CLACKAMAS
WATER ENVIRONMENT SERVICES

GREGORY L. GEIST | DIRECTOR
Water Quality Protection
Surface Water Management
Wastewater Collection & Treatment

September 4, 2025 BCC Agenda Date/Item: _____

Board of County Commissioners
Acting as the governing body of Water Environment Services
Clackamas County

Approval of a Personal Services Contract with David Evans and Associates for on-call engineering services. Contract Value is $2,000,000 for 5 years. Funding is through Water Environment Services Construction Fund and Operating Fund.
No County General Funds are involved.

Previous Board Action/Review	N/A		
Performance Clackamas	1. This project supports the WES Strategic Plan Goal to strategically plan and execute capital projects to meet the growth, reliability, and regulatory needs of our service area at the lowest-life cycle cost. 2. This project supports the County's Strategic Priorities of Strong Infrastructure, Vibrant Economy, and Safe, Secure and Livable Communities.		
Counsel Review	Yes	**Procurement Review**	Yes
Contact Person	Jeff Stallard	**Contact Phone**	503-742-4694

EXECUTIVE SUMMARY: WES frequently encounters unanticipated projects and urgent engineering needs that arise outside of the annual planning and capital improvement process. These can include emergency repair design, regulatory compliance support, specialty technical analysis, and smaller capital or operational projects.

Under the current procurement process, engaging engineering services for these smaller or urgent projects often requires repetitive contracting efforts, which can be time-consuming and delay project delivery. Establishing on-call contracts will allow WES to streamline procurement, improve efficiency, and ensure timely response to our needs.

We conducted a competitive solicitation process to identify qualified engineering firms capable of providing services in four categories, Wastewater Conveyance and Treatment Engineering, Water Resources Engineering, Engineering Construction Services, and Wastewater Process Engineering and Operational Support. Work in these categories will include a wide range of services, including planning, design, permitting, and construction support. Multiple firms were selected to ensure adequate availability,

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specialized expertise, and competitive pricing.

The on-call contracts do not obligate funding at the time of award. Task orders issued under these contracts will be funded through approved operating or capital project budgets.

RECOMMENDATION: Staff recommends that the Board of County Commissioners of Clackamas County, acting as the governing body of Water Environment Services, approve Contract #1278 with David Evans and Associates, Inc. for engineering on-call services.

Respectfully submitted,

Greg Geist
Director, WES

Attachment: Contract #1278 David Evans and Associates, Inc.

WATER ENVIRONMENT SERVICES
PERSONAL SERVICES CONTRACT
Contract #0000001278

This Personal Services Contract (this "Contract") is entered into between David Evans and Associates, Inc. ("Contractor"), and Water Environment Services, an intergovernmental entity formed pursuant to ORS Chapter 190 ("District").

ARTICLE I.

1. **Effective Date and Duration.** This Contract shall become effective upon signature of both parties. Unless earlier terminated or extended, this Contract shall expire on **June 30, 2030**.

2. **Scope of Work.** Contractor shall provide On-Call Engineering Services ("Work"), further described in **Exhibit A.** The Contractor is approved to provide services for the following classes of Work:

   ☒ 1) Wastewater Conveyance and Treatment Engineering
   ☒ 2) Water Resources Engineering
   ☐ 3) Engineering Construction Services
   ☐ 4) Wastewater Process Engineering and Operational Support

   This Contract is on an "on-call" or "as-needed basis" for Work.

   When the District wishes Contractor to perform the Work, the District will submit an official Clackamas District Task Order form (found at: https://www.clackamas.us/finance/terms.html) detailing the scope of Work, the entity on whose behalf the Work will be performed, and the total compensation, pursuant to the fee schedule set forth in this Contract. Contractor may not perform Work until the County Task Order form has been executed by the parties. In the event a project authorized under the County Task Order extends beyond the expiration of this Contract, the County Task Order shall remain in effect under the terms of this Contract until the completion or expiration of the authorized task.

   No task order shall modify or amend the terms and conditions of this Contract.

