chloronaphthalene	EPA 8270 C
117.435	035	2-Chlorophenol	EPA 8270 C
117.435	036	2,4-Dichlorophenol	EPA 8270 C

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

117.435	037	2,4-Dimethylphenol	EPA 8270 C
117.435	038	2,4-Dinitrophenol	EPA 8270 C
117.435	039	2,4-Dinitrotoluene	EPA 8270 C
117.435	040	2,6-Dichlorophenol	EPA 8270 C
117.435	041	2,6-Dinitrotoluene	EPA 8270 C
117.435	042	2-Nitroaniline	EPA 8270 C
117.435	043	2-Nitrophenol	EPA 8270 C
117.435	044	3-Nitroaniline	EPA 8270 C
117.435	045	3,3'-Dichlorobenzidine	EPA 8270 C
117.435	046	4-Chloroaniline	EPA 8270 C
117.435	047	4-Chloro-3-methylphenol	EPA 8270 C
117.435	048	4-Bromophenyl Phenyl Ether	EPA 8270 C
117.435	049	4-Chlorophenyl Phenyl Ether	EPA 8270 C
117.435	050	4-Nitroaniline	EPA 8270 C
117.435	051	4-Nitrophenol	EPA 8270 C
117.435	052	Aldrin	EPA 8270 C
117.435	053	alpha-BHC	EPA 8270 C
117.435	054	beta-BHC	EPA 8270 C
117.435	055	delta-BHC	EPA 8270 C
117.435	056	gamma-BHC (Lindane)	EPA 8270 C
117.435	057	4,4'-DDD	EPA 8270 C
117.435	058	4,4'-DDE	EPA 8270 C
117.435	059	4,4'-DDT	EPA 8270 C
117.435	060	Dieldrin	EPA 8270 C
117.435	061	Dinoseb	EPA 8270 C
117.435	062	Endosulfan I	EPA 8270 C
117.435	063	Endosulfan II	EPA 8270 C
117.435	064	Endosulfan Sulfate	EPA 8270 C
117.435	065	Endrin	EPA 8270 C
117.435	068	Heptachlor	EPA 8270 C
117.435	069	Heptachlor Epoxide	EPA 8270 C
117.435	070	Methoxychlor	EPA 8270 C
117.435	071	Demeton-O	EPA 8270 C
117.435	072	Demeton-S	EPA 8270 C
117.435	073	Dichlorvos (DDVP)	EPA 8270 C
117.435	074	Disulfoton	EPA 8270 C
117.435	075	Malathion	EPA 8270 C
117.435	076	Parathion Ethyl	EPA 8270 C
117.435	077	Parathion Methyl	EPA 8270 C
117.435	078	Phorate	EPA 8270 C
117.435	079	Terbufos	EPA 8270 C
117.435	087	N-nitrosodiethylamine	EPA 8270 C

Babcock Laboratories, Inc. **Certificate Number:** 2698
Expiration Date: 5/31/2026

117.435	088	N-nitrosodimethylamine	EPA 8270 C
117.435	089	N-nitrosodiphenylamine	EPA 8270 C
117.435	090	N-nitroso-di-n-propylamine	EPA 8270 C
117.435	091	Indeno(1,2,3-c,d)pyrene	EPA 8270 C
117.435	092	Isophorone	EPA 8270 C
117.435	094	Phenanthrene	EPA 8270 C
117.575	001	N-Ethylperfluorooctane Sulfonamide (EtFOSAm)	DoD QSM Version 5.1 (or newer)
117.575	002	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	DoD QSM Version 5.1 (or newer)
117.575	003	N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE)	DoD QSM Version 5.1 (or newer)
117.575	004	4:2 Fluorotelomer Sulfonic Acid (4:2 FTS)	DoD QSM Version 5.1 (or newer)
117.575	005	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	DoD QSM Version 5.1 (or newer)
117.575	006	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	DoD QSM Version 5.1 (or newer)
117.575	007	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	DoD QSM Version 5.1 (or newer)
117.575	008	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	DoD QSM Version 5.1 (or newer)
117.575	009	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	DoD QSM Version 5.1 (or newer)
117.575	010	N-Methylperfluorooctane Sulfonamide (NMeFOSA)	DoD QSM Version 5.1 (or newer)
117.575	011	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOSAA)	DoD QSM Version 5.1 (or newer)
117.575	012	N-Methylperfluorooctane Sulfonamido Ethanol (NMeFOSE)	DoD QSM Version 5.1 (or newer)
117.575	013	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	DoD QSM Version 5.1 (or newer)
117.575	014	Perfluorobutanoic Acid (PFBA)	DoD QSM Version 5.1 (or newer)
117.575	015	Perfluorobutane Sulfonic Acid (PFBS)	DoD QSM Version 5.1 (or newer)
117.575	016	Perfluorodecanoic Acid (PFDA)	DoD QSM Version 5.1 (or newer)
117.575	017	Perfluorododecanoic Acid (PFDoA)	DoD QSM Version 5.1 (or newer)
117.575	018	Perfluorodecane Sulfonic Acid (PFDS)	DoD QSM Version 5.1 (or newer)
117.575	019	Perfluoroheptanoic Acid (PFHpA)	DoD QSM Version 5.1 (or newer)
117.575	020	Perfluoroheptane Sulfonic Acid (PFHpS)	DoD QSM Version 5.1 (or newer)
117.575	021	Perfluorohexane Sulfonic Acid (PFHxS)	DoD QSM Version 5.1 (or newer)
117.575	022	Perfluorohexanoic Acid (PFHxA)	DoD QSM Version 5.1 (or newer)
117.575	023	Perfluorononanoic Acid (PFNA)	DoD QSM Version 5.1 (or newer)
117.575	024	Perfluorooctanoic Acid (PFOA)	DoD QSM Version 5.1 (or newer)
117.575	025	Perfluorooctane Sulfonic Acid (PFOS)	DoD QSM Version 5.1 (or newer)
117.575	026	Perfluorooctane Sulfonamide (PFOSAm)	DoD QSM Version 5.1 (or newer)
117.575	027	Perfluoropentanoic Acid (PFPeA)	DoD QSM Version 5.1 (or newer)
117.575	028	Perfluoropentane Sulfonic Acid (PFPeS)	DoD QSM Version 5.1 (or newer)
117.575	029	Perfluorotetradecanoic Acid (PFTeDA)	DoD QSM Version 5.1 (or newer)
117.575	030	Perfluorotridecanoic Acid (PFTrDA)	DoD QSM Version 5.1 (or newer)
117.575	031	Perfluoroundecanoic Acid (PFUnDA)	DoD QSM Version 5.1 (or newer)
117.575	032	10:2 Fluorotelomer Sulfonic Acid (10:2 FTS)	DoD QSM Version 5.1 (or newer)
117.575	033	Perfluorohexadecanoic Acid (PFHxDA)	DoD QSM Version 5.1 (or newer)
117.575	034	Perfluorononane Sulfonic Acid (PFNS)	DoD QSM Version 5.1 (or newer)
117.575	035	Perfluorooctadecanoic Acid (PFODA)	DoD QSM Version 5.1 (or newer)
117.575	036	2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	DoD QSM Version 5.1 (or newer)

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

117.575	037	2H,2H,3H,3H-Perfluorohexaanoic Acid (3:3 FTCA)	DoD QSM Version 5.1 (or newer)
117.575	038	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	DoD QSM Version 5.1 (or newer)
117.575	039	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	DoD QSM Version 5.1 (or newer)
117.575	040	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	DoD QSM Version 5.1 (or newer)
117.575	041	Perfluoro-3-methoxypropanoic acid (PFMPA)	DoD QSM Version 5.1 (or newer)
117.575	042	Perfluoro-4-methoxybutanoic acid (PFMBA)	DoD QSM Version 5.1 (or newer)

Field of Accreditation: 126 - Microbiological Methods for Ambient Water

126.102	001	Total Coliform (Enumeration)	SM 9221 B-2014
126.104	001	Fecal Coliform (Enumeration)	SM 9221 E-2014
126.106	001	E. coli (Enumeration)	SM 9221 F-2014
126.114	001	Fecal Streptococci	SM 9230 B-2013
126.118	001	Enterococci	SM 9230 D-2013 Enterolert
126.122	001	E. coli (Enumeration)	SM 9223 B-2016 Colilert 18

Field of Accreditation: 130 - Inorganic constituents in Hazardous waste (Matrix Aqueous)

130.010	001	Aluminum	EPA 6010 B
130.010	002	Antimony	EPA 6010 B
130.010	003	Arsenic	EPA 6010 B
130.010	004	Barium	EPA 6010 B
130.010	005	Beryllium	EPA 6010 B
130.010	006	Boron	EPA 6010 B
130.010	007	Cadmium	EPA 6010 B
130.010	008	Calcium	EPA 6010 B
130.010	009	Chromium	EPA 6010 B
130.010	010	Cobalt	EPA 6010 B
130.010	011	Copper	EPA 6010 B
130.010	012	Iron	EPA 6010 B
130.010	013	Lead	EPA 6010 B
130.010	014	Magnesium	EPA 6010 B
130.010	015	Manganese	EPA 6010 B
130.010	016	Molybdenum	EPA 6010 B
130.010	017	Nickel	EPA 6010 B
130.010	018	Potassium	EPA 6010 B
130.010	019	Selenium	EPA 6010 B
130.010	020	Silver	EPA 6010 B
130.010	021	Sodium	EPA 6010 B
130.010	022	Strontium	EPA 6010 B
130.010	023	Thallium	EPA 6010 B
130.010	024	Tin	EPA 6010 B
130.010	025	Titanium	EPA 6010 B
130.010	026	Vanadium	EPA 6010 B
130.010	027	Zinc	EPA 6010 B
130.030	001	Aluminum	EPA 6020

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

130.030	002	Antimony	EPA 6020
130.030	003	Arsenic	EPA 6020
130.030	004	Barium	EPA 6020
130.030	005	Beryllium	EPA 6020
130.030	006	Cadmium	EPA 6020
130.030	007	Chromium	EPA 6020
130.030	008	Cobalt	EPA 6020
130.030	009	Copper	EPA 6020
130.030	010	Lead	EPA 6020
130.030	011	Manganese	EPA 6020
130.030	012	Nickel	EPA 6020
130.030	013	Silver	EPA 6020
130.030	014	Thallium	EPA 6020
130.030	015	Zinc	EPA 6020
130.030	016	Molybdenum	EPA 6020
130.030	017	Selenium	EPA 6020
130.030	018	Vanadium	EPA 6020
130.170	001	Chromium VI (Hexavalent Chromium)	EPA 7199
130.250	001	Mercury	EPA 7470 A

