

GENERAL SERVICES AGREEMENT

CIVIL ENGINEERING SERVICES

THIS GENERAL SERVICES AGREEMENT, made and entered into this _____ day of _____, 2025, by and between the COUNTY OF LAKE, hereinafter referred to as COUNTY, and EBA Engineering, hereinafter referred to as CONSULTANT;

WITNESSETH

WHEREAS, COUNTY has determined that it is desirable to retain CONSULTANT to provide civil engineering services; and,

WHEREAS, the parties are unable to define at this time the precise scope of all services which will be required of CONSULTANT; and

WHEREAS, this GENERAL SERVICES AGREEMENT shall include the general provisions for contractual agreements between COUNTY and CONSULTANT, and Supplemental Services Agreements between COUNTY and CONSULTANT shall be executed in writing for each phase of work which will be accomplished prior to the commencement of services under said Supplemental Services Agreements. The general conditions of this General Services Agreement shall apply to each Supplemental Services Agreement hereinafter executed.

NOW, THEREFORE, in consideration of the covenants and agreements herein set forth, it is hereby agreed:

1. COUNTY hereby retains CONSULTANT as an independent contractor, and CONSULTANT hereby agrees to serve COUNTY in providing services in connection with civil engineering services to include planning, environmental review, permitting, design, construction administration, and other related services necessary to meet the needs of the COUNTY. Only those projects being designated in Supplemental Services Agreements shall be subject to the terms of this General

Services Agreement.

2. CONSULTANT shall undertake the work covered by this GENERAL SERVICES AGREEMENT and supplements thereto at such time as he is authorized in writing to do so by COUNTY and shall diligently complete each project pursuant to the predetermined progress schedule established by the parties for each project. No work shall be undertaken by CONSULTANT under this GENERAL SERVICES AGREEMENT or any future Supplemental Services Agreements until CONSULTANT is specifically authorized in writing by COUNTY's authorized representative, who is the Director of the Department of Public Services acting in accordance with all County purchasing policies.

3. CONSULTANT's services that are anticipated to be required to complete the type of projects listed in Section 1 above shall include but not necessarily be limited to:

- a. Project planning
- b. Site analysis
- c. Environmental studies
- d. CEQA/NEPA
- e. Regulatory permit assistance
- f. Engineering studies
- g. Topographic and boundary surveys
- h. Concept designs
- i. Schematic designs
- j. Design development
- k. Cost estimates
- l. Construction drawings
- m. Technical specifications

- n. Bid assistance
- o. Construction management
- p. Engineering during construction

4. CONSULTANT shall perform all work in conformance with Federal, State and County requirements. All studies shall be coordinated with appropriate local, State and Federal agencies. CONSULTANT shall prepare for and make all required presentations at specified public hearings as required.

5. All original work shall remain the property of the CONSULTANT; however, reproducible copies shall be provided by CONSULTANT to COUNTY at no cost to COUNTY. CONSULTANT shall not be liable for claims, liabilities, or losses arising out of or in connection with: the modifications or misuse by COUNTY or third parties of such electronic data; decline of accuracy or readability of electronic data due to inappropriate storage conditions or duration; or any use by COUNTY or third parties of such electronic data, for additions to this project, for the completion of this project by others, for generation of drawings, or for any other project by CONSULTANT.

6. All of the reports, information, data, etc., prepared or assembled by the CONSULTANT under this GENERAL SERVICES AGREEMENT and any future Supplemental Services Agreements are confidential, unless otherwise disclosable under law, and the CONSULTANT agrees that they shall not be made available to any individual or organization without the prior written approval of the COUNTY. CONSULTANT will maintain security and confidentiality of all reports, information, data, drawings, etc., to the extent confidential under law.

7. CONSULTANT shall furnish deliverable products for all work covered by this GENERAL SERVICES AGREEMENT and future supplements thereto in an electronic form that is acceptable to COUNTY.

8. CONSULTANT shall provide consultation and advice to COUNTY during landfill construction projects for services related to the GENERAL SERVICES AGREEMENT, and shall check all working drawings prepared and used by contractors on such projects.

9. CONSULTANT shall coordinate all of his activities on behalf of COUNTY hereunder with COUNTY's duly authorized representative and shall be available when required for consultation and review during the construction of each project.

10. CONSULTANT shall prepare a scope of services and cost estimate for all supplemental agreements as required for each project.

11. All work and services provided by CONSULTANT under this GENERAL SERVICES AGREEMENT and supplements thereto shall be done to the complete satisfaction of COUNTY and of representatives of Federal or State agencies involved.

12. CONSULTANT shall be compensated for services rendered hereunder as provided in each applicable Supplemental Services Agreement hereinafter executed.

13. If CONSULTANT should fail to perform any of its obligations hereunder, within the time and in the manner herein provided, or otherwise violate any of the terms of this GENERAL SERVICES AGREEMENT or any supplements thereto, COUNTY may terminate this GENERAL SERVICES AGREEMENT and any or all Supplemental Services Agreements by giving CONSULTANT written notice of such termination, stating the reason for such termination. In such event, CONSULTANT shall be entitled to receive as full payment for all services satisfactorily rendered and expenses incurred hereunder, an amount which bears the same ratio to the total fees specified in the Supplemental Services Agreements as the services satisfactorily rendered hereunder by CONSULTANT bear to the total services otherwise required to be performed for such total fee; provided, however, that there shall be deducted from such amount the amount of damage, if any, sustained by COUNTY by virtue of the breach of the Agreements by

CONSULTANT.

COUNTY shall be the owner of and shall be entitled to immediate possession of any copies of design computations, plans, copies of correspondence or other pertinent data and information gathered or computed by CONSULTANT prior to termination of any Agreements by COUNTY or upon completion of the work pursuant to this GENERAL SERVICES AGREEMENT.

14. As full payment for all work and services to be provided by CONSULTANT hereunder, COUNTY shall make payments to CONSULTANT at the times and in accordance with the rates and procedures set forth in each supplemental agreement. Payments shall be made to CONSULTANT on a monthly basis based on work which COUNTY has approved as having been actually accomplished during that period. Each payment by COUNTY to CONSULTANT shall be made in the regular course of COUNTY's business after presentation by CONSULTANT to COUNTY of claim in the form approved by COUNTY. Billing to COUNTY shall identify specific services rather than a particular function.

15. This GENERAL SERVICES AGREEMENT shall remain in full force for a period of three (3) years from the date of approval or until terminated by either party. COUNTY shall have the right to terminate this GENERAL SERVICES AGREEMENT without reason by giving CONSULTANT thirty (30) days written notice. CONSULTANT shall have the right to terminate this GENERAL SERVICES AGREEMENT after an assigned project has been completed to the satisfaction of the COUNTY or after thirty (30) days written notice to COUNTY.

16. COUNTY shall have the right to assign specific projects at the Eastlake Sanitary Landfill to other consultants without affecting the terms of this GENERAL SERVICES AGREEMENT.

17. It is mutually understood and agreed that CONSULTANT (including any and all of its officers, agents, and employees), shall perform all of its services under this Agreement as an independent contractor as to COUNTY and not as an officer, agent, servant, employee, joint venturer, partner, or

associate of COUNTY. Furthermore, COUNTY shall have no right to control, supervise, or direct the manner or method by which CONSULTANT shall perform its work and function. However, COUNTY shall retain the right to administer this Agreement so as to verify that CONSULTANT is performing its obligations in accordance with the terms and conditions hereof. CONSULTANT understands and acknowledges that it shall not be entitled to any of the benefits of a COUNTY employee, including but not limited to vacation, sick leave, administrative leave, health insurance, disability insurance, retirement, unemployment insurance, workers' compensation and protection of tenure. CONSULTANT shall be solely liable and responsible for providing to, or on behalf of, its employees all legally-required employee benefits. In addition, CONSULTANT shall be solely responsible and save COUNTY harmless from all matters relating to payment of CONSULTANT's employees, including compliance with Social Security withholding and all other regulations governing such matters. It is acknowledged that during the term of this GENERAL SERVICES AGREEMENT or any future Supplemental Services Agreements, CONSULTANT may be providing services to others unrelated to the COUNTY or to said Agreements.

18. Each Party shall indemnify and hold the other harmless against all actions, claims, demands, and liabilities and against all losses, pure economic damage, cost, expenses, and attorney's fees, that arise out of, pertain to, or relate to its own negligent acts and/or omissions, recklessness, or willful misconduct which caused said claim, demand, liability, loss, damage, cost expense, and/or attorney's fees. CONSULTANT's liability hereunder shall be limited by the COUNTY to the amount of the available coverage under CONSULTANT's insurance coverage as described in Section 19 herein.

19. CONSULTANT shall not commence work under this GENERAL SERVICES AGREEMENT or any future Supplemental Services Agreements until he has obtained all the insurance required herein, certificates of insurance have been submitted to COUNTY, and said insurance has been approved by COUNTY. The certificates of insurance shall contain a provision that coverage afforded

under the policies will not be cancelled until at least thirty (30) days prior written notice has been given to COUNTY, ten (10) days notice if cancellation is due to nonpayment of premium. CONSULTANT shall not allow any subcontractor to commence work on his subcontract until the insurance required of the subcontractor has been obtained. Any failure of CONSULTANT to maintain the insurance required by this provision, or to comply with any of the requirements of this provision, shall constitute a material breach of this GENERAL SERVICES AGREEMENT or any future Supplemental Services Agreements. Certificates evidencing the issuance of the following insurance shall be filed with COUNTY within CONSULTANT (10) days after the date of execution of this GENERAL SERVICES AGREEMENT by CONSULTANT and prior to commencement of work hereunder.

Compensation Insurance. CONSULTANT shall procure and maintain, at CONSULTANT's own expense during the term hereof, Workers' Compensation Insurance and Employer's Liability Insurance as required by the State of California, for all employees to be engaged in work. In any case of such work sublet, CONSULTANT shall require subcontractor similarly to provide Employer's Liability Insurance and Workers' Compensation Insurance for all of the latter's employees to be engaged in such work, unless such employees are covered by the protection afforded by CONSULTANT's Workers' Compensation Insurance and Employer's Liability Insurance. Employer's Liability Insurance shall be in an amount not less than One Million Dollars (\$1,000,000.00) per occurrence.

Commercial General Liability. CONSULTANT shall procure and maintain, at CONSULTANT's own expense during the term hereof, upon himself and his employees at all times during the course of this GENERAL SERVICES AGREEMENT or any future Supplemental Services Agreements, Commercial General Liability Insurance (Occurrence Form CG 0001) for bodily injury, personal injury, and broad form property damage, in an amount of not less than One Million dollars (\$1,000,000.00) combined single limit coverage per occurrence, including but not limited to

endorsements for the following coverages: Personal and advertising injury, Premises-operations, Products and completed operations, Blanket contractual, and Independent CONSULTANT's liability. If such policy includes an aggregate limit, such aggregate limit shall be at least double the per occurrence limit required herein.

Automobile Liability Insurance. CONSULTANT shall procure and maintain, at CONSULTANT's own expense during the term hereof, Comprehensive Automobile Liability Insurance, both bodily injury and property damage, on owned, hired, leased, and non-owned vehicles used in connection with CONSULTANT's business in an amount not less than One Million Dollars (\$1,000,000.00) combined single limit coverage per occurrence.