3. **Consideration.** The District agrees to pay Contractor, from available and authorized funds, a sum not to exceed **two million dollars ($2,000,000.00)** for accomplishing the Work required by this Contract. Because this is an on-call or as-needed contract, and the exact amount of Work needed, if any, is unknown, nothing herein shall be construed as a promise to pay Contractor the full $2,000,000.00 authorized herein. Consideration rates are on a time and materials basis in accordance with the rates and costs specified in Exhibit A. If any interim payments to Contractor are made, such payments shall be made only in accordance with the schedule and requirements in Exhibit A.

4. **Invoices and Payments.** Unless otherwise specified, Contractor shall submit monthly invoices for Work performed. Invoices shall describe all Work performed with particularity, by whom it was performed, and shall itemize and explain all expenses for which reimbursement is claimed. The invoices shall include the total amount billed to date by Contractor prior to the current invoice. If Contractor fails to present invoices in proper form within sixty (60) calendar days after the end of the month in which the services were rendered, Contractor waives any rights to present such invoice thereafter and to receive payment therefor. Payments shall be made in accordance with ORS 293.462 to Contractor following the District's review and approval of invoices submitted by Contractor. Contractor shall not submit invoices for, and the District will not be obligated to pay, any amount in excess of the maximum compensation amount set forth above. If this maximum compensation

amount is increased by amendment of this Contract, the amendment must be fully effective before Contractor performs Work subject to the amendment.

Invoices shall reference the above Contract Number and be submitted to: Wes-Payables@clackamas.us

5. **Travel and Other Expense.** Authorized: ☐ Yes ☒ No
If travel expense reimbursement is authorized in this Contract, such expense shall only be reimbursed at the rates in the Clackamas County Contractor Travel Reimbursement Policy, hereby incorporated by reference and found at: https://www.clackamas.us/finance/terms.html. Travel expense reimbursement is not in excess of the not to exceed consideration.

6. **Contract Documents.** This Contract consists of the following documents, which are listed in descending order of precedence and are attached and incorporated by reference, this Contract, Exhibit A, and Exhibit B. Unless explicitly agreed to by the parties in this Contract, any additional terms and conditions that may be contained in Exhibit A are void.

7. **Contractor and District Contacts.**

Contractor	District
Administrator: Doug Gates Phone: 503-499-0373 Email: dbg@deainc.com	Administrator: TDB Phone: Email:

Payment information will be reported to the Internal Revenue Service ("IRS") under the name and taxpayer ID number submitted. (See I.R.S. 1099 for additional instructions regarding taxpayer ID numbers.) Information not matching IRS records will subject Contractor payments to backup withholding.

ARTICLE II.

1. **Access to Records.** Contractor shall maintain books, records, documents, and other evidence, in accordance with generally accepted accounting procedures and practices, sufficient to reflect properly all costs of whatever nature claimed to have been incurred and anticipated to be incurred in the performance of this Contract. District and their duly authorized representatives shall have access to the books, documents, papers, and records of Contractor, which are directly pertinent to this Contract for the purpose of making audit, examination, excerpts, and transcripts. Contractor shall maintain such books and records for a minimum of six (6) years, or such longer period as may be required by applicable law, following final payment and termination of this Contract, or until the conclusion of any audit, controversy or litigation arising out of or related to this Contract, whichever date is later.

2. **Availability of Future Funds.** Any continuation or extension of this Contract after the end of the fiscal period in which it is written is contingent on a new appropriation for each succeeding fiscal period sufficient to continue to make payments under this Contract, as determined by the District in its sole administrative discretion.

3. **Captions.** The captions or headings in this Contract are for convenience only and in no way define, limit, or describe the scope or intent of any provisions of this Contract.

4. **Compliance with Applicable Law.** Contractor shall comply with all applicable federal, state and local laws, regulations, executive orders, and ordinances, as such may be amended from time to time.

5. **Counterparts.** This Contract may be executed in several counterparts (electronic or otherwise), each of which shall be an original, all of which shall constitute the same instrument.

6. **Governing Law.** This Contract, and all rights, obligations, and disputes arising out of it, shall be governed and construed in accordance with the laws of the State of Oregon and the ordinances of Clackamas County without regard to principles of conflicts of law. Any claim, action, or suit between District and Contractor that arises out of or relates to the performance of this Contract shall be brought and conducted solely and exclusively within the Circuit Court for Clackamas County, for the State of Oregon. Provided, however, that if any such claim, action, or suit may be brought in a federal forum, it shall be brought and conducted solely and exclusively within the United States District Court for the District of Oregon. In no event shall this section be construed as a waiver by the District of any form of defense or immunity, whether sovereign immunity, governmental immunity, immunity based on the Eleventh Amendment to the Constitution of the United States or otherwise, from any claim or from the jurisdiction of any court. Contractor, by execution of this Contract, hereby consents to the personal jurisdiction of the courts referenced in this section.