Field of Accreditation:131 - Leaching/Extraction, Physical Chacterstics in Hazardous Waste (Matrix Aqueous)

131.010	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
131.040	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311
131.050	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312
131.060	001	Ignitability	EPA 1010
131.110	001	Corrosivity - pH Determination	EPA 9040 B

Field of Accreditation:132 - Volatile Organic Compounds in Hazardous Waste (Matrix Aqueous)

132.010	001	1,2-Dibromoethane (EDB)	EPA 8011
132.010	002	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8011
132.015	001	Gasoline Range Organics (GRO)	EPA 8015 B
132.060	001	Benzene	EPA 8260 B
132.060	002	Bromobenzene	EPA 8260 B
132.060	003	Bromochloromethane	EPA 8260 B
132.060	004	Bromodichloromethane	EPA 8260 B
132.060	005	Bromoform	EPA 8260 B
132.060	006	Bromomethane (Methyl Bromide)	EPA 8260 B
132.060	007	n-Butylbenzene	EPA 8260 B
132.060	008	sec-Butylbenzene	EPA 8260 B
132.060	009	tert-Butylbenzene	EPA 8260 B
132.060	010	Carbon Disulfide	EPA 8260 B
132.060	011	Carbon Tetrachloride	EPA 8260 B
132.060	012	Chlorobenzene	EPA 8260 B
132.060	013	Chlorodibromomethane (Dibromochloromethane)	EPA 8260 B

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

132.060	014	Chloroethane	EPA 8260 B
132.060	015	Chloroform	EPA 8260 B
132.060	016	Chloromethane (Methyl Chloride)	EPA 8260 B
132.060	017	Dibromomethane	EPA 8260 B
132.060	018	Dichlorodifluoromethane (Freon 12)	EPA 8260 B
132.060	019	cis-1,2-Dichloroethylene (cis 1,2 Dichloroethene)	EPA 8260 B
132.060	020	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 8260 B
132.060	021	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 8260 B
132.060	022	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 8260 B
132.060	023	Ethylbenzene	EPA 8260 B
132.060	024	Hexachlorobutadiene	EPA 8260 B
132.060	025	Methyl tert-butyl Ether (MTBE)	EPA 8260 B
132.060	026	Methylene Chloride (Dichloromethane)	EPA 8260 B
132.060	027	Naphthalene	EPA 8260 B
132.060	029	N-propylbenzene	EPA 8260 B
132.060	030	Styrene	EPA 8260 B
132.060	031	Tetrachloroethylene (Tetrachloroethene)	EPA 8260 B
132.060	032	Toluene	EPA 8260 B
132.060	033	Trichloroethylene (Trichloroethene)	EPA 8260 B
132.060	034	Trichlorofluoromethane	EPA 8260 B
132.060	035	Vinyl Chloride	EPA 8260 B
132.060	036	m+p-Xylene	EPA 8260 B
132.060	037	o-Xylene	EPA 8260 B
132.060	038	m-Xylene	EPA 8260 B
132.060	039	p-Xylene	EPA 8260 B
132.060	040	1,1-Dichloroethane	EPA 8260 B
132.060	041	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 8260 B
132.060	042	1,1,1-Trichloroethane	EPA 8260 B
132.060	043	1,1,1,2-Tetrachloroethane	EPA 8260 B
132.060	044	1,1,2,2-Tetrachloroethane	EPA 8260 B
132.060	045	1,1,2-Trichloroethane	EPA 8260 B
132.060	046	1,2-Dichlorobenzene	EPA 8260 B
132.060	047	1,2-Dichloroethane (Ethylene Dichloride)	EPA 8260 B
132.060	048	1,2-Dibromoethane (EDB)	EPA 8260 B
132.060	049	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260 B
132.060	050	1,2-Dichloropropane	EPA 8260 B
132.060	051	1,2,3-Trichloropropane (TCP)	EPA 8260 B
132.060	052	1,2,4-Trichlorobenzene	EPA 8260 B
132.060	053	1,3-Dichlorobenzene	EPA 8260 B
132.060	054	1,4-Dichlorobenzene	EPA 8260 B
132.060	055	2-Chloroethyl vinyl Ether	EPA 8260 B
132.060	056	4-Chlorotoluene	EPA 8260 B

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

132.060	057	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	EPA 8260 B
132.060	058	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260 B
132.060	059	Diisopropyl ether (DIPE)	EPA 8260 B
132.060	061	Ethyl tert-butyl Ether (ETBE)	EPA 8260 B
132.060	062	tert-Amyl Methyl Ether (TAME)	EPA 8260 B

Field of Accreditation:133 - Semi-Volatile Organic Chemistry in Hazardous Waste (Matrix Aqueous)

133.010	002	Diesel Range Organics (DRO)	EPA 8015 B
133.090	001	Aldrin	EPA 8081 A
133.090	002	alpha-BHC	EPA 8081 A
133.090	003	beta-BHC	EPA 8081 A
133.090	004	delta-BHC	EPA 8081 A
133.090	005	gamma-BHC (Lindane)	EPA 8081 A
133.090	006	Chlordane	EPA 8081 A
133.090	008	4,4'-DDD	EPA 8081 A
133.090	009	4,4'-DDE	EPA 8081 A
133.090	010	4,4'-DDT	EPA 8081 A
133.090	011	Dieldrin	EPA 8081 A
133.090	012	Endosulfan I	EPA 8081 A
133.090	013	Endosulfan II	EPA 8081 A
133.090	014	Endosulfan Sulfate	EPA 8081 A
133.090	015	Endrin	EPA 8081 A
133.090	016	Endrin Aldehyde	EPA 8081 A
133.090	017	Endrin Ketone	EPA 8081 A
133.090	018	Heptachlor	EPA 8081 A
133.090	019	Heptachlor Epoxide	EPA 8081 A
133.090	020	Methoxychlor	EPA 8081 A
133.090	021	Toxaphene	EPA 8081 A
133.120	001	Aroclor 1016	EPA 8082
133.120	002	Aroclor 1221	EPA 8082
133.120	003	Aroclor 1232	EPA 8082
133.120	004	Aroclor 1242	EPA 8082
133.120	005	Aroclor 1248	EPA 8082
133.120	006	Aroclor 1254	EPA 8082
133.120	007	Aroclor 1260	EPA 8082
133.220	001	2,4-D	EPA 8151 A
133.220	002	2,4-DB	EPA 8151 A
133.220	003	2,4,5-TP (Silvex)	EPA 8151 A
133.220	004	2,4,5-T	EPA 8151 A
133.220	005	Dalapon	EPA 8151 A
133.220	006	Dicamba	EPA 8151 A
133.220	007	Dichloroprop	EPA 8151 A
133.220	008	Dinoseb	EPA 8151 A

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

133.220	012	Pentachlorophenol	EPA 8151 A
133.230	001	Acenaphthene	EPA 8270 C
133.230	002	Acenaphthylene	EPA 8270 C
133.230	003	Aniline	EPA 8270 C
133.230	004	Anthracene	EPA 8270 C
133.230	005	Benzidine	EPA 8270 C
133.230	006	Benzoic Acid	EPA 8270 C
133.230	007	Benzo(a)anthracene	EPA 8270 C
133.230	008	Benzo(b)fluoranthene	EPA 8270 C
133.230	009	Benzo(k)fluoranthene	EPA 8270 C
133.230	010	Benzo(g,h,i)perylene	EPA 8270 C
133.230	011	Benzo(a)pyrene	EPA 8270 C
133.230	012	Benzyl Alcohol	EPA 8270 C
133.230	013	Bis(2-chloroethoxy) Methane	EPA 8270 C
133.230	014	Bis(2-chloroethyl) Ether	EPA 8270 C
133.230	015	Bis(2-ethylhexyl)phthalate (Di(2-ethylhexyl) phthalate)	EPA 8270 C
133.230	016	Butyl Benzyl Phthalate	EPA 8270 C
133.230	017	Chrysene	EPA 8270 C
133.230	018	Dibenz(a,h)anthracene	EPA 8270 C
133.230	019	Dibenzofuran	EPA 8270 C
133.230	020	Di-n-butyl Phthalate	EPA 8270 C
133.230	021	Diethyl Phthalate	EPA 8270 C
133.230	022	Dimethyl Phthalate	EPA 8270 C
133.230	023	Di-n-octyl Phthalate	EPA 8270 C
133.230	024	Fluoranthene	EPA 8270 C
133.230	025	Fluorene	EPA 8270 C
133.230	026	Naphthalene	EPA 8270 C
133.230	027	Nitrobenzene	EPA 8270 C
133.230	028	Pentachlorobenzene	EPA 8270 C
133.230	029	Pentachlorophenol	EPA 8270 C
133.230	030	1-Chloronaphthalene	EPA 8270 C
133.230	031	1,2-Dichlorobenzene	EPA 8270 C
133.230	032	1,3-Dichlorobenzene	EPA 8270 C
133.230	033	1,4-Dichlorobenzene	EPA 8270 C
133.230	034	2-Chloronaphthalene	EPA 8270 C
133.230	035	2-Chlorophenol	EPA 8270 C
133.230	036	2,4-Dichlorophenol	EPA 8270 C
133.230	037	2,4-Dimethylphenol	EPA 8270 C
133.230	038	2,4-Dinitrophenol	EPA 8270 C
133.230	039	2,4-Dinitrotoluene	EPA 8270 C
133.230	040	2,6-Dichlorophenol	EPA 8270 C
133.230	041	2,6-Dinitrotoluene	EPA 8270 C

Babcock Laboratories, Inc.