Professional Liability Insurance. CONSULTANT shall procure and maintain, at CONSULTANT's own expense during the term hereof, Professional Liability Insurance for protection against claims arising out of the performance of services under this GENERAL SERVICES AGREEMENT or any future Supplemental Services Agreements caused by errors, omissions, or other acts for which CONSULTANT, its employees, subcontractors, and agents, are liable. Said insurance shall be written with limits of not less than One Million Dollars (\$1,000,000.00). If said insurance is written on a "claims made" form, insurance shall be maintained and evidence of insurance must be provided for at least one (1) year after completion of the work under this GENERAL SERVICES AGREEMENT or any future Supplemental Services Agreements.

Subcontractors. CONSULTANT shall include all subcontractors as insured under the aforesaid policies or shall furnish separate certificates and endorsements to the COUNTY for each subcontractor which shall be subject to review and approval by COUNTY. All insurance coverages for subcontractors shall be subject to each of the requirements hereinabove and contain the additional insured endorsements required of CONSULTANT described with particularity hereinbelow.

Additional Insured Endorsement. The Commercial General Liability and Automobile Liability Insurance must each contain, or be endorsed to contain, the following provision:

The COUNTY, its officers, officials, employees, and designated agents are to be covered as additional insureds and shall be added in the form of an endorsement to CONSULTANT's insurance on Form CG 2010 11/85, or equivalent. CONSULTANT shall not commence work under this GENERAL SERVICES AGREEMENT or any future Supplemental Services Agreements until the Additional Insured Endorsements required herein are delivered to COUNTY. This provision is not intended to extend to construction contractors contracted by the COUNTY to perform the work of improvement.

Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under subdivision (b) of California Civil Code Section 2782.

Other Insurance Provisions. For any claims related to the work performed under this GENERAL SERVICES AGREEMENT or any future Supplemental Services Agreements by CONSULTANT, the CONSULTANT's insurance coverage shall be primary insurance as to the COUNTY, its officers, officials, employees, designated agents and appointed volunteers. Any insurance or self-insurance maintained by COUNTY, its officers, officials, employees, designated agents or appointed volunteers shall be in excess of the CONSULTANT's insurance and shall not contribute with it.

Any deductibles or self-insured retentions must be declared to and approved by COUNTY. At the option of COUNTY, either CONSULTANT shall reduce or eliminate such deductibles or self-insurance retentions as they apply to COUNTY or CONSULTANT shall provide a financial guarantee satisfactory to COUNTY guaranteeing payment of losses and related investigations, claim administration, and defense and defense-related expenses.

Insurance coverage required of CONSULTANT under this GENERAL SERVICES AGREEMENT shall be placed with insurers with a current A.M. Best rating of no less than A:VII.

Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve the CONSULTANT for liability in excess of such coverage, nor shall it preclude COUNTY from taking other action as is available to it under any other provision of this GENERAL SERVICES AGREEMENT or applicable law. Failure of COUNTY to enforce in a timely manner any of the provisions of this section shall not act as a waiver to enforcement of any of these provisions at a later date.

If any insurance coverage required by this GENERAL SERVICES AGREEMENT or any future Supplemental Services Agreements is provided on a "Claims Made", rather than "occurrence" form, CONSULTANT agrees to maintain required coverage for a period of three years after the expiration of this GENERAL SERVICES AGREEMENT (hereinafter, "Post Agreement Coverage") and any extensions thereof. CONSULTANT may maintain the required Post Agreement Coverage by renewal or purchase of prior acts or tail coverage. This subprovision is contingent upon Post Agreement Coverage being both available and reasonably affordable in relation to the coverage provided during the term of this GENERAL SERVICES AGREEMENT. For purposes of interpreting this requirement, a cost not exceeding 100% of the last annual policy premium during the term of this GENERAL SERVICES AGREEMENT in order to purchase prior acts or tail coverage for Post Agreement Coverage shall be deemed to be reasonable.

20. This GENERAL SERVICES AGREEMENT and all of the covenants hereof shall inure to the benefit of and be binding upon COUNTY and CONSULTANT, respectively, and their successors, assigns, and legal representatives. Neither COUNTY nor CONSULTANT shall have the right to assign, transfer or sublet its interest or obligation hereunder without written consent of the other party.

21. All notices, demands or other communications given hereunder shall be in writing and shall be deemed to have been duly delivered upon personal delivery or as of the fifth calendar day after mailing by United States mail, certified, return receipt requested, postage prepaid, addressed as follows:

COUNTY -

Lars Ewing
Public Services Director
Department of Public Services
333 Second Street
Lakeport, CA 95453

CONSULTANT -

EBA Engineering
Damon Morelli, PE
Vice President
825 Sonoma Avenue
Santa Rosa, CA 95404

IN WITNESS WHEREOF, the parties hereto have executed this GENERAL SERVICES AGREEMENT the day and year first written above.

COUNTY OF LAKE

CONSULTANT

By _____
Chair, Board of Supervisors

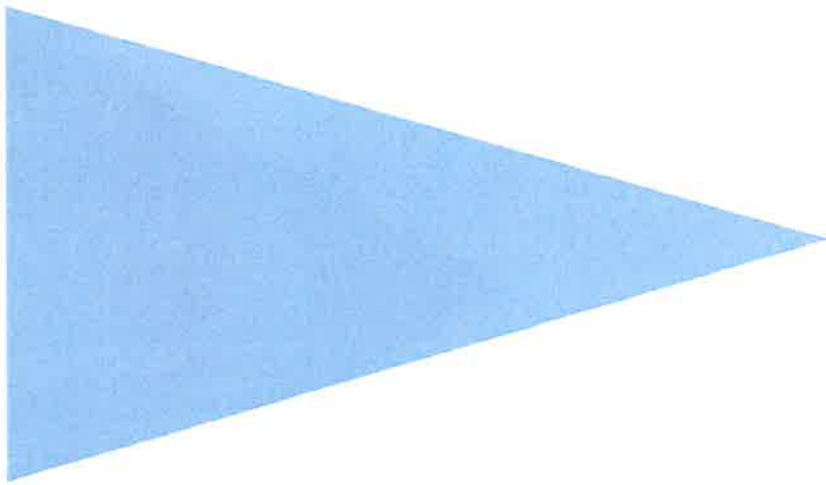
EBA Engineering

ATTEST: SUSAN PARKER
CLERK TO THE BOARD

By _____

APPROVED AS TO FORM:
LLOYD GUINTIVANO
COUNTY COUNSEL

By 
Carlos Torrez
Dep. County Counsel



We trust this Statement of Qualifications provides ample evidence of our firm's qualifications regarding our skill and experience in reference to this contract.

We appreciate the opportunity to present our qualifications and look forward to building a working relationship with Lake County.

Thank you!

6 | AGREEMENT

AGREEMENT STATEMENT

EBA Engineering has reviewed the County's General Services Agreement provided with the RFP and hereby acknowledges our willingness to accept the contract terms if selected.



5 | BILLING RATES

SUBMITTED UNDER SEPARATE COVER

Please see separate email titled:

“On-Call Civil Engineering Services BILLING RATES.”



4 | EXPERIENCE

Mark West Springs Road Sidewalk Improvements

Sonoma County CA



Project Description

EBA completed this stormwater compliance project for the County of Sonoma. The work was conducted by a Qualified Stormwater Practitioner (QSP) and included weekly project inspections for compliance with the General Construction Stormwater Permit required by the County. The work was conducted during two stormwater seasons and included field monitoring and assessment for water quality compliance and verification for the implementation of the Best Management Practices for the project.

Project Role

Stormwater Compliance

Client Reference

J. Glenn Morelli, Integrated Waste
Division Manager

Sonoma County Public Infrastructure
2300 County Center Drive
Suite B-100
Santa Rosa, CA 95403

T: 707.565.7947

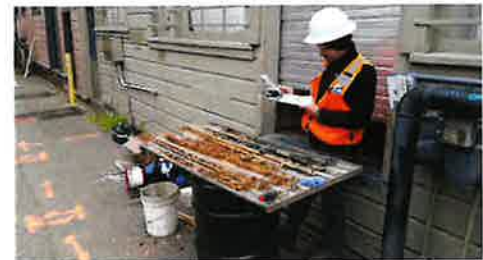
E: glenn.morelli@sonoma-county.org



4 | EXPERIENCE

Ghera Property - Soil & Groundwater Investigation

Arcata, CA



Project Description

In 2019, EBA performed a soil and groundwater investigation for the property located 987 H Street in Arcata, California. The purpose of this investigation was to assess the soil and groundwater impacts from the former dry-cleaning business at the project site.

After performing initial site characterization work, EBA prepared a Report of Investigation (ROI) which detailed that the dry-cleaning chemical, tetrachloroethene (PCE), had impacted soil and groundwater along the western boundary of the property. EBA recommended the installation of groundwater monitoring wells to allow for the verification of groundwater flow direction and gradient, as well as allowing for long-term monitoring of groundwater impacts over time to evaluate the rate of attenuation along with fate and transport. The ROI was approved by the North Coast Regional Water Quality Control Board (NCRWQCB). EBA then prepared an interim remedial measure work plan to conduct a dual-phase extraction pilot test which was subsequently approved by the NCRWQCB and implemented with successful results.

In 2023, at the request of the NCRWQCB, EBA was tasked with conducting further environmental work due to the impacts of PCE to the local soil and groundwater which was identified in EBA's ROI. Further site characterization work is currently being conducted, which includes a sensitive receptor survey, passive soil gas survey, plume delineation, and additional soil vapor and groundwater well installation. The data collected from these activities will be utilized to engineer a full-scale remedial action plan.

Project Role

Geologic / Hyrdogeologic

Lead Agency Reference

Mr. Craig Hunt, Ph.D., PE
North Coast Regional Water Quality
Control Board

5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

T: 707.570.3767



4 | EXPERIENCE

City of Ukiah Corporation Yard Site Investigation & Remediation

Ukiah, CA



Project Description

EBA performed an initial environmental investigation and characterized the impacts to soil and groundwater during several phases of work that were conducted both on and off the project site.

EBA prepared a Corrective Action Plan/Feasibility Study for the remediation of impacted soil and groundwater, which detailed the installation of a Dual Phase Extraction (DPE) and Ozone Sparge (OS) remediation system.

EBA developed bid specifications for the equipment procurement, construction, and well installation. Following installation of remediation equipment, EBA performed the operations and maintenance of the DPE/OS system until the remedial objectives were met. A comprehensive case closure Report was prepared and was subsequently approved by the North Coast Regional Water Quality Control Board. EBA is currently preparing bid specification documents for the abandonment of all monitoring and remediation wells which, upon completion of the well abandonment activities, a case closure letter for no further action will be issued.

Additionally, EBA has prepared and administered UST Cleanup Fund reimbursements that have reimbursed investigation and remedial costs for this site. EBA has also assisted the City in the enforcement of insurance policy provisions and helped defend the City in related legal actions.

Project Role

Environmental Investigation
& Remediation

Client Reference

Tim Eriksen
Director of Public Works
City of Ukiah
300 Seminary Avenue
Ukiah, CA 95482
T: 707.463.6280
E: teriksen@cityofukiah.com



4 | EXPERIENCE

Sam Jones Hall Annex Improvements - CEQA Study

Santa Rosa, CA



Project Description

EBA provided preliminary engineering design and environmental services including preparation of a master site plan that captures all requested site features and facility improvements for use in preparing California Environmental Quality Act (CEQA) Environmental Review.

CEQA Environmental Review services include an Initial Study/Mitigated Negative Declaration (IS/MND) in accordance with Section 15070 of the CEQA Guidelines. Should the project analysis show significant impacts that cannot be mitigated or impacts to topics deemed controversial by the City of Santa Rosa, the Initial Study would recommend the preparation of an Environmental Impact Report (EIR).