7. **Indemnity, Responsibility for Damages.** Contractor shall be responsible for all damage to property, injury to persons, and loss, expense, inconvenience, and delay which may be caused by, or result from, the negligent act, or omission of Contractor, its subcontractors, agents, or employees. The Contractor agrees to indemnify and defend the District and Clackamas County, and their officers, elected officials, agents and employees from and against all claims, actions, losses, liabilities, including reasonable attorney and accounting fees, and all expenses incidental to the investigation and defense thereof, arising out of or based upon Contractor's negligent acts or omissions in performing under this Contract. Provided, however, that pursuant to ORS 30.140(4), Contractor's duty to defend obligations arising from or related to Contractor's professional negligence, or related to professional services provided by Contractor, are limited to reimbursement of reasonable defense costs (including reasonable attorney fees) of District and Clackamas County in an amount not to exceed the proportionate fault of Contractor, as determined by adjudication, alternative dispute resolution, or otherwise resolved by settlement agreement.

   However, neither Contractor nor any attorney engaged by Contractor shall defend the claim in the name of District or Clackamas County ("County"), purport to act as legal representative of District or County, or settle any claim on behalf of District or County, without the approval of the Clackamas County Counsel's Office. District or County may assume their own defense and settlement at their election and expense.

8. **Independent Contractor Status.** The service(s) to be rendered under this Contract are those of an independent contractor. Although the District reserves the right to determine (and modify) the delivery schedule for the Work to be performed and to evaluate the quality of the completed performance, District cannot and will not control the means or manner of Contractor's performance. Contractor is responsible for determining the appropriate means and manner of performing the Work. Contractor is not to be considered an agent or employee of District for any purpose, including, but not limited to: (A) The Contractor will be solely responsible for payment of any Federal or State taxes required as a result of this Contract; and (B) This Contract is not intended to entitle the Contractor to any benefits generally granted to District employees, including, but not limited to, vacation, holiday and sick leave, other leaves with pay, tenure, medical and dental coverage, life and disability insurance, overtime, Social Security, Workers' Compensation, unemployment compensation, or retirement benefits.

9. **Insurance.** Contractor shall secure at its own expense and keep in effect during the term of the performance under this Contract the insurance required and minimum coverage indicated below. The insurance requirements outlined below do not in any limit the amount of scope of liability of Contractor under this Contract. Contractor shall provide proof of said insurance and name the District

and Clackamas County as an additional insureds on all required commercial general liability and automobile liability policies. Proof of insurance and notice of any material change that does not meet the requirements of this Agreement should be submitted to the following address: Clackamas County Procurement Division, 2051 Kaen Road, Oregon City, OR 97045 or the County Contract Analyst.

Required - Workers Compensation: Contractor shall comply with the statutory workers' compensation requirements in ORS 656.017, unless exempt under ORS 656.027 or 656.126.
☒ Required – Commercial General Liability: combined single limit, or the equivalent, of not less than $1,000,000 per claim, with an annual aggregate limit of $2,000,000 for Bodily Injury and Property Damage.
☒ Required – Professional Liability: combined single limit, or the equivalent, of not less than $1,000,000 per claim, with an annual aggregate limit of $2,000,000 for damages caused by caused by negligent acts, error, or omissions.
☒ Required – Automobile Liability: combined single limit, or the equivalent, of not less than $1,000,000 per accident for Bodily Injury and Property Damage.

The commercial general liability and automobile liability policy(s) shall be primary insurance as respects to the District. Any insurance or self-insurance maintained by the District shall be excess and shall not contribute to it. Any obligation that District agree to a waiver of subrogation is hereby stricken.