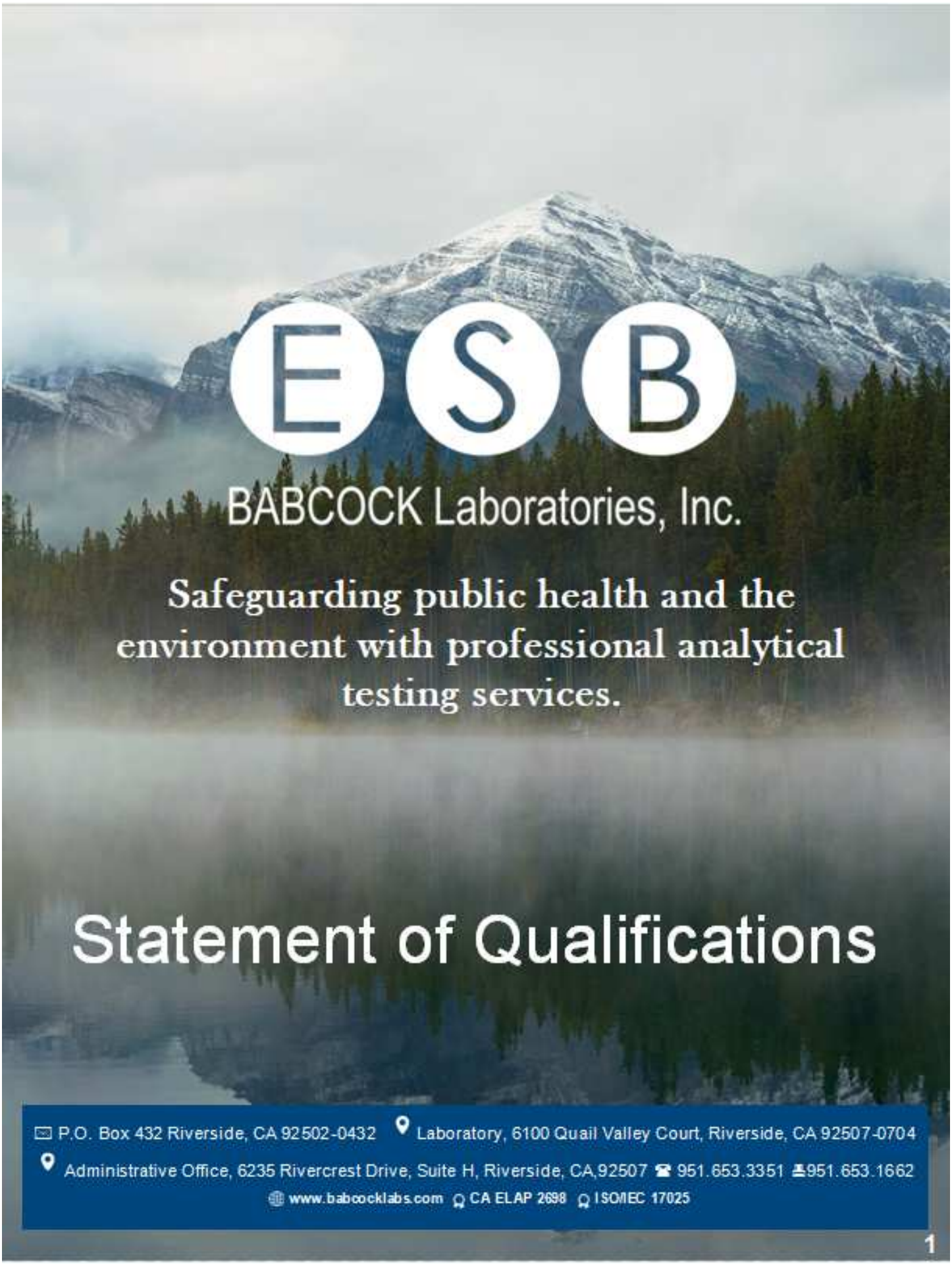
Certificate Number: 2698
Expiration Date: 5/31/2026

133.230	042	2-Nitroaniline	EPA 8270 C
133.230	043	2-Nitrophenol	EPA 8270 C
133.230	044	3-Nitroaniline	EPA 8270 C
133.230	045	3,3'-Dichlorobenzidine	EPA 8270 C
133.230	046	4-Chloroaniline	EPA 8270 C
133.230	047	4-Chloro-3-methylphenol	EPA 8270 C
133.230	048	4-Bromophenyl Phenyl Ether	EPA 8270 C
133.230	049	4-Chlorophenyl Phenyl Ether	EPA 8270 C
133.230	050	4-Nitroaniline	EPA 8270 C
133.230	051	4-Nitrophenol	EPA 8270 C
133.230	052	Aldrin	EPA 8270 C
133.230	053	alpha-BHC	EPA 8270 C
133.230	054	beta-BHC	EPA 8270 C
133.230	055	delta-BHC	EPA 8270 C
133.230	056	gamma-BHC (Lindane)	EPA 8270 C
133.230	057	4,4'-DDD	EPA 8270 C
133.230	058	4,4'-DDE	EPA 8270 C
133.230	059	4,4'-DDT	EPA 8270 C
133.230	060	Dieldrin	EPA 8270 C
133.230	062	Endosulfan I	EPA 8270 C
133.230	063	Endosulfan II	EPA 8270 C
133.230	064	Endosulfan Sulfate	EPA 8270 C
133.230	065	Endrin	EPA 8270 C
133.230	068	Heptachlor	EPA 8270 C
133.230	069	Heptachlor Epoxide	EPA 8270 C
133.230	070	Methoxychlor	EPA 8270 C
133.230	071	Demeton-O	EPA 8270 C
133.230	072	Demeton-S	EPA 8270 C
133.230	073	Dichlorvos (DDVP)	EPA 8270 C
133.230	074	Disulfoton	EPA 8270 C
133.230	075	Malathion	EPA 8270 C
133.230	076	Parathion Ethyl	EPA 8270 C
133.230	077	Parathion Methyl	EPA 8270 C
133.230	078	Phorate	EPA 8270 C
133.230	079	Terbufos	EPA 8270 C
133.230	087	N-nitrosodiethylamine	EPA 8270 C
133.230	088	N-nitrosodimethylamine	EPA 8270 C
133.230	089	N-nitrosodiphenylamine	EPA 8270 C
133.230	090	N-nitroso-di-n-propylamine	EPA 8270 C
133.230	091	Indeno(1,2,3-c,d)pyrene	EPA 8270 C
133.230	092	Isophorone	EPA 8270 C
133.230	093	2-Methylnaphthalene	EPA 8270 C

Babcock Laboratories, Inc.

Certificate Number: 2698
Expiration Date: 5/31/2026

133.230	094	Phenanthrene	EPA 8270 C
133.380	001	N-Ethylperfluorooctane Sulfonamide (EtFOSAm)	DoD QSM Version 5.1 (or newer)
133.380	002	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	DoD QSM Version 5.1 (or newer)
133.380	004	4:2 Fluorotelomer Sulfonic Acid (4:2 FTS)	DoD QSM Version 5.1 (or newer)
133.380	005	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	DoD QSM Version 5.1 (or newer)
133.380	006	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	DoD QSM Version 5.1 (or newer)
133.380	007	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	DoD QSM Version 5.1 (or newer)
133.380	008	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	DoD QSM Version 5.1 (or newer)
133.380	009	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	DoD QSM Version 5.1 (or newer)
133.380	010	N-Methylperfluorooctane Sulfonamide (NMeFOSA)	DoD QSM Version 5.1 (or newer)
133.380	011	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOSAA)	DoD QSM Version 5.1 (or newer)
133.380	012	N-Methylperfluorooctane Sulfonamido Ethanol (NMeFOSE)	DoD QSM Version 5.1 (or newer)
133.380	013	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	DoD QSM Version 5.1 (or newer)
133.380	014	Perfluorobutanoic Acid (PFBA)	DoD QSM Version 5.1 (or newer)
133.380	015	Perfluorobutane Sulfonic Acid (PFBS)	DoD QSM Version 5.1 (or newer)
133.380	016	Perfluorodecanoic Acid (PFDA)	DoD QSM Version 5.1 (or newer)
133.380	017	Perfluorododecanoic Acid (PFDoA)	DoD QSM Version 5.1 (or newer)
133.380	018	Perfluorodecane Sulfonic Acid (PFDS)	DoD QSM Version 5.1 (or newer)
133.380	019	Perfluoroheptanoic Acid (PFHpA)	DoD QSM Version 5.1 (or newer)
133.380	020	Perfluoroheptane Sulfonic Acid (PFHpS)	DoD QSM Version 5.1 (or newer)
133.380	021	Perfluorohexane Sulfonic Acid (PFHxS)	DoD QSM Version 5.1 (or newer)
133.380	022	Perfluorohexanoic Acid (PFHxA)	DoD QSM Version 5.1 (or newer)
133.380	023	Perfluorononanoic Acid (PFNA)	DoD QSM Version 5.1 (or newer)
133.380	024	Perfluorooctanoic Acid (PFOA)	DoD QSM Version 5.1 (or newer)
133.380	025	Perfluorooctane Sulfonic Acid (PFOS)	DoD QSM Version 5.1 (or newer)
133.380	026	Perfluorooctane Sulfonamide (PFOSAm)	DoD QSM Version 5.1 (or newer)
133.380	027	Perfluoropentanoic Acid (PFPeA)	DoD QSM Version 5.1 (or newer)
133.380	028	Perfluoropentane Sulfonic Acid (PFPeS)	DoD QSM Version 5.1 (or newer)
133.380	029	Perfluorotetradecanoic Acid (PFTeDA)	DoD QSM Version 5.1 (or newer)
133.380	030	Perfluorotridecanoic Acid (PFTrDA)	DoD QSM Version 5.1 (or newer)
133.380	031	Perfluoroundecanoic Acid (PFUnDA)	DoD QSM Version 5.1 (or newer)
133.380	032	10:2 Fluorotelomer Sulfonic Acid (10:2 FTS)	DoD QSM Version 5.1 (or newer)
133.380	033	Perfluorohexadecanoic Acid (PFHxDA)	DoD QSM Version 5.1 (or newer)
133.380	034	Perfluorononane Sulfonic Acid (PFNS)	DoD QSM Version 5.1 (or newer)
133.380	035	Perfluorooctadecanoic Acid (PFODA)	DoD QSM Version 5.1 (or newer)
133.380	036	2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	DoD QSM Version 5.1 (or newer)
133.380	037	2H,2H,3H,3H-Perfluorohexaanoic Acid (3:3 FTCA)	DoD QSM Version 5.1 (or newer)
133.380	038	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	DoD QSM Version 5.1 (or newer)
133.380	039	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	DoD QSM Version 5.1 (or newer)
133.380	040	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	DoD QSM Version 5.1 (or newer)
133.380	041	Perfluoro-3-methoxypropanoic acid (PFMPA)	DoD QSM Version 5.1 (or newer)



About Our Company

When Edward S. Babcock founded our company in 1906 he understood the value of reliable testing services that met the analytical data demands of the time. Since then, Babcock Laboratories has grown from a small family business to a corporation of approximately 95 employee owners who—like their predecessor—endeavor to safeguard public health and the environment by consistently delivering analytical expertise. Babcock Laboratories supplies a versatile range of lab services, providing analysis and support that meet both state and federal regulations for drinking water, wastewater, stormwater, groundwater, soils, and hazardous waste materials.