The final draft was submitted to the City in March 2024. The IS/MND indicated that the potential adverse environmental impacts of the subject property (i.e., Hazardous Materials, Cultural and Historic Resources, etc.) could be reduced to below levels of significance or minimized with the implementation of appropriate mitigation measures.

Project Role

Civil & Environmental Services

Client Reference

Dezire Perez-Barbante
Associate Civil Engineer

City of Santa Rosa
Transportation & Public Works
69 Stony Circle
Santa Rosa, CA 95401

P: 707.543.3200
E: dperez@srcity.org



4 EXPERIENCE

South Cloverdale Water Company Engineering & Environmental Services

Cloverdale, CA



Project Description

The South Cloverdale Water Company (SCWC) serves 90 people through 38 service connections. The water system is currently under a Compliance Order issued by the State Water Resources Control Board, Division of Drinking Water, which required the SCWC to procure an alternate source of drinking water that meets current standards. The only viable option for the SCWC to address the compliance order is to consolidate with the City of Cloverdale.

As a result, EBA is currently providing Civil Engineering, Surveying, Environmental, and Planning services in connection with the design and development of the proposed upgraded water distribution system that conforms to City of Cloverdale standards and will be administered by the City. The new service will provide water supply to 38 water service connections currently managed by the South Cloverdale Water Company (SCWC).

EBA tasks include engineering reports, plans and specifications, topographic and boundary surveys, existing utility identification and background research, geotechnical exploration, and a complete environmental package including NEPA Environmental Review and Environmental Alternative Analysis.

Project Role

Civil & Environmental Services

Client Reference

Randall Marx, PE
Office of Water Programs
Sacramento State University

6000 J Street
Sacramento, CA 95819

T: 916.278.5295
E: randy.marx@owp.csus.edu



4 | EXPERIENCE

Sonoma State University Campus ADA Improvements

Rohnert Park, CA



Project Description

EBA provided civil engineering services for the preparation of civil improvement plans for the various campus projects for path of travel improvements and additional sidewalk improvements at the main campus entry.

The projects included horizontal and vertical layouts, spot elevations, longitudinal and cross slopes, signing, striping and miscellaneous details.

Services included topographic surveying, engineering plans, response to Plan Check comments, and construction administration.

Project Role

Civil Engineering / Surveying

Completion Date

Ongoing

Client

Sonoma State University

Client Reference

Timothy Fowle, Project Manager
Sonoma State University
Capital Planning Design Construction

1801 E. Cotati Avenue
Rohnert Park, CA 94928

T: 707.664.2880

E: fowlet@sonoma.edu



4 | EXPERIENCE

Dam Road Water Pipeline Replacement & Extension

Lake County, CA



Project Description

This project included installing approximately 3,500 feet of 8-inch PVC water pipe in Dam Road to connect the Cache Creek Mobile Home Estates to the Konocti County Water District.

The new pipeline was installed in Dam Road from the Cache Creek Mobile Home Estates entrance, west to the Dam Road/Konocti Avenue intersection. Continuing west beyond Lake Street, the project replaced an existing 4-inch diameter pipe with a new 8-inch diameter pipe. The pipeline was installed by open-trenching methods aligned through a narrow corridor and beneath the existing asphalt surface of Dam Road.

The water pipeline was placed in accordance with State standards, generally 10 feet horizontally away from an existing sewer pipeline that is also located within the Dam Road alignment.

Excavation and other construction activities were limited to the existing roadway corridor and conducted with respect to sensitive cultural resources concerns. In this regard, the project also included cultural resources monitoring of the excavations and off-site placement of sensitive soil materials.

In addition to engineering services, EBA also provided construction management and inspection services.

Project Role

Civil Engineering / Construction
Management & Inspection

Client Reference

Jeffrey C. Bensch, PE
Resource Development Senior
Technical Engineer
California Rural Water Association

1234 Market Blvd.
Sacramento, CA 95834

P: 916.553.4900
E: jbensch@calruralwater.org



4 | EXPERIENCE

Highlands Mutual Water Company Various Engineering Services

Clearlake, CA



Project Description

EBA serves as Engineer of Record for Highlands Municipal Water Company (HMWC), providing a variety of engineering and environmental services including:

- ▶ Capital Improvement Plan assistance to strategically guide the enhancement and expansion of HMWC's water infrastructure over the coming years. Projects include water main replacements, water storage facility upgrades, enhanced water treatment operations, and overall water distribution network efficiency improvements.
- ▶ Preparation of Design and Construction Standards and Specifications.
- ▶ Hydrogeologic Study & Well Sitings
- ▶ Geophysical Services.
- ▶ Professional services in accordance with obtaining grant funding from State Water Resources Control Board, Division of Drinking Water.
- ▶ Construction Inspection and Management.

Project Role

Civil Engineering / Surveying/
Geological / Hydrogeological

Client Reference

Jeff Davis, General Manager
Highlands Mutual Water Company

14580 Lakeshore Drive
Clearlake, CA 95422

T: 707.565.1205
E: jeff@highlandswater.com



4 | EXPERIENCE

Sonoma County Regional Parks Master Services Agreement for As-needed Environmental Site Assessments

Sonoma County, CA

Project Description

In 2021, EBA was awarded a five-year contract with Sonoma County Regional Parks Department to provide Phase I Environmental Site Assessment services for various locations owned by the County. To date, EBA has provided ESA services for more than 18 locations. EBA holds an A Contractor's License with a Hazardous Substances Removal Certificate (A-Haz), allowing us to contract with, and oversee, work that includes the assessment and remediation of contaminated sites. This qualification allows us to act as the prime contractor in such instances.

The ESA scope of services performed was in general accordance with the scope and limitations of ASTM's Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E 1527-21) and included records review, research of historical records, interviews with past and present owners and occupants, interviews with state and/or local government officials, a site reconnaissance, and an analysis of the subject property's physical setting.

Notable Phase I ESA subject properties have included:

- ▶ Russian River Parkway Acquisition PI ESA, Cloverdale
- ▶ Joe Rodota Trail Bridge Replacement PI ESA Soil & Groundwater Management Plan, Santa Rosa
- ▶ Cougar Landing Expansion PI ESA/ Water Well Sampling, Santa Rosa
- ▶ Gleason Beach / Scotty Creek Access Improvements PI ESA, Bodega Bay
- ▶ Smith Brothers Road Properties PI ESA, Bodega Bay
- ▶ Demuth Property PI ESA, Wohler Road, Healdsburg

Client Reference

Ken Tam, Park Planner II
Sonoma County Regional Parks Department
2300 County Center Drive, Suite 120A
Santa Rosa, CA 95403

T: 707.565.3348

E: ken.tam@sonoma-county.org



4 EXPERIENCE

County of Sonoma Master Service Agreement 2022 - 2024

Client Reference

Mike Volatile
Sonoma County General Services
Administration
2300 County Center Drive, Suite A220
Santa Rosa, CA 95403
T: 707.565.2550
E: mike.volatile@sonoma-county.org



Civil Engineering Services for new facilities and major repairs and remodeling of existing facilities for County-owned and leased general government building and grounds.

Select projects under this contract to date have included:

- ▶ LUST Cleanup at Old Fleet Fueling Station
- ▶ Sleepy Mountain Access Road Maintenance Design
- ▶ Glass Fire Storm Drain Repairs at Juvenile Justice Center & Los Gullicos
- ▶ Dept. of Emergency Management Community Resiliency Sites
- ▶ ISD Emergency Generator Soil Sampling and Analysis and Groundwater Management Plan
- ▶ Bodega Bay Yacht Club Phase 1 ESA
- ▶ Chanate UST Investigation Remediation & Closure

City of Willits Engineering Services On-Call 2021 - 2024



Client Reference

Walter V. Kolon, Services & Facilities Director
City of Willits

380 E. Commercial Street
Willits, CA 95490

T: 707.459.7136
E: wkolon@cityofwillits.org

Services for this on-call contract include:

- ▶ Environmental Assessments
- ▶ Right-of-Way Supervision and Management
- ▶ Surveying
- ▶ Subsurface Investigations

Projects under this contract to date include:

- ▶ Lead Pipe Work Plan Preparation & Scopes of Work
- ▶ Drainage Bench Repair Design
- ▶ Landfill Compliance Services

- ▶ E. Hill Road Fault Investigation Study
- ▶ Wastewater Discharge Permit Review and Draft Permit Conditions
- ▶ Solar Performance Specifications Preparation
- ▶ Groundwater Flow Model
- ▶ Annual Groundwater Report & Associated Scopes of Work
- ▶ Wastewater Discharge Permit Technical Assistance
- ▶ Limited Arsenic & Groundwater Study

3 | KEY PERSONNEL

SUBCONSULTANT TEAM PROFILES

W-TRANS TRAFFIC ANALYSIS

W-Trans provides traffic engineering and transportation planning services that emphasize mobility within available resources and help transform streets to serve all potential users. W-Trans is particularly skilled in retrofitting streets and roads to make walking, bicycling and transit use safer and more convenient while also appropriately managing vehicle traffic. The firm has applied these skills to many different types of projects, and with the changes to the California Environmental Quality Act (CEQA) that now place more emphasis on alternative modes versus driver convenience, this long-term focus has become even more important.

W-Trans staff have applied their skills to a variety of projects ranging from analyses for traffic studies, including Initial Studies and EIRs, traffic collision reduction programs, transportation facilities design including traffic signal and roundabout design as well as pedestrian and bicycle facilities to downtown revitalization, streetscape planning efforts and complete street projects. They take a holistic approach to traffic engineering, realizing that solutions cannot be developed in a vacuum or strictly follow the standards of the past. Traffic analysis and design must be sensitive to the context of the surrounding land use and community goals to be successful.

Services include:

- ▶ Traffic Operation Review for Environmental Studies (CEQA/NEPA)
- ▶ Traffic Impact Studies
- ▶ Intersection & Corridor Vehicle Performance
- ▶ Traffic Control Warrants
- ▶ Intersection & Corridor Simulation
- ▶ Vehicle Conflict Reduction & Safety Studies
- ▶ Intersection & Corridor Capacity Analysis
- ▶ Access Management
- ▶ Interchange Operations
- ▶ Traffic Signal Interconnect & Coordination

3 | KEY PERSONNEL

SUBCONSULTANT TEAM PROFILES

ILLINGWORTH & RODKIN **AIR QUALITY & NOISE ANALYSIS**

Illingworth & Rodkin, Inc. (I&R) was founded in 1987 and provides a complete range of consulting services in acoustics, hydroacoustics, vibration, and air quality (including greenhouse gases) to governmental agencies, private sector clients, and other environmental and design professionals.

I&R has completed over 5,500 projects over 35 years in architectural acoustics, community noise and vibration, industrial noise and vibration control, energy production noise, hydroacoustics, tire/pavement noise research, transportation noise, and air quality/GHG studies.

The company's goal is to provide clients with the benefit of their expertise and experience with an emphasis on objective and thorough analyses of issues, timeliness, teamwork, and practical solutions.

Services include:

- ▶ Noise and air quality assessments for environmental studies (EIR, IS, EIS, EA)
- ▶ Noise and air quality technical studies for transportation projects
- ▶ Noise and air quality studies for new residential developments
- ▶ Underwater noise (hydroacoustic) monitoring and analysis
- ▶ Tire/pavement noise research
- ▶ Community noise control plans and ordinances
- ▶ Noise Ordinance compliance
- ▶ Air quality conformity determinations

3 | KEY PERSONNEL

SUBCONSULTANT TEAM PROFILES

We have assembled a team of engineering and environmental consulting experts with whom we have built a history of successful projects over the years. Each sub-consultant is chosen to supplement our expertise under this contract and not only enhances the long history of public works experience that EBA brings, but also provides the City with a cohesive team experienced in working together on similar projects.