10. **Limitation of Liabilities.** This Contract is expressly subject to the debt limitation of Oregon counties set forth in Article XI, Section 10, of the Oregon Constitution, and is contingent upon funds being appropriated therefore. Any provisions herein which would conflict with law are deemed inoperative to that extent. Except for liability arising under or related to Article II, Section 13 or Section 20 neither party shall be liable for (i) any indirect, incidental, consequential or special damages under this Contract or (ii) any damages of any sort arising solely from the termination of this Contact in accordance with its terms.

11. **Notices.** Except as otherwise provided in this Contract, any required notices between the parties shall be given in writing by personal delivery, email, or mailing the same, to the Contract Administrators identified in Article 1, Section 6. If notice is sent to District, a copy shall also be sent to: Clackamas County Procurement, 2051 Kaen Road, Oregon City, OR 97045. Any communication or notice so addressed and mailed shall be deemed to be given five (5) days after mailing, and immediately upon personal delivery, or within 2 hours after the email is sent during District's normal business hours (Monday – Thursday, 7:00 a.m. to 6:00 p.m.) (as recorded on the device from which the sender sent the email), unless the sender receives an automated message or other indication that the email has not been delivered.

12. **Ownership of Work Product.** All work product of Contractor that results from this Contract (the "Work Product") is the exclusive property of District. District and Contractor intend that such Work Product be deemed "work made for hire" of which District shall be deemed the author. If for any reason the Work Product is not deemed "work made for hire," Contractor hereby irrevocably assigns to District all of its right, title, and interest in and to any and all of the Work Product, whether arising from copyright, patent, trademark or trade secret, or any other state or federal intellectual property law or doctrine. Contractor shall execute such further documents and instruments as District may reasonably request in order to fully vest such rights in District. Contractor forever waives any and all rights relating to the Work Product, including without limitation, any and all rights arising under 17 USC § 106A or any other rights of identification of authorship or rights of approval, restriction or limitation on use or subsequent modifications. Notwithstanding the above, District shall have no rights in any pre-existing Contractor intellectual property provided to District by Contractor in the performance of this Contract except to copy, use and re-use any such Contractor intellectual property

for District use only. Any reuse or modification of the Work Product without the prior written consent of Contractor shall be at the sole risk of District.

13. **Representations and Warranties.** Contractor represents and warrants to District that (A) Contractor has the power and authority to enter into and perform this Contract; (B) this Contract, when executed and delivered, shall be a valid and binding obligation of Contractor enforceable in accordance with its terms; (C) Contractor shall at all times during the term of this Contract, be qualified, professionally competent, and duly licensed to perform the Work; (D) Contractor is an independent contractor as defined in ORS 670.600; and (E) the Work under this Contract shall be performed in accordance with the standard of professional skill and care required for a project of similar size, location, scope, and complexity, during the time in which the Work is being performed. The warranties set forth in this section are in addition to, and not in lieu of, any other warranties provided. The Contractor shall be responsible for the technical accuracy of its services and documents resulting therefrom, and District shall not be responsible for discovering deficiencies therein. The Contractor shall correct such deficiencies without additional compensation except to the extent such action is directly attributable to deficiencies in information furnished by the District.

14. **Survival.** All rights and obligations shall cease upon termination or expiration of this Contract, except for the rights and obligations set forth in Article II, Sections 1, 6, 7, 10, 12, 13, 14, 15, 17, 20, 21, 25, 27, 28 and 32, and all other rights and obligations which by their context are intended to survive. However, such expiration shall not extinguish or prejudice the District's right to enforce this Contract with respect to: (a) any breach of a Contractor warranty; or (b) any default or defect in Contractor performance that has not been cured.

15. **Severability.** If any term or provision of this Contract is declared by a court of competent jurisdiction to be illegal or in conflict with any law, the validity of the remaining terms and provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Contract did not contain the particular term or provision held to be invalid.

16. **Subcontracts and Assignments.** Contractor shall not enter into any subcontracts for any of the Work required by this Contract, or assign or transfer any of its interest in this Contract by operation of law or otherwise, without obtaining prior written approval from the District, which shall be granted or denied in the District's sole discretion. In addition to any provisions the District may require, Contractor shall include in any permitted subcontract under this Contract a requirement that the subcontractor be bound by this Article II, Sections 1, 7, 8, 13, 16, and 27 as if the subcontractor were the Contractor. District's consent to any subcontract shall not relieve Contractor of any of its duties or obligations under this Contract.