Babcock Laboratories has one of the most highly regarded testing reputations in the industry and takes great pride in providing accurate testing to a wide-range of customers. We are committed to continuing Professor Babcock's legacy of exceptional analytical testing services and customer care.

Clients of Babcock Laboratories receive reliable, defensible data of known and documented quality as well as many other value-added services including:

- Over 118 years of experience as an independent analytical laboratory.
- Attention to detail provided by personable and knowledgeable staff from time of sample collection to final reporting.
- Strict adherence to regulatory reporting deadlines and turnaround times.
- A rigorous and proactive Quality Assurance Program.
- Consistent scores in the 98-100th percentiles on all Performance Testing (PT).
- Reports delivered in customizable electronic data deliverable (EDD) formats and available online (or via hardcopy upon request) at no additional cost.
- In-house field department staffed by highly trained field technicians to provide drinking water sampling, UCMR compliance sampling, PFAS sampling, and wastewater sampling.
- Responsive, skilled project management including historical database review for accuracy and consistency.
- Technical consultation.
- Specialized training classes taught by industry experts.
- Emergency services including holiday and weekend acceptance of samples and rush turnaround.
- Extended hours to accommodate delivery schedules.

For more information about us, visit www.babcocklabs.com/who-we-are

Accreditations & Certifications

Babcock Labs was first certified by the California Department of Public Health (CDPH) for microbiology in 1928. Since that time, we have maintained lab accreditation continuously for 92 years.

NELAP/ISO 17025 Program Experience

Babcock Labs' present certification is maintained under four programs: the NELAC Institute's (TNI) National Environmental Laboratory Accreditation Program (NELAP #4035-001) through the State of Oregon (ORELAP), the State Water Resources Control Board (SWRCB) Environmental Laboratory Accreditation Program (ELAP #2698), Department of Defense (DoD) accreditation for PFAS through ANAB (Cert. ADE-2825), and ISO 17025 accreditation through A2LA (Certification #3232.01). Babcock Labs is also a U.S. EPA approved laboratory for the fifth round of the Unregulated Contaminant Moniroting Rule (UCMR 5) and has participated in multiple UCMR method validation studies. Under these programs, Babcock Labs is approved for the environmental analysis of drinking water, wastewater, and hazardous waste. We are currently approved to perform analyses in the following fields:

ORELAP Cert No. 4035

ELAP Certification Number: 2698

- Bacteriology & Pathogens
- Inorganic Chemistry
- Toxic Chemical Elements
- Trace Metals
- Organic Chemistry
- Leachate Tests

U.S. EPA Program Experience

In order to meet the needs of our clients, Babcock has received EPA laboratory approvals since the Information Collection Rule (ICR) first went into effect in 1998. Babcock Labs earned approval from the EPA for testing under the first cycle of the Unregulated Contaminant Monitoring Rule (UCMR) and has since earned certification from the EPA for all subsequent UCMR cycles (UCMR 2, UCMR 3, UCMR 4, and UCMR 5).

With an exemplary reputation in UCMR methods and analyses, Babcock Labs has served the U.S. EPA's laboratory testing and data collection efforts directly, providing lab support for small drinking water systems throughout the U.S. Additionally, Babcock Labs has participated in a number of reporting level studies and has assisted the EPA by conducting method development and validation for the analysis of per- and polyfluorinated alkyl substances (PFAS). Our experience with and intimate knowledge of the program make Babcock Labs an excellent resource for UCMR testing services.

UCMR4 Approval

To view all of our current certificates, visit www.babcocklabs.com/certifications

Testing Services

Drinking Water Analyses

California water agencies have relied on Babcock Labs to provide State certified drinking water analyses for more than 95 years. We offer a full range of testing methods in compliance with the Safe Drinking Water Act, CA Title 22, and UCMR regulations.

Wastewater Analyses

Babcock Labs provides sampling and testing services to help clients comply with municipal water discharge permit requirements for Industrial Pretreatment Programs and with National Pollution Discharge and Elimination System (NPDES) permits issued by the California Regional Water Quality Control Boards, including Septic Tank Monitoring.

Groundwater Analyses

Babcock Labs testing services for groundwater, landfill monitoring, remediation, and soil projects include a wide variety of volatile, semi-volatile, mineral, and inorganic chemical analyses, as well as complete trace metal determinations. These analyses are detailed in the EPA Solid Waste Assessment Manual (SW-846) for site assessment, monitoring, and remediation projects.

Stormwater Analyses

Babcock Labs has provided for the collection and testing of stormwater samples since the inception of the stormwater runoff program. Our laboratory and its partners provide complete analytical services for the NPDES programs administered by the State Water Resources Quality Control Board for industrial stormwater, construction activities, municipalities, and Caltrans.

Hazardous Waste & Soils Analyses

Babcock Labs provides for the analysis of solid waste, oils, sludge and hazardous materials. Tests performed include waste characterizations, such as pH, flash point, cyanide, and sulfide bearing wastes.

For more information about our services, visit www.babcocklabs.com/services

Web Access & Quality Assurance

Web Data Access

Babcock Labs offers secure, user-friendly web-based data access for our clients via our website. This service provides real-time data access 24/7 and is an invaluable tool for writing and submitting reports in a timely fashion.

Quality Assurance

It is the goal of the staff of Babcock Laboratories to produce the highest quality, most reliable data possible for use by our clients. Our Quality Assurance department oversees the entire Quality Assurance program and maintains various certifications, such as NELAP, ELAP, and ISO/IEC 17025. The Quality Assurance/Quality Control procedures followed at Babcock Labs are modeled after EPA and NELAP guidelines and serve as a tool in achieving the goal of producing data of known and well-documented quality.

The Quality Assurance department also performs internal audits and ethics training for the laboratory to ensure analysts perform each test with integrity. Overall, our Quality Assurance program provides clients with the confidence that Babcock Laboratories is certified by the appropriate accrediting bodies and therefore authorized to meet their regulatory and compliance needs.

If you would like more information, please visit our website at www.babcocklabs.com or call us at 951-653-3351 to speak with our Quality Assurance Manager, Stacey Fry.

Organization & Personnel

A 100% Employee-Owned Company

As of December 2014, Babcock Laboratories is 100% employee-owned through the purchase of the laboratory by the Babcock Laboratories Employee Stock Ownership Trust. The Employee Stock Ownership Plan (ESOP) affords Babcock Labs long-term sustainability and high employee engagement, as staff members are allocated shares in ownership of the company.

The Babcock Labs team is comprised of approximately 95 talented professionals including chemists, microbiologists, field technicians, and office personnel who have expertise in the areas of analytical chemistry, method development, regulatory compliance, and quality assurance.

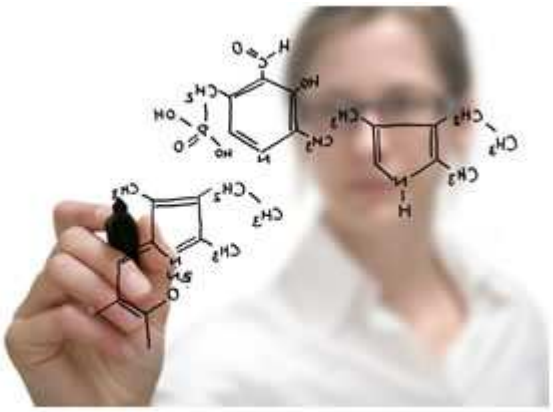
Principal Personnel

Overseeing the daily operations of the company are Chief Executive Officer and President, Tiffany Gomez, and Executive Vice President of Regulatory Affairs, Allison Mackenzie, Vice President of Operations, Urvashi Patel, and Laboratory Technical Director, Rachel Cahill. The executives have experience in all aspects of laboratory analysis, techniques, environmental regulations, client relations, and business administration.

Key Personnel

All of our key lab operations personnel have many years of experience working in the environmental testing industry, and more than half have over 20 years of experience with Babcock Laboratories alone. The knowledge and experience of our team is of great benefit to our clients and their projects. Key personnel include:

- Tiffany Gomez, President and CEO
- Allison Mackenzie, Exec. Vice President
- Rachel Cahill, Laboratory Technical Director
- Urvashi Patel, VP of Operations
- Kayelani Marshall, Client Success Manager
- Cathy Iijima, Client Relations Manager
- Julia Sudds, Quality Division Leader
- Samiyah Falcone, Microbiology Lab Manager
- Matthew Gooch, Inorganics & Trace Metals Lab Manager
- Valerie Sierzchula, Organics Lab Manager
- Omar Sosa, Field Operations Manager



The Babcock Experience

The Babcock Experience involves customer service that goes above and beyond by focusing on reliability, responsiveness, and our relationships with our clients. Our customer service team is led by Urvashi Patel who oversees a dedicated group of Babcock employees in project management, sample receiving, and shipping. Each client is assigned a Project Manager (PM) and Project Manager Assistant (PMA) who serve as the client points of contact.

The PM team provides for project oversight and communications for all interactions with the lab, including consultation regarding project appropriate methods, sampling supplies and field services, turn-around times, and data deliverables. The PM and PMA monitor project progression and relay all deliverable requirements, including special quality control and reporting limit needs, to the laboratory staff. PMs provide reports in a variety of electronic formats and upload data to State and Federal databases, as required.

We are happy to provide individual resumes and a company organizational chart upon request.

Field Services

Field Sampling Services

Babcock Labs' Field Technicians have extensive experience in environmental sampling. Our field team provides sampling services for a wide variety of programs and analyses, including:

- Safe Drinking Water Act | CA Title 22
    - Bacteriological | Chemical | Radiological
- NPDES | Pretreatment Program
    - Grab & Composite Effluent Sampling
- RCRA/CADTSC
- UCMR
- PFAS

Our field team is not an outsourced courier service; it is an in-house department that acts under the direction of Babcock Labs Field Manager, Omar Sosa. The team is composed of experienced and well-trained field technicians and consistently receives high client satisfaction ratings. Each technician pays strict adherence to EPA guidelines and regulatory requirements. The services provided by our field technicians include grab and 24-hour composite sampling, groundwater monitoring, and emergency sampling services.