WIEMEYER ECOLOGICAL SCIENCES

BIOLOGICAL / ECOLOGICAL CONSULTING

Darren Wiemeyer established Wiemeyer Ecological Sciences (WES) in 2007 and has worked in the biological field since 1993, earning a variety of experience providing biological consulting services for projects throughout California and southern Oregon.

Mr. Wiemeyer specializes in wetland delineations, biological studies, special-status species surveys and habitat assessments, habitat restoration and monitoring, mitigation and conservation banking, regulatory permitting and resource planning, biological construction monitoring and storm water compliance.

Mr. Wiemeyer is experienced in mitigation planning and regulatory consultation assistance for numerous Federally-listed plant and animal species and has worked on various aspects of several wetland and stream mitigation and restoration projects including several mitigation and conservation banks in Sonoma County and the Central Valley.

EILEEN BARROW & ASSOCIATES

ARCHAEOLOGICAL AND HISTORICAL RESEARCH CONSULTING

Eileen Barrow & Associates is a cultural resources management consulting firm that employs a qualified staff capable of completing cultural resources surveys and investigations, architectural evaluations, and archival research in Central and Northern California that meets Federal, State, and local requirements.

Eileen Barrow has been working in the field of cultural resources management in California since 2005. She holds a Master of Arts in cultural resources management from Sonoma State University and a graduate certificate in Historic Preservation from the University of Kentucky, and is a Registered Professional Archaeologist (CA #989269). Ms. Barrow's experience includes work completed in compliance with local ordinances, the California Environmental Quality Act, the National Environmental Policy Act, and Section 106 of the National Historic Preservation Act requirements.

3 | KEY PERSONNEL

PETER DUIN, EIT

Project Engineer



SPECIALTY

Environmental Engineering

YEARS OF EXPERIENCE

5

YEARS WITH EBA

0.5

REGISTRATIONS

Engineer-in-Training,
CA #176344

OSHA 40-hr Hazwopper

EDUCATION

MS, Environmental Resources
Engineering, California
Polytechnic University, Humboldt,
Arcata, CA, 2020

BS, Environmental Resources
Engineering, California
Polytechnic University, Humboldt,
Arcata, CA, 2017

AFFILIATIONS

American Society of
Civil Engineers

Engineers Without Borders

Mr. Duin is a Civil/Environmental Engineer with five years of experience in hydrology and hydraulics applied to groundwater hydrology and modeling, tidal slough and salt marsh restoration design, vernal pond design and water balance analysis, river modeling and analysis for culvert design, livestock watering system and water distribution design, irrigation and micro-irrigation system design, and pipe flow hydraulics. He has provided clients in Humboldt County and beyond with construction drawings, technical analyses, specifications, cost estimates, bid documents, technical reports, and memoranda, as well as construction management and construction inspection services.

RELEVANT EXPERIENCE

- ▶ City of Willits On-call Engineering Services
 - » Annual Groundwater Report 2023
 - » Groundwater Flow Model
 - » Limited Arsenic Soil & Groundwater Study
 - » Lead Service Line Inventory Work Plan & Associated Scopes of Work
- ▶ Cannibal Island Tidal Slough Restoration, California Department of Fish & Wildlife, Ferndale*
- ▶ Francis Creek Sediment Management Area Maintenance, Humboldt County Resource Conservation District, Eureka*
- ▶ City of Eureka Flood Reduction & Sea Level Rise Resiliency, Eureka*
- ▶ Elk River Resident Livestock Watering System Design, Humboldt County Deputy Public Works, Eureka*

** Projects completed with previous firm.*

3 | KEY PERSONNEL



SPECIALTY

Construction Inspection

Civil Engineering

YEARS OF EXPERIENCE

10

YEARS WITH EBA

2

REGISTRATIONS

Engineer in Training (EIT),
California #150276

EDUCATION

BS, Civil Engineering, California
State University, Chico, CA

AS, Mathematics & Earth
Science, Mendocino Community
College, Ukiah, CA

AFFILIATIONS

Lake-Mendocino Engineers
Association

ALEJANDRO GONZALEZ, EIT

Project Engineer / Construction Inspector

Mr. Gonzalez is a skilled and conscientious Project Engineer trained in performing civil design, surveying, and engineering services during construction. As an Engineer-in-Training, (EIT), he prepares plans and specifications under the supervision of Damon Morelli, a California Registered Civil Engineer. He received his education at Mendocino Community College and California State University, Chico, where he graduated with a degree in civil engineering. He is highly competent in advanced AutoCAD Civil 3D and Advanced AutoCAD civil engineering computer operating systems.

Mr. Gonzalez has performed civil design and prepared plans and specifications for commercial buildings, wineries, water systems, wastewater systems, site development plans, and design and construction plans for site improvements for a new Tribal Health Clinic.

Mr. Gonzalez is responsible for assisting in construction inspection and providing project engineering services as needed.

- ▶ Wright Property SWPPP, Lakeport
- ▶ Dam Road Water Pipeline Replacement and Extension Project, Clearlake
- ▶ Spring Valley CSA 2 Water System – Waterline Upgrades Project, Clearlake Oaks*
- ▶ South Main Street and Soda Bay Road Waterline Extension Project, Lakeport*
- ▶ LCTHC, Inc. South Shore Health Clinic, Clearlake*
- ▶ LCTHC, Inc New Parking Lot Facility, Lakeport*
- ▶ Old Adobe School – Site Improvements, Petaluma*
- ▶ Shannon Wine Company, Inc. Winery Expansion, Nice*
- ▶ Robinson Rancheria, Housing Development, Nice*
- ▶ County of Lake Public Services Department, New Parks Maintenance Facility, Lower Lake*
- ▶ Reynolds Systems, Inc. New Office Building, Middletown*
- ▶ Hillside Honda Remodeled Office, Show Room & Maintenance Facility, Lakeport*
- ▶ Leong Lakefront Residence, Lakeport*

** Projects completed with previous firm.*

3 | KEY PERSONNEL

DUSTIN DURHAM, PG

Project Geologist



SPECIALTY

Geologic & Hydrogeologic
Services

YEARS OF EXPERIENCE

6

YEARS WITH EBA

5

REGISTRATIONS

Professional Geologist,
CA #PG 10280

OSHA HAZWOPER 40

APNGA Nuclear Density Gauge

EDUCATION

BS, Earth Science with emphasis
in Hydrogeology, University
of California Santa Barbara

Minor in Geographic Information
Systems (GIS), University of
California, Santa Barbara

Mr. Durham is a professional geologist with over six years of experience in the field of environmental geology and geotechnical engineering. He has served as a field lead for subsurface investigations and drilling programs at EBA's Phase II Environmental Site Assessments at Leaking Underground Storage Tank (LUST) sites, former dry cleaning facilities, and solid waste landfill disposal sites. He has performed monitoring and sampling of groundwater, surface water, soil, soil vapor, and indoor air as well as the drilling and installation of groundwater monitoring wells, vapor extraction wells, and dual phase extraction wells. Mr. Durham is responsible for a variety of monitoring and reporting programs. Other responsibilities include the preparation of project budgets, client and regulatory agency interactions, site investigation activities, and drafting figures.

RELEVANT EXPERIENCE

- ▶ Monitoring and sampling of groundwater, surface water, soil, soil vapor, and indoor air for Phase I and II site investigations
- ▶ Installation and destruction of groundwater monitoring wells, vapor extraction wells, and dual phase extraction wells
- ▶ Transducer data collection to record and analyze hydraulic head fluctuations in groundwater wells, streams, and water tanks
- ▶ Cross section mapping using boring logs, CPT logs, geophysical logs/surveys, geologic maps, and field observations
- ▶ Hydrogeologic, environmental, and geotechnical reporting for various private clients and government regulatory agencies
- ▶ Proposals, Work Plans, and Permitting for hydrogeologic, environmental, and geotechnical related investigations
- ▶ Monitoring and Reporting Programs (M&RPs) under Waste Discharge Requirement (WDR) orders for landfills and quarries
- ▶ A variety of drilling methodologies including Air Rotary, Mud Rotary, Auger Rotary (Hollow-Stem and Solid-Stem), Sonic, Direct
- ▶ Direct Push Technology (DPT), Hand Auger, Cone Penetration Testing (CPT), and Membrane Interface Probe (MIP)
- ▶ Field recorded boring logs using the Unified Soil Classification System (USCS)
- ▶ Storm Water Pollution Prevention Plan (SWPPP) related site visits, recommendations, and reporting
- ▶ Pre-Construction Hazardous Material Assessments (PCHMA) and coordination of the material's acceptance to landfills
- ▶ Dual Phase Extraction (DPE) remediation for former Underground Storage Tank (UST) and dry cleaner project sites.

3 | KEY PERSONNEL



SPECIALTY

Geological Engineering
Water Resources

YEARS OF EXPERIENCE

6

YEARS WITH EBA

2

REGISTRATIONS

OSHA 24-hour Occasional
Site Worker HAZWOPER
Certification

FAA Part 107 Licensed
Remote Pilot

Permaculture Design
Certification

EDUCATION

MS, Environmental
Systems, Geology, Cal Poly
Humboldt, Arcata, CA

BS, Plant Sciences, University
of California, Santa Cruz, CA

EXPERTISE

Hydrologic/hydrogeologic
model building in GSFLOW,
VELMA 2.0, HECHMS

Water budget analysis

UAV/drone topographic
surveys and data processing

Hydrologic monitoring, data
collection, and data processing

Geospatial, topographic, and
remote sensing analysis

WYETH WUNDERLICH

Project Geologist

Mr. Wunderlich is a Project Geologist at EBA Engineering with over five years of technical and professional experience conducting surface and groundwater monitoring, data processing, data interpretation, and performing geospatial and empirical modeling of groundwater and surface water systems. His responsibilities include surface water and groundwater field data collection, processing, and interpretation, the preparation of groundwater availability reports, work plans, monitoring reports, and technical memorandums, and conducting project coordination, site investigation, characterization, and remediation measures.

As a Humboldt County resident, Mr. Wunderlich is a member of the local Surfrider Foundation and the Redwood Coast Mountain Bike Association.