For more information about our field services, visit www.babcocklabs.com/field-services

Instrumentation & Facilities

Precision Instrumentation

We boast a wide variety of top-of-the-line instrumentation to meet today's demands for high precision and low detection limits. Reinvesting in our facilities and instrumentation is a top priority at Babcock Laboratories because we believe our clients deserve the very best. Analytical techniques currently available at Babcock Labs are:

- Gas Chromatography
  - Mass Spectrometry (MSD)
  - Electron Capture (ECD)
  - Flame Ionization (FID)
  - Purge and Trap Purge and Trap
- Liquid Chromatography (HPLC)
  - Tandem Mass Spectrophotometry (MS/MS)
  - Post Column Reaction
  - Fluorescence Detection
  - UV/VIS Detection
- Ion Chromatography
  - Tandem Mass Spectrophotometry (MS/MS)
  - Ion Chromatography with Conductivity Detection
  - Ion Chromatography with UV/Vis Detection
- Inductively Coupled Plasma Atomic Emission
  - Spectrometry (ICP-AES)
  - Inductively Coupled Plasma Mass Spectrometry (ICP/MS) with Collision Cell Technology
- Atomic Absorption Spectrophotometry
  - Cold Vapor Analysis for Hg
- Ultraviolet/Visible Spectrophotometry (UV/VIS)
- Infrared Spectrophotometry for Hydrocarbon Analysis
- Total Organic Carbon Analysis (TOC)
- Light Microscopy
- Specific Ion Electrochemistry
- Polymerase Chain Reaction (PCR)
- Enzyme-Linked Immunosorbent Assay (ELISA)

We are happy to provide a complete listing of our equipment and instrumentation upon request.

State-of-the-Art Facilities

Babcock Labs' 13,000 square-foot main facility was built according to a carefully planned environmental laboratory design. In August of 2004 a 7,300 square-foot ancillary lab facility was completed to accommodate the expansion of our testing services. The addition of this facility has allowed for quicker turnaround times, improved efficiency, additional capacity, more analysts, new instrumentation capabilities, and seminar space. More recently, we have added adjacent office space. As the needs of our clients increase and we venture into new markets, our company and services grow and we continue to develop our facilities accordingly.

8

Technical Training & Seminars

T.E.A.M. Events

Each quarter, the lab hosts informational seminars called T.E.A.M. Events. T.E.A.M. stands for Technical, Environmental, and Analytical Meetings. The seminars address timely issues and trends in environmental and health regulations with presentations from industry experts. Contact hours are offered for these on-site sessions. Recent T.E.A.M. Events have addressed topics such as perchlorate contamination and treatment, stormwater sampling and analysis, bacteriological regulations and analysis, pathogenic regulations and analysis, sampling techniques for wastewater, and drinking water and wastewater regulatory updates.

ESB Drinking Water Workshop

Drinking Water Workshops

Proper drinking water sampling requires thorough training, extensive knowledge, appropriate resources, and up-to-date techniques. These elements are vital if an organization wishes to maintain scientific integrity and receive quality, legally defensible data from its laboratory which is why Babcock Labs offers a Drinking Water Workshop. The workshop includes a short course seminar and an interactive training session conducted by our expert staff. Contact hours and a certification of completion are offered for this on-site workshop.

PFAS Sampling Workshops

These workshops include a short course seminar on PFAS methods, analyses, and special requirements, in addition to the State Water Board Phased Investigation approach to collecting data on this emerging contaminant of concern. Attendees also learn about sampling, including bottle type, preservation, and how to avoid potential sources of contamination.

For more information on upcoming technical training and seminars, please visit our website at www.babcocklabs.com/training-seminars

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www.babcocklabs.com

Bedford-Coldwater Groundwater Sustainability Auth
Quote #: O25-290

Analytical Services Quotation

Michael Cruikshank
Bedford-Coldwater Groundwater Sustainability Auth
313315 Chaney Street
Lake Elsinore, CA 92530

Printed: 09/10/2025
Effective: 09/01/2025
Expires: 12/31/2027

Groundwater Sampling RFP - 2025-2027

Pricing Summary

Parameter	Method	Quantity	TAT (days)	Unit Price	Extended Price
Water					
Alkalinity	SM 2320B	8	10	$26.00	$208.00
Arsenic by ICPMS	EPA 200.8	8	10	$20.00	$160.00
Boron by ICP	EPA 200.7	8	10	$20.00	$160.00
Calcium by ICP	EPA 200.7	8	10	$20.00	$160.00
Chloride	EPA 300.0	8	10	$20.00	$160.00
Dissolved Oxygen - at site	SM 4500 O G	8	10	$21.00	$168.00
Fluoride	SM 4500F C	8	10	$20.00	$160.00
Hourly Field Sample Collection Charge	none	8	10	$400.00	$3,200.00
Iron by ICP	EPA 200.7	8	10	$20.00	$160.00
Magnesium by ICP	EPA 200.7	8	10	$20.00	$160.00
Manganese by ICPMS	EPA 200.8	8	10	$20.00	$160.00
Nitrate-Nitrogen	EPA 300.0	8	10	$20.00	$160.00
pH at site	SM 4500H+ B	8	10	$21.00	$168.00
Potassium by ICP	EPA 200.7	8	10	$20.00	$160.00
Sodium by ICP	EPA 200.7	8	10	$20.00	$160.00
Specific Conductance at site	SM 2510 B	8	10	$21.00	$168.00
Sulfate	EPA 300.0	8	10	$20.00	$160.00
Temperature at site	SM 2550B	8	10	$21.00	$168.00
Total Dissolved Solids	SM 2540C	8	10	$26.00	$208.00
				Bid Total:	**$6,208.00**

Cathleen S. Iijima
Client Relations Manager

Client Initial: _____ Page 1 of 5

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Babcock Laboratories, Inc.
Terms & Conditions

COMPANY INFORMATION
Babcock Laboratories, Inc. (or Babcock Labs) is located at 6100 Quail Valley Court, Riverside CA, 92507. Additional Company information can be found at www.babcocklabs.com.

AGREEMENT
This Agreement sets forth the terms and conditions pursuant to which Babcock Laboratories, Inc. (hereafter referred to as "the Company") will provide the Client with laboratory services. All work shall be subject to the terms and conditions of this Agreement.

TERM
This Agreement shall remain in effect until terminated. Either party may terminate this Agreement at any time, with or without cause upon thirty (30) days' prior written notice to the other. The Client may terminate, at any time, with or without cause and in whole or in part, an agreed upon request for services; provided, however, that if the Client terminates without cause, it shall compensate the Company for all work performed prior to actual receipt of notice and all of the Company's costs and expenses incurred as a result of the termination. If at the time of termination of the Agreement, the Client's request for services is left outstanding, the terms of this Agreement shall continue to apply to such services until the work is completed, or specifically terminated.

INDEPENDENT SERVICES
The Company shall be fully independent in performing the services and shall not act as an agent or employee of the Client. As such, the Company shall be solely responsible for its employees, subcontractors, and agents and for their compensation, benefits, contributions, and taxes, if any. All means and methods for accomplishment of the work requested shall be under the exclusive direction and control of the Company and the Client shall have only the right and responsibility to define the scope of the project requirements for the work requested. Nothing included herein may be construed to establish any partnership, joint venture, or principal-agent relationship between the Company and the Client.

AVAILABLE SERVICES
Additional available services include but are not limited to field and courier services, data deliverables, emergency response services, and special project accommodation (including rush analysis, special sample preparation, non-typical report format, or other non-typical client requests or needs). Additional fees for these services may apply.

CHARGES
A $250 minimum charge per submission applies. Prices are based on the estimated quantities. Should the Scope of Work change, contact the Company for price verification. Additional charges may be assessed for Travel Blank analysis and samples requiring multiple dilutions due to client-specific reporting requirements. Verification of current pricing at time of sample submission is the responsibility of the client. Pricing is subject to change with or without notice.

PAYMENT & FINANCE POLICY TERMS AND CONDITIONS
Prepayment is required for all first-time clients. Payment terms are net 30 days of invoice date, upon approved credit. A finance charge of 1.5%/mo. (18% annually) will be applied to all unpaid balances 30 days past the due date. The minimum finance charge is $10. Delinquent accounts will be on a prepayment/cash in advance (CIA) basis only. Past Due under this contract is not dependent upon receipt of payment by the Client's third party and/or user, and the Client is solely responsible for timely payment of all invoices not withstanding payment or non-payment by any said third party and/or user. Credit accounts with unpaid finance charges past 90 days will be closed and future credit may be denied, whereby future sales will only be made on a CIA basis. Payments for accounts without approved credit are due in advance of services being performed. By doing business with the Company the Client agrees to be bound by the Finance Policy. The complete Finance Policy is outlined in a separate client document.

REPORTING
A Standard QC package, when requested, may contain any combination of the following: Method Blank (MB), Lab Control Sample (LCS), Lab Control Sample Duplicate (LCSD), Matrix Spike (MS), Matrix Spike Duplicate (MSD), Sample Duplicate (DUP), and/or Surrogate (SURR). Electronic deliverables can be provided for a nominal fee.

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SAMPLE SUBMISSION

Before submitting the first sample, the Client must fill out a New Client Information form. Results only apply to the samples submitted. When submitting a sample the following paperwork must be submitted:

Chain of Custody: Sample identification, name and address, telephone and fax numbers, written instructions or list of analyses to be performed, email address, and date and signature must be included. The Client is responsible for only submitting work approved under their contract. Any additional analyses on the Chain of Custody outside of the quote or contract will be billed at list price. Once the Chain of Custody has been signed by the authorized persons and obtained by the Company, the contract work is in progress. The Client accepts responsibility for full payment should the Client choose to cancel any or all work in progress.

Price Quote: A copy of the official price quote (if obtained) must be submitted with the sample.

Sample Acceptance: Samples must be submitted on ice and in the proper containers to help maintain the integrity of the sample. All samples must be clearly labeled and identified. Instructions must be included at the time of sample submission and may not be submitted separately. Sample must meet acceptance criteria. The Company reserves the right to refuse samples at its discretion.

TAT: Standard sample turnaround time is 10 working days from the date of sample receipt, unless otherwise stated in the quotation or contract agreement. *Results:* Results will be provided via email and are also available for download on the Company's website. Hardcopy reports can be sent via USPS mail for a nominal fee. *Rush TAT:* Rush analyses and results are available at an additional charge and must be arranged in advance.

SUBCONTRACTED ANALYSIS

Should instrumentation problems, special methods, or circumstances outside of the Company's control occur, the project may be subcontracted to a State-certified subcontract lab. Additional charges may be incurred for subcontracted analyses and prices for such work are subject to change. The Client should contact the Project Manager prior to sample submittal to verify pricing and turnaround time.

SAMPLE DISPOSAL

If a sample is contaminated or requires extraordinary disposal measures, the Client is responsible for either taking custody of the sample after analysis or paying an additional fee to the Company so that it can properly dispose of the sample.

GENERAL POLICIES

The Company's liability for any service rendered or test performed on behalf of a client is limited to the amount the Company has been paid by the Client for that particular test or service. The Company will not be liable for any consequential damages allegedly sustained by the Client as a result of or in connection with a test or service performed by the Company. Under no circumstances shall the Company's liability arising from or in connection with the performance of a test or service exceed the amount it was paid for that test or service.

Repeat Analyses: The Company may repeat an analysis per the Client's request. If the repeat analysis results confirm the original results, the Client may be charged for the duplicate testing.
Documentation Storage: The Company may, at its sole discretion, destroy any and all documentation in conjunction with the services rendered pursuant to this contract after a period of seven (7) years from the date that services were last provided by the Company to the Client. It is the Client's responsibility to advise the Company of any pending litigation that may require retention of records.
Contract: Terms and Conditions under written contract between the Company and the Client supersede these Terms and Conditions, as applicable, except where these Terms and Conditions are more exhaustive.

LABORATORY REPRESENTATIONS

The Company represents as follows:

Compliance with Standards: The Company will perform the services requested on the submitted and accepted Chain of Custody in a diligent and workmanlike manner consistent with accepted professional practices, all applicable and existing federal, state, and local laws, regulations, and ordinances; and the Client's standards and specifications as known to the

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Company prior to execution of work requested in the submitted Chain of Custody.

Notice of Violations: The Company shall notify the Client if (a) the Company is served with notice of significant violation of any law, regulation, permit or license which relates to its services hereunder; (b) permits, licenses, or other governmental authorizations relating to such services are revoked; (c) litigation is commenced against the Company which could affect such services; or (d) the Company becomes aware that its equipment or facilities related to such services are not in compliance with applicable laws, regulations, permits, or licenses.

Professional Standards: As applicable for the services performed, the Client will apply its best judgment, use its best level of effort consistent with professional standards in performing the services, and endeavor to enable the Client to meet its objectives at the location(s) specified in each order as the same shall be disclosed to the Company by the Client.

INDEMNITY

Company: The Company agrees to indemnify and hold harmless the Client (including its officers, directors, employees, and agents) from and against any and all losses, damages, liabilities and expenses (including legal fees and reasonable costs of investigation) resulting from or arising out of (a) failure of the Company to comply in material respects with federal, state, and local laws and regulations applicable to services undertaken by the Company in this Agreement; or (b) any injury or death of any person (including employees and agents of the Client and the Company), damage or loss or destruction of any property (including property of the Client and Laboratory and their respective employees and agents) resulting from or arising out of negligence or willful misconduct on the part of the Company in performing services pursuant to this Agreement, provided, however, that such indemnification shall not apply to the extent any losses, damages, liabilities, or expenses result from, are attributable in whole or in part to, or arise out of (i) any negligence or willful misconduct of the Client; (ii) any delay attributable to the Client or the Client's conduct; or (iii) any breach by the Client of any warranties or other provisions hereunder except losses, damages, liabilities, or expenses resulting from negligence or willful misconduct by the Company. The Company's duty to defend the Client is limited to the reimbursement of reasonable attorney's fees to the extent of the Company's actual adjudicated negligence.

Client: The Client agrees to indemnify and hold harmless the Company (including its officers, directors, employees, and agents) from and against any and all losses, damages, liabilities, and expenses (including legal fees and reasonable costs of investigation) resulting from or arising out of (a) any negligence or willful misconduct of the Client, (b) any condition existing at the site prior to the arrival of the Company of which the Company had no actual knowledge and over which the Company had no control, including the presence of nonconforming hazardous substances, (c) any condition at the site resulting from the use or installation of the Company's field equipment, as required to perform contracted services; provided however, that such indemnification shall not apply to any losses, damages, liabilities, or expenses which result from or arise out of (i) any negligence or willful misconduct of the Company; (ii) any unjustifiable delay attributable to the Company's conduct; or (iii) any breach by the Company of any representations hereunder.

FORCE MAJEURE

Neither party shall be deemed in default of this Agreement or any order here under to the extent that any delay or failure in the performance of its obligations (other than the payment of money) results, without its fault or negligence, from any cause beyond its reasonable control, such as natural disasters, acts of civil or military authority, embargoes, epidemics, war, riots, insurrections, fires, explosions, earthquakes, floods, power disruptions, adverse weather conditions, strikes, or lock-outs, and changes in laws, statutes, regulations or ordinances, and ministerial actions or omissions by regulatory authorities or their representatives, unless such omission or action shall have been caused or contributed to by the responsible party hereunder. If any such force majeure condition occurs and continues for a period of more than fourteen (14) days, then the party experiencing such condition shall give immediate written notice to the other party which may then elect to: (1) terminate the affected service requested or any part thereof, (2) suspend the affected service or any part thereof for the duration of the force majeure condition and resume performance once the force majeure condition ceases. Unless written notice is given within thirty (30) days after being notified of the force majeure conditions, the other party shall be deemed to have elected option 2.

ATTORNEY FEES

In the event either party shall file suit for damages for breach of this Agreement, including nonpayment of invoices, or to enforce this Agreement or to enjoin the other party from violating this Agreement, the prevailing party shall be entitled to recover as part of its damages its reasonable legal costs and expenses for bringing and maintaining any such action.

GOVERNING LAW

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This Agreement shall be governed by and interpreted under the laws of the State of California. Any litigation arising out of or related in any way will be commenced in the Superior Court of California, County of Riverside.

CONSEQUENTIAL DAMAGES

Neither the Company nor the Client will be liable to the other for any indirect, incidental, special or consequential damages (including loss of anticipated profits, business interruption, good will or other economic or commercial loss) relating to the services rendered. Furthermore, the Client agrees that the Company's RESPONSIBILITY TO SUCH CLAIMS OR LOSSES ARE LIMITED TO THE VALUE OF EACH WORK ORDER.

CONFIDENTIAL INFORMATION

The Company will not disclose to others any confidential information furnished by the Client in connection with this Agreement. These restrictions do not apply to information that (i) the Company has in its possession prior to disclosure by the Client; (ii) becomes public knowledge through no fault of the Company, (iii) the Company lawfully acquires from a party not under any obligation of confidentiality to the Client; or (iv) is independently developed by the Company. The Company and its personnel will not publish, in any technical articles or otherwise, information obtained from this Agreement or during performance of work hereunder in a manner that would be identifiable with this Agreement without the prior written consent of the Client.

SEVERABILITY/DISPUTES

Every part, term, or provision of this Agreement is severable from others. Notwithstanding any possible future finding by duly constituted authority that a particular part, term, or provision is invalid, void, or unenforceable, this Agreement has been made with the clear intention that the validity and enforceability of the remaining parts, terms, and provisions shall not be affected thereby. The validity and effect of this Agreement, its interpretation, operation and all questions arising with respect to performance shall be determined by the Company.

In the event a dispute shall arise between the parties to this service agreement, the parties agree to participate in mediation in accordance with the mediation procedures of JAMS. The parties agree to share equally in the costs of the mediation.

By doing business with Babcock Laboratories, Inc. you agree to be bound by the terms and conditions of service specified in this Agreement ("Babcock Laboratories, Inc. Terms & Conditions").

Client Initial: _____

BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: November 20, 2025

To: Board of Directors

From: Deputy Treasurer

SUBJECT: MINUTES OF THE REGULAR BEDFORD COLDWATER GROUNDWATER SUSTAINABILITY AUTHORITY MEETING OF FEBRUARY 20, 2025

RECOMMENDATION:

Approve the Minutes of the Bedford Coldwater Groundwater Sustainability Authority Meeting of February 20, 2025.

DISCUSSION:

Draft minutes are presented for consideration of approval.

FISCAL IMPACT:

Not Applicable.

ENVIRONMENTAL WORK STATUS:

Not applicable.

EXHIBITS/ATTACHMENTS:

Draft Meeting Minutes

MINUTES OF THE
REGULAR MEETING OF THE
BEDFORD COLDWATER
GROUNDWATER SUSTAINABILITY AUTHORITY

February 20, 2025

Board Present
Jacque Casillas, City of Corona
Matthew Dobler, EVMWD
David Harich, TVWD

Staff Present
Jeff Pape, TVWD
Tom Moody, City of Corona
Alex Lemieux, Aleshire & Wynder, LLP
Katie Hockett, City of Corona
Parag Kalaria, EVMWD
Ganesh Krishnamurthy, EVMWD
Christy Gonzalez, EVMWD
Scott Thompson, EVMWD
Michael Cruikshank, Water Systems Consulting

CALL TO ORDER AND ROLL CALL

The meeting of the Bedford-Coldwater Groundwater Sustainability Authority was called to order by Chairperson Casillas at 4:00 p.m.

PUBLIC COMMENT– There were none.

I. BUSINESS CALENDAR

A. Appointment of Secretary (MO #59)

The Joint Powers Agreement ("JPA") creating the Bedford-Coldwater Groundwater Sustainability Authority ("Authority") requires that the Board provide for staffing of the Authority to ensure the Authority is able to accomplish all requirements imposed by the JPA, the Sustainable Groundwater Management Act of 2014 and any other legal requirements.

At the August 15, 2024 meeting, the Board appointed Chance Edmondson as Secretary by minute order. On January 9, 2025, Elsinore Valley Municipal Water District reassigned their BCGSA JPA representative from Chance Edmondson to Matthew Dobler. Although not required by the JPA, it is recommended that the Board appoint a Secretary for the Authority so that resolutions and other documents of the Authority can be attested to, and minutes of the Board's meetings can be prepared.

Due to potential employment and pension issues related to the use of a member agency public employee as a secretary to a Joint Powers Authority, it is recommended that the Board of Directors appoint a Board member as the official Secretary to the Board in lieu of any employees of any of the member agencies.

B. Appointment of Treasurer (Resolution No. 25-01)

The Joint Powers Agreement ("JPA") creating the Bedford-Coldwater Groundwater Sustainability Authority ("Authority") requires that the Board provide for a Treasurer for the Authority to be the fiscal agent and depository for the Authority. The Treasurer will also be responsible for maintaining all accounting transactions and records of the Authority in accordance with Generally Accepted Accounting Principles (GAAP) and other applicable laws of the State of California.

The Treasurer will be responsible for working with the auditor for the Authority towards the completion of the audit and reporting of the audit findings. Additionally, the Treasurer will periodically provide a status of the Authority's Fiscal Year budget.

In August 2024, the Board adopted Resolution No. 24-01, appointing Chance Edmondson as the Authority's Treasurer. Being that Chance Edmondson is no longer a representative of BCGSA JPA, it is recommended that the Board appoint a replacement to fulfill the role and duties of the Treasurer.