RELEVANT EXPERIENCE

- ▶ Ghera Property - Site Investigation pertaining to historic dry cleaner chemical release into the environment, including limited Phase I Environmental Site Assessment, passive soil vapor survey, and monitoring of indoor air, soil vapor, and groundwater, Arcata, CA.
- ▶ Sanctuary Forest – Groundwater technical consultant and data analysis for Baker Creek (Upper Mattole River) off-channel pond construction and streamflow enhancement project, including empirical water budget modeling and preparation of technical impact assessment report, Whitethorn, Humboldt County, CA.
- ▶ Roblar Quarry – Surface water monitoring data collection, protocol development, processing, and interpretation in compliance with project Environmental Impact Report.
- ▶ GSFLOW Coupled groundwater/surface water modeling workshop - 40-hour USGS training workshop led by model developers (USGS Class ID 2447), Sacramento, CA*
- ▶ Bonanza en los Andes MS Thesis Research – Co-led international research campaigns, installed in-situ monitoring instrumentation, collected, managed, and processed diverse data sets, and quantified annual water balances derived from in-situ data sets, Zurite, Cusco, Peru*
- ▶ Water availability analysis reports – researched and prepared groundwater availability reports using empirical modeling methods, Napa County, CA (with EBA Engineering) and Lake County, CA.*
- ▶ Primary author of manuscript accepted by the Journal of Hydrology, Regional Studies (The role of peat-forming bofedales in sustaining base flow in the humid puna, accepted May 2023).*

** Projects completed with previous firm.*

3 | KEY PERSONNEL

GRAEME BRUNST, PG Project Geologist



SPECIALTIES

Geological & Hydrogeological
Services

YEARS OF EXPERIENCE

8

YEARS WITH EBA

6

REGISTRATIONS

Registered Professional
Geologist, California PG 10122

EDUCATION

BS, Geology, San Francisco
State University, San Francisco,
CA

Mr. Brunst is a professional geologist with a keen interest in environmental remediation and a strong aptitude for field work. He has over eight years of professional experience in planning, managing, and conducting work in the fields of environmental geology, hydrogeology, and solid waste monitoring and reporting. He has conducted numerous subsurface investigations of soil, groundwater, and soil vapor contamination resulting from various chemicals including chlorinated solvents, petroleum hydrocarbons, agricultural pesticides, metals, and others. He is experienced in various methods of soil and groundwater characterization, sample collection, soil boring logging techniques, monitoring well design and construction, and remedial design strategies. He has conducted investigations on gas stations, dry cleaning facilities, landfills, and commercial manufacturing plants for various public and private clients. Mr. Brunst is experienced in preparing subsurface investigation work plans, remedial action plans, project cost estimates, human health risk assessments, and technical reports involving data representation and evaluation. He prides himself on his attention to detail and his ability to communicate effectively with contractors and clients alike.

RELEVANT EXPERIENCE

- ▶ City of Willits Landfill Postclosure Monitoring, Sampling & Reporting, Willits
- ▶ Former Sonoma French Dry Cleaners Site Cleanup (SCAP), Santa Rosa
- ▶ 230 South A Street, Santa Rosa
- ▶ Foley Family Pavilion Environmental Site Investigation, Healdsburg
- ▶ City of Santa Rosa Garage 9 UST Investigation, Santa Rosa
- ▶ Round Barn Site Groundwater Investigation, Santa Rosa
- ▶ Petaluma Development Site Investigation & Remediation, Petaluma
- ▶ 3111 Santa Rosa Avenue, Former Gas Station Site Investigation & Remediation, Santa Rosa
- ▶ Bild Property, Kawana Springs Road Site Investigation & Remediation, Santa Rosa

3 | KEY PERSONNEL

MATT KOWALSKI, PG, QSD
Project Geologist



SPECIALTY

Geological and
Environmental Services

YEARS OF EXPERIENCE

11

YEARS WITH EBA

8

REGISTRATIONS

Professional Geologist,
California PG 9574

Qualified Stormwater
Developer (QSD)

OSHA Hazardous Waste
Activities Supervisor Training

EDUCATION

BS, Geology, Humboldt State
University, Arcata, CA

AS, Chemical Technology,
Cincinnati State Technical
& Community College,
Cincinnati, OH

AFFILIATIONS

Geological Society of
America (GSA)

National Groundwater
Association (NGWA)

Humboldt Homebrewers
Association

Mr. Kowalski's responsibilities include the execution of various technical aspects of environmental site investigation, data collection, data evaluation, and reporting. He has performed subsurface investigation for hydrogeologic characterization at former gas stations, former dry cleaners, and at waste disposal facilities. He prepares Work Plans for soil and groundwater investigation, conducts hydrogeologic evaluations, implements corrective action plans, and compiles site- closure documentations. His work also includes conducting project-specific evaluations to comply with the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA) along with the various types of technical reporting involving data representation and evaluation. Mr. Kowalski has also performed a range of environmental monitoring including soil vapor testing, indoor air sampling, landfill gas and groundwater monitoring, surface water and stormwater sampling.

Additionally, he has prepared Engineering Geologic Reports for industrial timber harvest plans (THPs) in accordance with the California Geologic Survey's (CGS's) Note 45, that were subsequently reviewed by the California Department of Forestry and Fire Prevention (CalFire) and the North Coast Water Quality Control Board (NCRWQCB) personnel.

RELEVANT EXPERIENCE

- ▶ CEQA Initial Studies, MND / ND
- ▶ NEPA Environmental Assessments.
- ▶ Phase I & Phase II Environmental Site Assessments/Investigations.
- ▶ Review of regional geologic maps, historic aerial imagery, and LiDAR data to identify and delineate geomorphic features. Prepare and defend Engineering Geologic Reports for industrial THPs. Implement mitigative buffers to within THPs
- ▶ Compliance monitoring including soil, groundwater, soil vapor and ambient air monitoring and sampling.
- ▶ Geologic and hydrogeologic investigations and field work.
- ▶ Ghera Property Soil & Groundwater Investigation, Arcata

3 | KEY PERSONNEL

CHARLES H. KATZ, PLS

Survey Manager



SPECIALTY

Land Surveying

YEARS OF EXPERIENCE

40

YEARS WITH EBA

5

REGISTRATIONS

Professional Land
Surveyor, CA 9715

EDUCATION

Associate, Civil Engineering &
Land Surveying Technology,
Pennsylvania State University

Mr. Katz has more than 40 years of professional experience in land surveying. He is skilled in topographic, boundary, construction, hydrographic, and Lidar (BIM) surveys for public, private, commercial, industrial, and infrastructure projects throughout California. He is accomplished in the latest surveying technologies in conventional ground surveys, GPS, and robotics. Mr. Katz prides himself on a high level of communication and understanding of his clients and their project needs.

Mr. Katz is responsible for all land surveying services as required.

RELEVANT EXPERIENCE

- ▶ Dam Road Water Pipeline Replacement and Extension Project, Clearlake
- ▶ Yokayo Rancheria Community Water System Upgrades, Talmage
- ▶ Konocti County Water District Annexation Map, Lake County
- ▶ Party chief providing on-call surveying services for County of Marin and its cities including San Rafael, Corte Madera, Mill Valley, and San Anselmo*
- ▶ Cooley Ranch Culvert Replacement, Sonoma County
- ▶ West County Trail Trailhead, Sonoma County
- ▶ Russian Riverbank Restoration Re-vegetation and Instream Habitat Project, Sonoma County
- ▶ Campus-wide Survey, Sonoma State University, Rohnert Park
- ▶ 12 kv Upgrades, Sonoma State University, Rohnert Park
- ▶ Quinn Central Plant and Groundwater Reclamation Project, Santa Rosa Junior College, Santa Rosa
- ▶ Santa Rosa Junior College, Various Projects, Sonoma County

** Projects completed with previous firm.*

3 | KEY PERSONNEL

MATTHEW MACHI, PE Senior Civil Engineer



SPECIALTY

Civil Engineering

YEARS OF EXPERIENCE

12

YEARS WITH EBA

5

REGISTRATIONS

Registered Professional
Engineer, California CE 83663

EDUCATION

MS, Civil Engineering Project
Management, University of
California, Berkeley

BS, Civil Engineering, University
of Illinois, Urbana-Campaign

AFFILIATIONS

United States Navy Civil
Engineering Corps

Mr. Machi has acquired more than 12 years of professional experience in civil engineering including site design for land development projects, municipal infrastructure projects, drainage, storm water management, and project entitlement with public outreach. He is proficient in the design and management of complex grading and drainage infrastructure projects, ADA grading compliance projects, hydrology and hydraulic studies, utility infrastructure design, erosion control, stormwater management, encroachment, and agency permitting. Report and document preparation include Drainage Analysis Reports, Pond Performance Analyses, Escrow Due Diligence Studies, Entitlement Proposals, Wastewater Analyses, Violation Resolutions, and Stormwater Pollution Prevention Plans (SWPPP).

Mr. Machi is experienced in a variety of management and design projects throughout all phases of development, equipping him with an extensive knowledge of project progression and allowing him to maximize value while mitigating potential constraints. His belief in a service-oriented approach, strong communication, and seasoned foresight are the keys to his reputation for client satisfaction.

Mr. Machi will support Mr. Morelli in all civil engineering services.

RELEVANT EXPERIENCE

- ▶ West County Transportation Operations & Maintenance Facility, Sonoma County, CA
- ▶ Larson Park Renovations, Sonoma County, CA
- ▶ Juniper Avenue Roadway and Utility Extension, Santa Rosa, CA
- ▶ Highlands Mutual Water Company Boiler Bid Documents and Construction Standards, Clearlake
- ▶ Yokayo Rancheria Community Water System Upgrades, Talmage
- ▶ Town Center Corte Madera Sewer Main Replacement and Modernization, Corte Madera, CA
- ▶ 9th Street West of Second Avenue, Marina, CA*
- ▶ FEMA Emergency Housing at Sonoma County Campground and Lake Mendocino, Sonoma and Mendocino Counties, CA*
- ▶ Harlan Road Improvements, Lathrop, CA*
- ▶ Kohnen Way Recycled Water Line Extension, Dublin, CA*
- ▶ Villages at Fairfield Master Planned Community, Fairfield, CA*

** Projects completed while with previous firm.*

3 | KEY PERSONNEL

KEVIN COKER, REA

Senior Environmental Scientist, CEQA Practitioner



SPECIALTY

Environmental Services /
CEQA Practitioner



YEARS OF EXPERIENCE

25

YEARS WITH EBA

5

REGISTRATIONS

California Registered
Environmental Assessor

OSHA 40-hour Hazardous
Waste Operation & Emergency
Response Training

OSHA 8-hour Hazardous
Waste Supervisor Training

EDUCATION

BA, Environmental Studies &
Planning / Hazardous Materials
Management, Sonoma State
University, Rohnert Park, CA
CEQA Practitioner Training
Program, University of
California, Davis

AFFILIATIONS

Association of Environmental
Professionals

Mr. Coker has over 25 years of experience in the field of environmental assessments and investigations, and various levels of property transfer and property development studies. Mr. Coker has performed over 200 Phase 1 Environmental Site Assessments (ESAs) in northern California, as well as CEQA- and NEPA-related environmental reviews. Mr. Coker is accomplished in CEQA/NEPA studies, work plans, summary reports, and related technical documents.

As a Senior Environmental Scientist and CEQA Practitioner, Mr. Coker is expert in soil, groundwater, and soil-vapor investigations; environmental assessments; property development and land-use permitting and associated studies; data evaluation and interpretation.

Mr. Coker's responsibilities include the oversight of project budgets, client and regulatory agency interactions, site investigation activities, and field and reporting programs.