C. Appointment of ACWA JPIA Director Representative (MO #60)

Being a member of ACWA and joining the JPIA program, BCGSA is required to appoint a Director Representative and Alternate Representative who will have the authority to attend and participate in any meeting of the JPIA Board of Directors.

Each JPIA Director or Alternate shall serve until a successor is appointed. They shall serve at the pleasure of the Member by which they have been appointed.

In August of 2024, the BCGSA Board acted by minute order to appoint Chance Edmondson as its JPIA Director and in November of 2023 David Harich as the Alternate. Since Chance Edmondson is no longer serving as the EVMWD representative for BCGSA, staff recommends appointing a new JPIA Director to represent the Authority.

Director Casillas nominated Director Dobler for the appointments of Treasurer, Secretary and JPIA Director Representative (Items A-C), and Director Dobler indicated acceptance of the nomination.

ACTION: Director Harich made a motion, Director Casillas seconded, and the motion carried unanimously to:

1. Appoint Director Dobler as the Secretary for the Authority **(MO#59)**

2. Adopt a Resolution Appointing Chance Edmondson as Treasurer for the Authority **(Resolution 25-01)**
3. Appoint Chance Edmondson as the Authority's JPIA Director Representative **(MO#60)**

D. Adoption of Resolution Authorizing Signatories to the Bedford-Coldwater Groundwater Sustainability Authority Bank Account (Resolution No. 25-02)

In order to comply with Sections 11 and 12 of the Agreement forming the JPA, a bank account has been established for the Authority. It is customary to provide the bank with the Board's authorized signatories for the account. With changes in Board Members, staff recommends adoption of the proposed Resolution updating authorized signers and rescinding Resolution 24-02.

Confirming to Director Harich, this resolution authorizes all three directors signatories on the account.

ACTION: Director Casillas made a motion, Director Dobler seconded, and the motion carried unanimously to:

1. Adopt the Resolution Establishing Authorized Signatories to the Bedford-Coldwater Groundwater Sustainability Authority Bank Account; and

2. Rescind Resolution 24-02.

E. Consider Adoption of Proposed Fiscal Year 2025-2026 Budget (MO #57)

Mr. Kalaria presented this item and referred to the presentation within the packet. The total proposed operating and non-operating budget for FY 2025-26 is $459,198 and includes $103,165 in administration costs for the Authority, $389,000 in Groundwater Sustainability Plan (GSP) implementation costs, and a ($32,968) adjustment in required reserves.

Discussion ensued regarding the adjustment in the required reserves. Clarifying to the Board, moving the reserves back into the operating budget reduces the membership contribution.

The proposed budget for GSP Implementation costs was reviewed. As confirmed with Director Harich, we anticipate costs associated with further investigations into groundwater/surface water interaction, private wells, and aggregate pits. Once we receive feedback and approval for our GSP, we will have more clarity on the next steps and associated costs.

Per the terms of BCGSA's agreement with member agencies, the proposed budget is required to be covered by contributions from each member agency. With an estimated contribution carryover from the current fiscal year of $315,571, member contributions will be insufficient to cover the total proposed budget. Additional contributions totaling $105,866 or $35,289 per member agency are required to cover this deficit.

However, during the FY2024-25 budget cycle the board approved an annual member contribution of $122,750 for FY 2024-25 through FY 2028-29 in an effort to standardize the annual contribution and ensure consistency. With projected member contributions needed over the next five years totaling $486,592, staff recommends the Board approve the same annual member contribution of $122,750 for FY2025-26. This contribution from members is essential to adequately fund the budgeted expenses for FY 2025-26, however, will not be due until invoiced on July 1, 2025.

As per the reserve policy adopted by the Board on May 16, 2019, the Operating and Non-Operating Reserves have both been set at 25% of the proposed budgets. The reserve requirements for FY 2025-26 have been incorporated in the proposed budget.

By reallocating the surplus reserves back into our operating budget, we can stabilize the member contributions. As explained to Director Casillas, the increase in non-operating GSP Implementation costs for 2028-29 is due to the anticipated commencement of the aggregate pit recharge project. Discussion ensued regarding the alternate member contribution presented.

ACTION: Director Harich made a motion, Director Dobler seconded, and the motion carried unanimously to:

1. Approve the proposed BCGSA FY 2025-26 Budget; and,

2. Approve the annual member contribution per agency for FY 2025-26 in the amount of $122,750.

II. CONSENT CALENDAR

A. Approval of Minutes of the Regular Meeting of August 15, 2025

B. Financial Statements for Period Ending September 30, 2024 and December 31, 2024

C. Ratification of Demands

D. Outside Contract Summary Report

ACTION: Director Dobler made a motion, Director Harich seconded, and the motion carried unanimously to approve the Consent Calendar as presented.

III. ADMINISTRATOR'S UPDATE

Mr. Cruikshank provided highlights on the information provided in the meeting packet in the form of the PowerPoint presentation. The State is still reviewing the GSP. Being a low-priority basin, there are competing priorities with the State. Answering a question from Director Harich, review of all the high and medium priority basins has been completed.

Project overview and updates of the investigation of groundwater/surface water interaction at Temescal Wash and the domestic private well survey was reviewed. In December 2024, Chandler Aggregates, Inc. informed BCGSA staff that the pit had been sold to Martin Marietta, Inc. Since this time, the aggregate pit-recharge feasibility study has been paused. An introductory meeting with Martin Marietta, Inc. has been set up in March 2025 to provide an overview of the Bedford-Coldwater GSP, and have discussions on their mining operations. The General Managers will be at the meeting.

Project and management actions were reviewed. The focus currently is completing the annual report. Water levels have increased significantly in the Coldwater basin. More information will be provided at the next meeting.

IV. Legal Counsel Report

Mr. Lemieux provided an update on AB 367, which addresses fire safety by requiring water districts to maintain backup power capable of running pumps for 24 hours during power shutoffs. The bill also mandates that water districts fill tanks when alerted to hazardous weather conditions and includes reporting requirements when fires cause significant damage.

V. Comments of the Board

Chairperson Casillas confirmed the next meeting date of May 15, 2025, and welcomed Director Dobler to the Board.

VI. Adjourn

There being no further business, the February 20, 2025, Regular Meeting of the Bedford-Coldwater Groundwater Sustainability Authority was adjourned at 5:08 p.m.

ATTEST: **APPROVED:**

_____ _____

Matthew Dobler, Secretary Jacque Casillas, Chairperson

Date: _____ Date: _____

BEDFORD COLDWATER
Groundwater Sustainability Authority

Print Date: 11/03/2025

Payment Ratification Report

Cash Disbursements for 02/01/2025 through 10/31/2025

Check or Reference #	Payment Date	Paid to Vendor	Payment Description	Pmt Type	Payment Amount
405	02/13/2025	ELSINORE VALLEY MWD	ADMINISTRATION FEES JAN 2025	CHECK	3,000.00
406	02/13/2025	TODD GROUNDWATER	BEDFORD COLDWATER BASIN GSP DEVELOPMENT DEC 2024	CHECK	1,513.75
407	02/20/2025	WATER SYSTEMS CONSULTING, INC.	GROUNDWATER SUSTAINABILITY PLAN ADMIN SERVICES JAN 2025	CHECK	16,008.75
408	03/13/2025	ELSINORE VALLEY MWD	ADMINISTRATION FEES FEB 2025	CHECK	3,000.00
409	03/13/2025	TODD GROUNDWATER	BEDFORD COLDWATER BASIN GSP DEVELOPMENT JAN 2025	CHECK	6,121.25
410	03/20/2025	ALESHIRE & WYNDER, LLP	LEGAL SERVICES FEB 2025	CHECK	450.00
411	04/10/2025	ELSINORE VALLEY MWD	ADMINISTRATION FEES MAR 2025	CHECK	3,000.00
412	04/10/2025	TODD GROUNDWATER	BEDFORD COLDWATER BASIN GSP DEVELOPMENT FEB 2025	CHECK	14,632.50
413	04/17/2025	BABCOCK LABORATORIES INC	LAB TESTING OCT 2024	CHECK	4,148.00
414	04/17/2025	WATER SYSTEMS CONSULTING, INC.	GROUNDWATER SUSTAINABILITY PLAN ADMIN SERVICES FEB - MAR 2025	CHECK	24,898.35
415	05/01/2025	TODD GROUNDWATER	BEDFORD COLDWATER BASIN GSP DEVELOPMENT MAR 2025	CHECK	15,968.75
416	05/15/2025	ELSINORE VALLEY MWD	ADMINISTRATION FEES APRIL 2025	CHECK	3,000.00
417	05/22/2025	WATER SYSTEMS CONSULTING, INC.	GROUNDWATER SUSTAINABILITY PLAN ADMIN SERVICES APR 2025	CHECK	6,086.60
418	06/12/2025	ELSINORE VALLEY MWD	ADMINISTRATION FEES MAY 2025	CHECK	3,000.00
419	06/26/2025	WATER SYSTEMS CONSULTING, INC.	GROUNDWATER SUSTAINABILITY PLAN ADMIN SERVICES MAY 2025	CHECK	3,610.00
420	07/03/2025	TODD GROUNDWATER	BEDFORD COLDWATER BASIN GSP DEVELOPMENT APR - MAY 2025	CHECK	4,942.50
421	07/17/2025	ELSINORE VALLEY MWD	ADMINISTRATION FEES JUNE 2025	CHECK	3,000.00
422	07/24/2025	WATER SYSTEMS CONSULTING, INC.	GROUNDWATER SUSTAINABILITY PLAN ADMIN SERVICES JUN 2025	CHECK	5,150.00
423	08/14/2025	ELSINORE VALLEY MWD	ADMINISTRATION FEES JUL 2025	CHECK	3,000.00
424	09/04/2025	TODD GROUNDWATER	BEDFORD COLDWATER BASIN GSP DEVELOPMENT JUL 2025	CHECK	2,083.75
425	09/04/2025	WATER SYSTEMS CONSULTING, INC.	GROUNDWATER SUSTAINABILITY PLAN ADMIN SERVICES JUL 2025	CHECK	3,610.00
426	09/11/2025	ELSINORE VALLEY MWD	ADMINISTRATION FEES AUG 2025	CHECK	3,000.00
427	09/25/2025	TODD GROUNDWATER	BEDFORD COLDWATER BASIN GSP DEVELOPMENT AUG 2025	CHECK	271.25
428	09/25/2025	WATER SYSTEMS CONSULTING, INC.	GROUNDWATER SUSTAINABILITY PLAN ADMIN SERVICES AUG 2025	CHECK	6,600.00
429	09/25/2025	ALESHIRE & WYNDER, LLP	LEGAL SERVICES AUG 2025	CHECK	50.00
430	10/09/2025	ELSINORE VALLEY MWD	ADMINISTRATION FEES SEPT 2025	CHECK	3,000.00
431	10/09/2025	ACWA	ANNUAL AGENCY DUES 2026	CHECK	4,435.00
432	10/23/2025	ACWA JOINT POWERS INS AUTH	AUTO & GENERAL LIABILITY ANNUAL PROGRAM 10/01/25 - 10/01/26	CHECK	1,507.50
433	10/23/2025	ROGERS, ANDERSON, MALODY & SCOTT	FINANCIAL AND SINGLE AUDIT SERVICES SEPT 2025	CHECK	1,605.00
WIRE TRANSFERS					
1733455	04/21/2025	BCGSA CHECKING	LAIF TRANSFER TO BOFA	WIRE	100,000.00

Reviewed By: tlo

Date: 11/3/2025

Outside Contracts Summary Report

As of November 10, 2025

BEDFORD COLDWATER
Groundwater Sustainability Authority

Consultant Name	Start Date	End Date	Project Description	Total Contract Amount	Paid To Date	Contract Balance	Balance Remaining
Babcock Laboratories	11/02/22	06/28/25	Groundwater Sampling & Analysis	12,700.00	12,345.22	354.78	3%
Todd Groundwater	06/01/19	06/30/26	GSP Preparation & 5 Annual Updates	827,175.00	763,468.76	63,706.24	8%
Todd Groundwater	09/15/22	06/30/26	Well Drilling Application Evaluation	30,000.00	1,947.50	28,052.50	94%
Water Systems Consulting	05/19/22	04/15/25	GSP Administrator	549,400.00	434,248.02	115,151.98	21%
Todd Groundwater	08/01/24	06/30/25	Bedford-Coldwater Aggregate Pit Model	124,980.00	4,147.50	121,306.25	97%

BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: November 20, 2025

To: Board of Directors

From: Michael Cruikshank, PG, CHG, GSP Administrator

SUBJECT: BCGSA ADMINISTRATOR'S REPORT

RECOMMENDATION:

1. Receive a presentation from the BCGSA Administrator

BACKGROUND:

The Sustainable Groundwater Management Act (SGMA), effective January 1, 2015, was enacted in California to regulate and sustainably manage groundwater basins throughout the state. SGMA provides a framework to guide local public agencies and newly created Groundwater Sustainability Agencies (GSAs) in the management of their underlying groundwater basins, especially those considered critically affected as defined by the Department of Water Resources (DWR). The Bedford-Coldwater Groundwater Sustainability Authority (BCGSA) prepared a Groundwater Sustainability Plan (GSP) to maintain long-term groundwater sustainability in the Bedford-Coldwater Groundwater Subbasin.

The Bedford-Coldwater GSP was prepared from June 2018 through December 2021 with active outreach and public participation throughout the process. The GSP was adopted by BCGSA on December 18, 2021 and was submitted to the California Department of Water Resources (DWR) in January 2022. The 2022 GSP provides the basic information, analytical tools, and projects and management actions for continued groundwater management, guided by SGMA and by locally defined sustainability goals, objectives, and metrics.

DISCUSSION:

The Administrator's Update presentation provides an overview of the implementation activities of the Bedford Coldwater GSP with an emphasis on the ongoing projects and management actions.

GSP Determination

On April 7, 2025, the BCGSA received a letter from DWR approving the submitted GSP. Along with its approval, DWR issued a GSP Assessment Staff Report that included comments and recommended corrective actions related to the Subbasin's 2022 GSP. The initial GSP was developed during the early stages of SGMA implementation, when GSAs across California were interpreting SGMA requirements and striving to develop plans that complied with the law, met DWR's expectations, and aligned with local sustainability goals. This was a challenging period, as many agencies newly formed under SGMA had limited experience managing complex groundwater issues such as water quality, land subsidence, and interconnected surface water.

DWR's recommended corrective actions are intended to enhance the GSP and support future DWR evaluations. The actions include: (1) providing additional rationale and clarifying language in the sustainable management criteria (SMC) for chronic lowering of groundwater levels, (2) adding clarifying language to the water quality degradation SMC, and (3) incorporating forthcoming DWR guidance related to the depletion of interconnected surface water SMC. Additional details from DWR's review and recommendations are provided in the GSP Assessment Staff Report. The corrective actions will be addressed as part of the Periodic Update due to DWR in January 2027.

The BCGSA made significant progress in two of the three projects described in the GSP with the Groundwater Surface Water Interactions at Temescal Wash Workplan and the Private Well Survey in FY 2023/2024. In FY 2025/2026 the BCGSA is prioritizing the Evaluation and Effects of the Aggregate Pits on Groundwater Flow and Quality project.

Updates on the following key projects are provided below: (1) Evaluation of Aggregate Pits' Effects on Groundwater Flow and Quality (2) Groundwater/Surface Water Interaction at Temescal Wash, (3) Private Well Survey. Additionally, BCGSA agencies have been actively collecting data related to the GSP's management actions and are in the process of preparing the Bedford-Coldwater Water Year 2025 Annual Report.

Projects

Evaluation of the Effects of Aggregate Pits on Groundwater Flow and Quality

During the development of the GSP the BCGSA identified the need to better understand the relationship between the aggregate pit mining operations and groundwater. Significant aggregate (sand and gravel) resources mining occurs south of Corona within and along Temescal Wash and north of Lake Elsinore which has been active since the late 1940s. Gaining this understanding will enable the BCGSA to refine the basin's conceptual and

numerical models, supporting more effective and sustainable management of the Subbasin. The BCGSA has met with aggregate pit owners and operators and has scheduled field visits to learn more about ongoing mining activities and long-term plans. The parties have also agreed to share data to improve understanding of the effects of aggregate pit operations on both groundwater quality and quantity.

Groundwater Surface Water Interactions at Temescal Wash

The purpose of this study is to reduce uncertainty regarding the riparian habitat and ultimately to improve the GSP's management threshold and protect groundwater-dependent ecosystems. This project will be initiated in two phases: an initial feasibility study and permitting review and a second phase of installation of monitoring facilities and on-going vegetation and shallow groundwater monitoring. DWR has released three of four guidance documents to support compliance with GSP regulations, with the final document expected in the fourth quarter of 2025. The implementation of Phase 2 will be guided by the forthcoming DWR guidance.

Private Well Survey

The purpose of the private well survey was to reduce the uncertainty regarding the existence of active private domestic wells in the Basin. Specific areas, namely Weirick Road and Leroy Road, have been identified for further investigation in relation to the effectiveness of the sustainable management criteria outlined in the GSP. BCGSA Staff is currently strategizing the next steps for engaging the property owners to gauge their interest in participating in a groundwater data collection effort.

Management Actions

Management actions defined in the GSP are focused on data collection, storage, and reporting necessary to monitor sustainability and assess when additional tasks may be required (e.g., when minimum thresholds are approached or exceeded). The five Management Actions identified in the GSP were:

- Provide for Collection, Compilation, and Storage of Information Required for Annual Reports and Submit Annual Reports
- Routinely Record Groundwater Levels and Take Action if Necessary
- Monitor Selected Groundwater Quality Constituents and Coordinate with the Regional Water Quality Control Board as Appropriate
- Track Trends in Groundwater Levels near Temescal Wash and Take Action
- Review Interferometric Synthetic Aperture Radar (InSAR) Data on the California Department of Water Resources (DWR) Data Viewer During 5-Year Updates

The BCGSA has initiated the data collection effort identified in the management actions and will be used in the development of Bedford Coldwater Water Year 2025 Annual Report.

FISCAL IMPACT:

Not applicable.

ENVIRONMENTAL WORK STATUS:

Not applicable.

EXHIBITS/ATTACHMENTS:

Administrator's Update Presentation

November 20, 2025

BCGSA Administrator's Update

BEDFORD COLDWATER
Groundwater Sustainability Authority

Michael Cruikshank, PG, CHG

Administrator's Update

BEDFORD COLDWATER
Groundwater Sustainability Authority

- BCGSA GSP Status
  "Approved!"
- GSP Implementation
  - Projects and Management Actions
  - 2025 Annual Report – 5th Annual Report
  - GSP Periodic Review

GSP Approved!

- GSP Approved by DWR in a letter dated April 7, 2025
  - Periodic Review Due January 12, 2027
- Three (3) Recommended Corrective Actions:
  1) Provide additional rationale and clarifying language in the sustainable management criteria (SMC) for chronic lowering of groundwater levels
  2) Add clarifying language to the water quality degradation SMC
  3) Incorporate forthcoming DWR guidance related to the depletion of interconnected surface water SMC

Investigate Groundwater/Surface Water Interaction at Temescal Wash

BEDFORD COLDWATER
Groundwater Sustainability Authority

- Finalized Monitoring Workplan
  - Vegetation, Hydrology and Constraints Analysis
  - Monitoring Well Design and Specifications
- DWR released Guidance on Interconnected Surface Water
  - Depletions of ISW: An Introduction
  - Techniques for Estimating ISW Depletion Caused by Groundwater Use
  - Examples for Estimating ISW Depletion Caused by Groundwater Use
  - **Guidance for Managing ISW Depletion** (Expected Fall 2025)
- Inform the BCGSAs approach to installation of monitoring wells/stream gages and ongoing monitoring

Aggregate Pit Operations in Coldwater

BEDFORD COLDWATER
Groundwater Sustainability Authority

- Attended Meetings with Martin Marietta, RJ Noble and Werner Corporation
  - Overview of the Bedford-Coldwater GSP and GSP Implementation
  - Discussion of Long-Term Site Plans
  - Groundwater Data Request
  - Scheduled Site Visits

Projects and Management Actions

BEDFORD COLDWATER
Groundwater Sustainability Authority

- **Action 1** – Provide for Collection, Compilation, and Storage of Information Required for Annual Reports and Submit Annual Reports
- **Action 2** – Routinely Record Groundwater Levels and Take Action if Necessary
- **Action 3** – Monitor Selected Groundwater Quality Constituents and Coordinate with the Regional Water Quality Control Board as Appropriate
- **Action 4** – Track Trends in Groundwater Levels near Temescal Wash and Take Action as Necessary
- **Action 5** – Review Interferometric Synthetic Aperture Radar (InSAR) Data on the California Department of Water Resources (DWR) Data Viewer During 5-Year Updates

WY 2025 Annual Report

- Documents water conditions including:
  - groundwater elevations and storage
  - water supplies and use
  - an updated water balance, and
  - groundwater sustainability progress for water year 2025.
- Due to DWR on April 1st, 2025