RELEVANT EXPERIENCE

- ▶ NEPA Environmental Assessments.
- ▶ CEQA Initial Studies, Categorical Exemptions, Mitigated Negative Declarations/Negative Declarations.
- ▶ Preparation of Work Plans for soil and groundwater investigations, hydrogeologic evaluations, corrective action plans, and closure documentation.
- ▶ Compliance monitoring including soil, groundwater, soil vapor and ambient air monitoring and sampling.
- ▶ Field work, including environmental investigations requiring UST removal and over-excavations, soil and groundwater sampling and analysis, surface and storm water sampling and analysis.
- ▶ Phase I Environmental Site Assessments.
- ▶ Phase II Environmental Site Investigations.
- ▶ Santa Rosa Behavioral Health Care Center Expansion CEQA Study, Santa Rosa
- ▶ Sam Jones Hall Annex Improvements CEQA Study, Santa Rosa
- ▶ Pantheon Group Commercial Manufacturing & Distribution Facility CEQA Study, Eureka
- ▶ South Cloverdale Water Company Public Water System (PWS) Consolidation NEPA Study, Cloverdale
- ▶ City of Willits On-call Engineering Services
 - » Limited Arsenic Soil & Groundwater Study
- ▶ Schukler Family Properties 19357 Sonoma Highway ESA, Sonoma

3 | KEY PERSONNEL



SPECIALTIES

Environmental Remediation
Geologic & Hydrogeologic
Services

YEARS OF EXPERIENCE

27

YEARS WITH EBA

22

REGISTRATIONS

Professional Geologist,
California PG 7838

Certified Hydrogeologist,
California CHg 947

Certified Engineering Geologist,
California CEG 2753

Qualified Stormwater Developer
OSHA Hazardous Waste
Activities Supervisor Training

EDUCATION

BS, Geology, Sonoma State
University, Rohnert Park, CA

AFFILIATIONS

California Groundwater
Association (CGA)

Groundwater Resources
Association of California (GRA)

National Groundwater
Association (NGWA)

MATTHEW EARNSHAW, PG, CHg, CEG, QSD

Vice President / Senior Geologist / Hydrogeologist

Mr. Earnshaw is a Senior Hydrogeologist with over 27 years of technical and professional experience in hydrogeologic, environmental, and geotechnical investigations.

Mr. Earnshaw has designed deep drilling programs to assess groundwater quality prior to installation of water supply wells and has designed packer systems with low flow devices to extrapolate zones using advanced drilling techniques to depths of 300 feet. He has conducted pump tests for city and county clients and has provided expert witness services for litigation in water supply and well construction issues. Mr. Earnshaw has also supervised drilling programs using air rotary, mud rotary sonic, direct push, and hollow stem/solid flight augers. His background includes working on CERCLA Superfund projects, local agency projects, property transfers, water well exploration, design and permitting, and hydrogeologic modeling.

Mr. Earnshaw's responsibilities include oversight of the various technical aspects of the firm's hydrogeologic and environmental projects.

RELEVANT EXPERIENCE

- ▶ South Cloverdale Water Company Public Water System (PWS) Consolidation NEPA Study, Cloverdale
- ▶ Ghera Property Soil & Groundwater Investigation, Arcata
- ▶ Sonoma County Ag Building UST, Sonoma County
- ▶ Sonoma County Emergency Operations Center, Sonoma County
- ▶ Sonoma County Meredith Pier, Sonoma County
- ▶ Sonoma County Russell Avenue Investigations and Pre-Construction Hazardous Material Assessments (PCHMA), Sonoma County
- ▶ Sonoma County New Courthouse Prisoner Tunnel PCHMA, Sonoma County
- ▶ Sonoma County Paulin Drive Parking Lot, Sonoma County
- ▶ Sonoma County MtBE Investigation, Sonoma County
- ▶ City of Willits On-call Engineering Services
- ▶ City of Santa Rosa Municipal Services Center, Santa Rosa
- ▶ City of Santa Rosa Fire Stations #4, #5, and #6, City of Santa Rosa
- ▶ City of Santa Rosa Garage #9 and Former City Hall Annex, Santa Rosa
- ▶ City of Santa Rosa Municipal Services Center, Santa Rosa
- ▶ City of Santa Rosa Pre-Construction Hazardous Material Assessments (PCHMA), Santa Rosa

3 | KEY PERSONNEL



SPECIALTY

Stormwater & Environmental
Systems Engineering
& Compliance

YEARS OF EXPERIENCE

8

YEARS WITH EBA

5

REGISTRATIONS

Registered Professional Civil
Engineer, CA #93358

Qualified Stormwater Developer/
Qualified Stormwater Practitioner

OSHA 40-hour Hazardous
Waste Activities Training

OSHA 8-hour Hazwoper Training

EDUCATION

MS, Civil / Environmental
Engineering, California
State Polytechnic University,
San Luis Obispo, CA

MBA, Business Development
Specialization, Orfalea
College of Business, California
State Polytechnic University,
San Luis Obispo, CA

BS, Environmental Resources
Engineering, Humboldt State
University, Arcata, CA

AFFILIATIONS

American Society of Civil
Engineers - Redwood Empire
Branch President, 2023

BRIAN M. WALLACE, PE, QSD/QDP, QISP

Project Engineer / Project Manager

Mr. Brian Wallace is a Project Engineer at EBA Engineering with over eight years of technical and professional experience in drinking water systems, civil engineering, groundwater hydrology, and environmental resources engineering.

As Project Engineer, Mr. Wallace's responsibilities include managing EBA's SWPPP projects relating to the design and permitting of project modifications for existing Public Water Systems (PWS), permitting new PWS's, engineering reports, civil engineering design for landfills and quarries, and preparation of technical memorandums pertaining to groundwater supply and groundwater exploration.

RELEVANT EXPERIENCE

- ▶ South Cloverdale Water Company PWS Consolidation NEPA Study, Cloverdale
- ▶ City of Willits On-call Engineering Services
 - » Annual Groundwater Report 2022 & 2023 & Associated Scopes of Work
 - » Groundwater Flow Model
 - » Limited Arsenic Soil & Groundwater Study
 - » Lead Service Line Inventory Work Plan & Associated Scopes of Work
- ▶ West County Transportation Agency, Juniper Construction SWPPP, Santa Rosa
- ▶ West County Transportation Agency, Analy High School Bus Parking Lot Industrial SWPPP, Sebastopol
- ▶ West County Transportation Agency, Main Bus Parking Lot Industrial SWPPP, Sebastopol
- ▶ Truck Tops USA Construction SWPPP, Santa Rosa
- ▶ Wright Property SWPPP, Lakeport
- ▶ East Bay MUD Photovoltaic Array System Construction SWPPP, Orinda
- ▶ Mellinger Addition SWPPP, Sonoma
- ▶ La Tortilla Factory Industrial SWPPP, Santa Rosa
- ▶ Opperman & Son's, Inc., Industrial SWPPP, Healdsburg
- ▶ Timber Cove Resort PWS Permit Amendment Technical Assistance, Sonoma County
- ▶ Truck Tops USA PWS Permit Technical Assistance, Sonoma County
- ▶ Seven Apart Winery (Beau Vigne) State Small Water System Permit Technical Assistance, Napa County

3 | KEY PERSONNEL

MAX KRUZIC, PG, CHg, QSD
Senior Geologist / Hydrogeologist



SPECIALTY

Environmental Geology, Solid Waste, & Hydrogeologic Services

YEARS OF EXPERIENCE

13

YEARS WITH EBA

12

REGISTRATIONS

California Professional Geologist, PG 9311

California Certified Hydrogeologist, CHg 1062

Qualified Stormwater Developer

OSHA 40-hour Hazardous Waste Activities Training

OSHA 8-hour Hazardous Waste Supervisor Training

EDUCATION

BS, Earth Science, University of California, Santa Cruz, CA

AFFILIATIONS

National Groundwater Association

Mr. Kruzic is a professional geologist and certified hydrogeologist with 13 years of experience in the fields of environmental geology, solid waste, and hydrogeology. He is responsible for implementing and managing hydrogeologic, environmental and solid waste projects. The nature and scope of these projects include surface and subsurface geologic investigations, hydrogeologic characterization, remedial investigations/feasibility studies, and implementation of monitoring and reporting programs for solid waste facilities.

Mr. Kruzic is knowledgeable in developing and implementing a wide variety of groundwater-based investigations including hydrogeologic studies and site characterization/remediation investigations for solid waste landfills and commercial facilities (i.e., fueling stations, dry cleaners, etc.). He oversees EBA's groundwater monitoring programs for solid waste landfill sites in Sonoma and Mendocino counties.

RELEVANT EXPERIENCE

- ▶ Phase II Environmental Site Assessments for various municipal and private clients: Sonoma, Lake, Napa, Mendocino, and Humboldt Counties
- ▶ City of Santa Rosa City Hall Annex Phase II ESA & Case Closure, Santa Rosa
- ▶ City of Santa Rosa Garage #9 UST Investigation & Remediation
- ▶ City of Willits On-call Engineering Services
 - » Annual Groundwater Report 2022 & 2023 & Associated Scopes of Work
 - » Limited Arsenic Soil & Groundwater Study
 - » Landfill Accounting Assistance
 - » Wastewater Discharge Permit Review & Draft Permit Conditions
 - » Groundwater Monitoring Progress Assessment
 - » Drainage Bench Repair Design at Solid Waste Disposal Site
- ▶ City of Ukiah, Former Leslie Street Gas Plant, Investigation and Remedial Planning, Ukiah
- ▶ Nike Missile Site SF-93A, UST Investigation, San Rafael
- ▶ Manzana Products Company, UST Investigation, Remediation and Case Closure, Sebastopol
- ▶ Minuteman Press, UST Investigation, Remediation and Case Closure, Petaluma
- ▶ Petaluma Properties, LLC (Whole Foods), UST Investigation, Remediation and Case Closure, Petaluma
- ▶ Ledger Ranch UST Investigation, Marin County, CA

3 | KEY PERSONNEL



SPECIALTY

Environmental Services

YEARS OF EXPERIENCE

32

YEARS WITH EBA

28

REGISTRATIONS

California Registered
Environmental Assessor

OSHA 40-hour Hazardous Waste
Activities Supervisor Training

EDUCATION

MS, Environmental
Management, University
of San Francisco

BS, Agricultural Science and
Management, University
of California, Davis

AFFILIATIONS

North Coast Regional Water
Quality Control Board

California Groundwater
Association

Santa Rosa Plain Groundwater
Sustainability Agency
Advisory Committee

Sonoma County Farm Bureau
Natural Resource Committee

Santa Rosa Junior
College Ag Trust

DAVID NOREN, REA

Vice President, Environmental Services Manager

Mr. Noren is EBA's Manager of Environmental Services with over 32 years of experience in environmental services and engineering. His expertise includes technical and management services for a wide range of environmental, hydrogeological, and solid waste landfill projects. He is well versed in permitting with local, State, and Federal agencies and in stormwater management sampling and reporting, various levels of regulatory permitting and water use studies, landfill closure, general property transfer and property development studies, and in the preparation of Categorical Exemptions, Initial Studies, Negative Declarations, and Mitigated Negative Declarations per CEQA and NEPA Environmental Assessments.

Mr. Noren is knowledgeable in the application of numerous investigative and treatment methodologies in a variety of geologic environments including the investigation and remediation of a diverse range of contaminated sites and municipal solid waste facilities.

Mr. Noren's responsibilities include management and oversight of all environmental services.

RELEVANT EXPERIENCE

- ▶ NEPA Environmental Assessments.
- ▶ CEQA Initial Studies, Categorical Exemptions, Mitigated Negative Declarations/Negative Declarations.
- ▶ Individual or nation-wide permit applications for Section 404 (US Army Corps of Engineers), Section 401 Water Quality Certification (San Francisco Bay Regional Water Quality Control Board), California Department of Fish and Wildlife Stream Bed Alteration Agreements, California Coastal Commission, BCDC Entitlements.
- ▶ Compliance monitoring including soil, groundwater, soil vapor and ambient air monitoring and sampling.
- ▶ Work plans for soil and groundwater investigations, hydrogeologic evaluations, corrective action plans, and landfill closure documentation.
- ▶ Field work, including environmental investigations requiring UST removal and over-excavations, soil and groundwater sampling and analysis, surface and storm water sampling and analysis.
- ▶ Phase I Environmental Site Assessments.
- ▶ Phase II Environmental Site Investigations.
- ▶ City of Santa Rosa Limited Phase 1 Environmental Site Assessment Services Master Agreement 2016 - Present (completed 13 projects to date)
- ▶ Sam Jones Hall Annex Improvements Environmental Services, Santa Rosa

3 | KEY PERSONNEL

DAMON MORELLI, PE, QSD/QSP, LEED AP
Vice President / Principal Engineer



SPECIALTY

Civil Engineering

YEARS OF EXPERIENCE

25

YEARS WITH EBA

14

REGISTRATIONS

Registered Professional
Civil Engineer, CA #63621

LEED Accredited Professional

Qualified Stormwater
Developer / Practitioner

OSHA 24-hour Hazardous
Waste Activities Training

EDUCATION

BS, Civil Engineering,
California State
University, Chico

AFFILIATIONS

American Society of
Civil Engineers

Mr. Morelli has over 25 years of experience in civil engineering. His expertise includes site design and construction management for municipal projects, public and private residential projects, commercial and industrial projects, design-build projects, and public infrastructure projects throughout California. He has been responsible for managing and designing complex grading and drainage infrastructure projects, ADA grading compliance projects, hydrology and hydraulic studies, utility infrastructure design, fire flow calculations, stormwater management, agency permitting, erosion and sediment control plans, permitting, and modeling for both sanitary and stormwater systems. Mr. Morelli has both prepared and reviewed site improvement plans, grading, drainage, utility, and erosion control plans for projects in Sonoma County and throughout the Northern and Central California.

Mr. Morelli's responsibilities include oversight of all civil engineering services and overall project management.

RELEVANT EXPERIENCE

- ▶ Sonoma County Regional Parks Civil & Bio-engineering On-call Contract
- ▶ County of Sonoma Master Services Agreement
- ▶ City of Santa Rosa Engineering & Environmental Services On-call Contract City of Willits On-call Engineering Services
- ▶ Santa Rosa Behavioral Health Care Center Expansion, Santa Rosa
- ▶ Sam Jones Hall Annex Improvements, Santa Rosa
- ▶ Dam Road Water Pipeline Replacement and Extension Project, Clearlake
- ▶ Los Guilicos Complex ADA Site Improvement, Sonoma County
- ▶ Juvenile Justice Center ADA Improvements, Sonoma County
- ▶ Sonoma Springs Mixed Use Development, Sonoma County
- ▶ Corte Madera Town Center Utility Modernizations – Phase I, Corte Madera
- ▶ Rodeo Valley Trail SWPPP, Marin Headlands
- ▶ Hawk Hill SWPPP, Marin Headlands
- ▶ Cooley Ranch Culvert Replacement Project, Sonoma County
- ▶ Rochioli Streambank Restoration Project, Sonoma County
- ▶ Central Sonoma Valley Trail, Sonoma County
- ▶ West County Trail – Forestville, Sonoma County
- ▶ Santa Rosa Junior College Site Improvements, Santa Rosa
- ▶ Santa Rosa Junior College Groundwater Reclamation, Santa Rosa

2 | FIRM/TEAM QUALIFICATIONS

GEOLOGIC & HYDROGEOLOGIC SERVICES

EBA has been progressive in hydrological services and groundwater supply development for more than four decades. We provide hydrological and field support services to municipal, industrial, construction, and development entities, performing groundwater well siting studies, development of numerical groundwater flow models using MODFLOW®, water availability studies, water rights, pond permitting and design, well permitting and design, surface water evaluation and analysis, saltwater intrusion studies, and water supply permitting and management. We also offer comprehensive services to ensure regulatory compliance while integrating and maximizing other civil and environmental engineering as required for the benefit of overall project goals.

Services include:

- ▶ Groundwater and Well Monitoring
- ▶ Groundwater Flow Modeling
- ▶ Groundwater Aquifer Recharge Programs
- ▶ Deep-Well Injection Modeling Support
- ▶ Aquifer Test Analyses
- ▶ Pumping Test Evaluations
- ▶ Water Supply and Demand Evaluations
- ▶ Groundwater and Soil Remediation
- ▶ Watershed Management Planning
- ▶ Well Siting Studies and Well Drilling Oversight
- ▶ Water Availability Studies / Water Supply Development
- ▶ Water Quality Sampling and Data Review
- ▶ Brownfields Services
- ▶ Large-Scale Mapping, Watershed, and Estuary Modeling
- ▶ Integrated Surface and Groundwater Management Plans
- ▶ Site Characterization including Polyfluoroalkyl Substances (PFAS)

EBA's long-standing relationships with local governing regulatory agencies have proven beneficial in accelerating tasks and projects toward completion within a reasonable time frame.



2 | FIRM DESCRIPTION

ENVIRONMENTAL COMPLIANCE

EBA specializes in all environmental permitting at local, State, and Federal levels including environmental site assessments, UST evaluations, hydrogeologic investigations, hazardous materials management, and industrial hygiene services, leading to the remediation of hazardous material, soil, groundwater, and/or soil vapor contamination. EBA is adeptly qualified to deliver on all these services and more.

EBA has been exposed to a myriad of circumstances that required the development of sound investigative practices and procedures resulting in a comprehensive understanding of the overall logistics of environmental investigative work with an acute awareness of the requirements and what to look for when evaluating potential environmental liabilities. EBA utilizes a variety of information sources as part of our research (i.e., historical aerial photographs, city and county directories, Sanborn Fire Insurance Maps, etc.).

EBA focuses solely on a site-by-site basis. Whether it is obtaining permits to begin operation on a new project or determining which environmental rules apply, EBA is focused on the client's best interests. EBA has extensive experience coordinating with regulatory agencies, both local and abroad, and applies that knowledge to each project.

EBA's professional practice ensures project compliance with the United States Environmental Protection Agency (EPA) Resource Conservation and Recovery Act (RCRA), American Society for Testing and Materials (ASTM), National Emissions Standards for Hazardous Air Pollutants (NESHAP), and Caltrans rules and regulations relating to hazardous wastes, hazardous substances, petroleum products, and toxics impacts to buildings, air, soil, and groundwater. Over the past 30 years, our environmental professionals have completed more than 1,000 routine Phase I and II ESAs.



2 | FIRM DESCRIPTION

ENVIRONMENTAL ASSESSMENTS

As with any environmental project, EBA's objective is to provide long-term solutions to environmental issues. Emphasis is placed on practicality, cost-effectiveness, technical feasibility, and innovative approaches to comply with regulatory requirements. We understand the importance of effective interaction with staff, subcontractors, and community members for the efficient completion of a project.

EBA's environmental professionals utilize current methods and implement innovative cost saving methods whenever possible. We have obtained permits from numerous jurisdictions and fully understand the complexities and sensitivities of this process. EBA is practiced in approaching a project's specific needs and customizing client requirements to meet government standards and best engineering practices while consistently meeting budget requirements and schedule deadlines.

EBA employs multiple senior staff members with the requisite experience working on various levels of permitting, project evaluation, and State and Federal environmental review. Our projects commonly involve working closely with regulatory staff and the Director of EBA's Environmental Services Division, Mr. David Noren, has served as chairman of the North Coast Regional Water Quality Control Board. In addition to general environmental consulting services associated with CEQA and NEPA environmental reviews, EBA has multiple senior Professional Engineers and Certified Engineering Geologists in-house with experience in a variety of geotechnical, geologic and hydrogeologic investigations.

EBA enables you to achieve the best result for your project by utilizing our broad knowledge base to inform the process and drive decision making. Better decisions from the start mean less rework and design changes during the project, thereby achieving effective results.



2 | FIRM DESCRIPTION

ENVIRONMENTAL SERVICES

Environmental engineering not only protects people from the effects of adverse environmental conditions, such as pollution and contamination, but also improves the quality of the environment. EBA's diverse staff of environmental, civil, stormwater, and remediation professionals offer a full suite of options to deliver development-ready sites from due diligence through to regulatory closure. Our integrated services range from data collection and development of remediation cost estimates to implementation of the final approach during construction. EBA's process involves collaboration to transform a contaminated property into a mitigated site ready for development.

Services include:

- ▶ Environmental Site Assessments including CEQA, NEPA, and Phase I through IV ESAs
- ▶ Environmental Permitting & Compliance including wastewater, groundwater and stormwater compliance; Brownfield redevelopment; and hazardous materials management
- ▶ Pre-construction Hazardous Materials Assessments
- ▶ Site Remediation
- ▶ Subsurface and Vapor Intrusion Assessment and Abatement
- ▶ Feasibility Testing
- ▶ Closure Activities
- ▶ Regulatory Permitting
- ▶ Land Use Development Studies
- ▶ Underground Storage Tank (UST) Investigation
- ▶ UST Cleanup Fund Assistance

Most environmental services projects require engineering support, which is provided by our well-qualified, knowledgeable surveying and engineering staff.

Additionally, EBA has provided on-call environmental services for numerous municipal and private clients. Our long-standing relationships with these and other local governing regulatory agencies have proven beneficial in accelerating tasks and projects toward completion within a reasonable time frame.



2 | FIRM DESCRIPTION

CIVIL ENGINEERING / LAND SURVEYING

► Stormwater Management

Creating, adapting, and maintaining a successful stormwater management program requires a breadth and depth of knowledge not commonly found in a single consulting firm. EBA is well-known for the diversity of its stormwater expertise. Our services include SWPPP development, implementation, and compliance-related consulting services for construction projects and industrial businesses.

► Construction Management

As a construction manager, EBA acts as the client's agent to manage and administer the contract and to ensure the contractual obligations required of the Contractor are continually and fully met, such as employing measures to ensure compliance with applicable permits and environmental regulations, and maintenance of access, site safety and other services that will occur concurrent with the work.

EBA's construction management staff is comprised of civil engineers and construction industry professionals who have extensive experience in both design and construction phase services associated with infrastructure projects.

EBA's professionals can provide additional services including:

- Assist in bid evaluations.
- Facilitate and conduct pre-construction meetings.
- Coordinate with contractors.
- Ensure contractor(s) compliance with applicable laws.
- Receive, review, route, and manage contractor submittals.
- Review, understand, and implement Agency Policy affecting the project.
- Provide construction field observation.
- Assist project mobilization efforts as needed.
- Review, comment, and process progress payment requests.
- Review plans and specifications for constructability.
- Prepare as-built plans.
- Prepare construction reports.



2 | FIRM DESCRIPTION

RELEVANT SERVICES

CIVIL ENGINEERING / LAND SURVEYING

EBA has a wealth of experience in municipal engineering, performing capital improvement projects including roadway design, infrastructure improvements, construction management and inspection, land development, site engineering, and geotechnical evaluations. EBA is also well-versed in site planning, land surveying, and construction services. Services include:

► Site Engineering for Municipal Projects

EBA is experienced in the planning, designing, and permitting of public facilities throughout Northern California. Services encompass all aspects of the development process including site planning and layout, general design, topographic and boundary surveying, alternative design development, design development and construction document preparation, utility replacement design, grading and drainage design including LEED requirements, erosion and sediment control plan preparation and stormwater pollution prevention plans for both industrial and construction activities, as well as construction cost estimating.

► Roadway & Utility Design

EBA's roadway and utility design and construction experience includes all civil infrastructure associated with urban residential, commercial, or industrial development projects. Projects range from fully urban, where all public utilities are available, while others may require development of on-site water supply and fire protection systems or on-site sewage disposal systems. Roadway design includes highway design, public roadways, and private drives for residential and agricultural uses.

► Field & Construction Services

In addition to design, our engineering professionals perform on-site surveying, GIS mapping and analysis, and construction services. EBA's engineers and technicians perform field surveys for the creation topographic maps, well location, construction staking, and as-builts. EBA also provides bid assistance, contract management services during construction, and civil inspection.



2 | FIRM DESCRIPTION

CORPORATE OFFICERS

Nazar Eljumaily, President

Damon Morelli, Vice President /
Principal Engineer

David Noren, Vice President /
Environmental Services Manager

Matthew Earnshaw, Vice President /
Geological Services Manager

PRIMARY CONTACT

Damon Morelli, PE 63621
Vice President / Principal Engineer
T: 707.544.0784, ext. 130
E: dmorelli@ebagroup.com



EBA ENGINEERING

825 Sonoma Avenue
Santa Rosa, CA 95404
Tel: 707.544.0784
Fax: 707.544.0866

ORGANIZATION & LICENSES

Year Established: 1979

Years in Business: 45

California Corporation, 1988
(formerly a Partnership 1979 - 1988)

California Licensed Contractor (Class
A-HAZ, License No. 662725)

Certified Small Business Enterprise
No. 43664

SERVICES

- ▶ Civil Engineering
- ▶ Surveying
- ▶ CEQA/NEPA Environmental Review
- ▶ Environmental Services
- ▶ Geologic / Hydrogeologic Engineering
- ▶ Construction Management Services
- ▶ Site Assessments
- ▶ Remediation
- ▶ Field Services
- ▶ Water Resource Management
- ▶ Groundwater Evaluation & Modeling
- ▶ Stormwater Management
- ▶ Facility Planning / Master Planning
- ▶ Landfill Engineering & Landfill Gas Engineering
- ▶ Material Recovery Facilities
- ▶ Transfer Stations
- ▶ Composting Facilities

TEAM MEMBERS* | 28

- ▶ Professional Civil Engineers | 5
- ▶ Professional Geologists | 7
- ▶ Professional Land Surveyor | 1
- ▶ Certified Engineering Geologists | 3
- ▶ Certified Hydrogeologists | 3
- ▶ Land Surveyor Technicians | 3
- ▶ Qualified SWPPP Developers | 5
- ▶ Qualified SWPPP Practitioners | 2
- ▶ Qualified Industrial SWPPP Practitioners | 3
- ▶ Registered Environmental Assessors | 4
- ▶ CEQA Practitioner | 1
- ▶ Environmental and Engineering Staff | 7
- ▶ LEED Accredited Professionals | 1
- ▶ Engineers in Training | 2
- ▶ Administrative / Support Staff | 6
- ▶ Systems Manager | 1

* Some staff are professionally certified in more than one discipline

2 | FIRM DESCRIPTION

GEOLOGIC & HYDROGEOLOGIC SERVICES

EBA's licensed geologists, hydrogeologists, and engineering professionals combine efficient and accurate field measurements with hydrology, hydraulics, and modeling to build an understanding of subsurface conditions and identify high-grade infrastructure design alternatives and opportunities for future projects. EBA is significantly experienced in conducting hydrogeologic investigations including water well siting, permitting, well interference studies, potential stream flow interaction calculations, and groundwater flow modeling.

SOIL & GROUNDWATER REMEDIATION

EBA is experienced identifying, designing, constructing and operating efficient, feasible and cost-effective remediation alternatives for a specific site. The identification of the most technically and economically feasible means for site remediation methods is typically evaluated using a variety of treatment methodologies and processes supplemented by EBA's experience with cost estimates for remediation projects.

Site remediation techniques are site-specific and contaminant-specific activities designed to contain, control or eliminate contamination that could have an adverse environmental impact and restore environmentally degraded sites to acceptable conditions.

STORMWATER MANAGEMENT

EBA's stormwater management services include Stormwater Pollution Prevention Plan (SWPPP) development, implementation, and compliance-related consulting services for construction projects and industrial facilities. EBA is well-known for our stormwater expertise in Northern California. Our long history of supporting large, on-call stormwater contracts for major municipalities and industrial facilities has allowed our staff to forge long-term relationships with clients and regulators, working together to address new and challenging problems while learning valuable lessons on how to create and sustain effective monitoring programs.

REGULATORY AGENCY PROGRAM EXPERIENCE

EBA has significant experience working with various Federal and State of California agencies on diverse project types in which the State functions as regulatory oversight and/or as the primary funding mechanism through grants, loans, or reimbursement programs. For example, EBA has worked with numerous clients with the State Water Resources Control Board (SWRCB) programs including Underground Storage Tank Cleanup Fund (USTCF), Site Cleanup Subaccount Program (SCAP), Remove, Replace or Upgrading UST's (RUST), and Orphan Site Cleanup Account (Orphan).



2 | FIRM DESCRIPTION

ABOUT EBA

EBA Engineering (EBA) is a multi-disciplinary firm based in Santa Rosa, California, with recognized expertise in the fields of:

- ▶ Civil Engineering & Land Surveying
- ▶ Environmental Assessments & Compliance
- ▶ Geologic & Hydrogeologic Services
- ▶ Soil & Groundwater Remediation
- ▶ Stormwater Management
- ▶ Construction Management & Inspection



45+
YEARS OF
PROFESSIONAL
EXPERIENCE

Since 1979, EBA's staff of licensed engineers, geologists, and environmental professionals have worked together to provide a comprehensive range of engineering and environmental services to deliver sustainable solutions for an evolving world.

CIVIL ENGINEERING / SURVEYING SERVICES

EBA is experienced in planning, designing, and permitting of public facilities and infrastructure projects. Services encompass all aspects of the development process including site planning and layout; topographic and boundary surveys; alternative design development; design development and construction document preparation; design of roads, utility replacements, asphalt and concrete pavement sections; grading and drainage design including Low Impact Design (LID) strategy implementation into site designs; Leadership in Energy and Environmental Design (LEED) documentation support; preparation of erosion and sediment control plans and storm water pollution prevention plans for both industrial and construction activities; construction cost estimating; and construction administration services.

ENVIRONMENTAL SERVICES

EBA's environmental engineering professionals provide California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) environmental review; oversight of Phase I through Phase IV Environmental Site Assessments (ESA); pre-construction hazardous materials assessments; Brownfields redevelopment; soil and groundwater characterization and remediation; subsurface and vapor intrusion assessment and abatement; landfill sampling, monitoring and reporting; regulatory permitting; and land use development studies.

**RESULTS-FOCUSED
& RESPONSIVE TO
CLIENT NEEDS**

**COST EFFICIENT
& BUDGET
CONSCIOUS**

1 | ORGANIZATION CHART

EBA TEAM ORGANIZATION



**CIVIL, ENVIRONMENTAL,
GEOLOGIC, & HYDROGEOLOGIC
ENGINEERING**

ENVIRONMENTAL TEAM

David Noren, REA

VP, Environmental Services Manager

**Matthew Earnshaw, PG, CHg, CEG,
QSD**

VP, Senior Geologist/Hydrogeologist

Max Kruzic, PG, CHg, QSD

Senior Geologist

Kevin Coker, REA

Senior Environmental Scientist &
CEQA Practitioner

Matt Kowalski, PG, QSD

Project Geologist

Graeme Brunst, PG

Project Geologist

Wyeth Wunderlich

Project Geologist

Dustin Durham, PG

Project Geologist

CIVIL ENGINEERING TEAM

Damon Morelli, PE, QSD/QSP

VP, Principal Engineer

Brian Wallace, PE, QSD/QISP

Project Engineer / Project Manager

Matthew Machi, PE, QSD/QISP

Senior Civil Engineer

Charles H. Katz, RLS

Survey Manager

Alejandro Gonzalez, EIT

Project Engineer \ Construction Inspector

Peter Duin

Project Engineer

ENVIRONMENTAL SUBCONSULTANT TEAM

Wiemeyer Ecological Sciences

Biological / Ecological Consulting

Eileen Barrow & Associates

Archaeological & Historical
Resource Consulting

Illingworth & Rodkin, Inc.

Air Quality & Noise Analysis

W-Trans

Traffic Impact Analysis

Lake County Public
Services Department
333 Second Street
Lakeport, CA 95453

Email:
facilities@lakecountyca.
gov



EBA ENGINEERING

825 Sonoma Avenue
Santa Rosa, CA 95404

707.544.0784

www.ebagroup.com

We would be pleased to provide additional information or discuss any aspect of our services and experience at your request. Thank you this opportunity to submit our qualifications for your consideration.

Sincerely,

EBA ENGINEERING

A handwritten signature in blue ink, appearing to read "Damon Morelli".

Damon Morelli, PE 63621, Vice President / Principal Engineer
Primary Contact for Civil Engineering & Surveying Services
825 Sonoma Avenue, Santa Rosa, CA 95404
P: 707.544.0784, ext. 130 | E: dmorelli@ebagroup.com

A handwritten signature in blue ink, appearing to read "David Noren".

David Noren, Vice President / Environmental Services Manager
Primary Contact for Environmental Services
P: 707.544.0784, ext. 107 | E: dnoren@ebagroup.com



Lake County Public
Services Department
333 Second Street
Lakeport, CA 95453

Email:
facilities@lakecountycalifornia.gov



EBA ENGINEERING

825 Sonoma Avenue
Santa Rosa, CA 95404
707.544.0784
www.ebagroup.com

Addendum Acknowledgment

Addendum No. 1 issued
on September 25, 2024
was received.

October 7, 2024

RE: Request for Qualifications for On-Call Civil Engineering Services

EBA Engineering (EBA) is pleased to present our Statement of Qualifications (SOQ) to provide professional civil engineering, land surveying, environmental permitting/compliance, water and wastewater engineering, project management, construction inspection, and other related services to support Lake County.

EBA is a multi-disciplinary firm specializing in sustainable solutions for an evolving world. With over 45 years in business and deep experience on a wide variety of projects throughout California, EBA has the expertise and relationships to drive any assigned project to a successful outcome. Currently, EBA holds on-call contracts with numerous municipalities including the counties of Sonoma, Mendocino, and Del Norte and the cities of Santa Rosa, Lakeport, Willits, Arcata, Crescent City, and Ukiah.

EBA's civil, environmental, and geologic professionals work in tandem to provide you with the depth of experience and a wealth of knowledge to tackle even your toughest project challenges. Our constant involvement with the regulatory agencies ensures that your project stays on track to meet time and budget goals.

EBA's available services for consideration under this on-call contract include one or more of the following:

- ▶ Civil Engineering & Land Surveying
- ▶ Construction Management & Inspection
- ▶ Environmental Assessments & Compliance
- ▶ Geologic & Hydrogeologic Services
- ▶ Soil & Groundwater Remediation
- ▶ Stormwater Management

The following SOQ describes our professional team and approach to projects. EBA is highly qualified and expertly staffed to undertake the anticipated engineering environmental, and geologic/hydrogeologic services that may occur under this contract.

Damon Morelli, Vice President and Principal Engineer, will serve as the primary point of contact for Civil Engineering and Surveying Services. David Noren, Vice President and Environmental Services Manager, will serve as the primary point of contact for Environmental Services. Their contact information may be found on the following page.





TABLE OF CONTENTS

	Cover Letter
1	Organization Chart
2	Firm Description <ul style="list-style-type: none">▶ Firm Profile▶ Relevant Services<ul style="list-style-type: none">» Civil Engineering / Land Surveying» Environmental Services» Geologic & Hydrogeologic Services
3	Key Personnel Resumes
4	Experience
5	Billing Rates
6	Agreement



STATEMENT OF QUALIFICATIONS FOR COUNTY OF LAKE



ON-CALL CIVIL ENGINEERING SERVICES

October 7, 2024

EBA ENGINEERING
825 Sonoma Avenue, Santa Rosa, CA 95404
707.544.0784 | www.ebagroup.com