17. **Successors in Interest.** The provisions of this Contract shall be binding upon and shall inure to the benefit of the parties hereto, and their respective authorized successors and assigns.

18. **Tax Compliance Certification.** The Contractor shall comply with all federal, state and local laws, regulation, executive orders and ordinances applicable to this Contract. Contractor represents and warrants that it has complied, and will continue to comply throughout the duration of this Contract and any extensions, with all tax laws of this state or any political subdivision of this state, including but not limited to ORS 305.620 and ORS chapters 316, 317, and 318. Any violation of this section shall constitute a material breach of this Contract and shall entitle District to terminate this Contract, to pursue and recover any and all damages that arise from the breach and the termination of this Contract, and to pursue any or all of the remedies available under this Contract or applicable law.

19. **Termination.** This Contract may be terminated for the following reasons: (A) by mutual agreement of the parties or by the District (i) for convenience upon thirty (30) days written notice to Contractor, or (ii) at any time the District fails to receive funding, appropriations, or other expenditure authority

as solely determined by the District; or (B) if Contractor breaches any Contract provision or is declared insolvent, District may terminate after thirty (30) days written notice with an opportunity to cure.

Upon receipt of written notice of termination from the District, Contractor shall immediately stop performance of the Work. Upon termination of this Contract, Contractor shall deliver to District all documents, Work Product, information, works-in-progress and other property that are or would be deliverables had the Contract Work been completed. Upon District's request, Contractor shall surrender to anyone District designates, all documents, research, objects or other tangible things needed to complete the Work.

20. **Remedies.** If terminated by the District due to a breach by the Contractor, then the District shall have any remedy available to it in law or equity. If this Contract is terminated for any other reason, Contractor's sole remedy is payment for the goods and services delivered and accepted by the District, less any setoff to which the District is entitled.

21. **No Third Party Beneficiaries.** District and Contractor are the only parties to this Contract and are the only parties entitled to enforce its terms. Nothing in this Contract gives, is intended to give, or shall be construed to give or provide any benefit or right, whether directly, indirectly or otherwise, to third persons unless such third persons are individually identified by name herein and expressly described as intended beneficiaries of the terms of this Contract.

22. **Time is of the Essence.** Contractor agrees that time is of the essence in the performance this Contract.

23. **Foreign Contractor.** If the Contractor is not domiciled in or registered to do business in the State of Oregon, Contractor shall promptly provide to the Oregon Department of Revenue and the Secretary of State, Corporate Division, all information required by those agencies relative to this Contract. The Contractor shall demonstrate its legal capacity to perform these services in the State of Oregon prior to entering into this Contract.

24. **Force Majeure.** Neither District nor Contractor shall be held responsible for delay or default caused by events outside the District or Contractor's reasonable control including, but not limited to, fire, terrorism, riot, epidemics, diseases, public health emergencies, acts of government, acts of God, or war. However, Contractor shall make all reasonable efforts to remove or eliminate such a cause of delay or default and shall upon the cessation of the cause, diligently pursue performance of its obligations under this Contract.

25. **Waiver.** The failure of District to enforce any provision of this Contract shall not constitute a waiver by District of that or any other provision.

26. **Public Contracting Requirements.** Pursuant to the public contracting requirements contained in Oregon Revised Statutes ("ORS") Chapter 279B.220 through 279B.235, Contractor shall:
    a. Make payments promptly, as due, to all persons supplying to Contractor labor or materials for the prosecution of the work provided for in the Contract.
    b. Pay all contributions or amounts due the Industrial Accident Fund from such Contractor or subcontractor incurred in the performance of the Contract.
    c. Not permit any lien or claim to be filed or prosecuted against District on account of any labor or material furnished.
    d. Pay the Department of Revenue all sums withheld from employees pursuant to ORS 316.167.
    e. As applicable, the Contractor shall pay employees for work in accordance with ORS 279B.235, which is incorporated herein by this reference. The Contractor shall comply with the prohibitions set forth in ORS 652.220, compliance of which is a material

element of this Contract, and failure to comply is a breach entitling District to terminate this Contract for cause.

f. If the Work involves lawn and landscape maintenance, Contractor shall salvage, recycle, compost, or mulch yard waste material at an approved site, if feasible and cost effective.

27. **No Attorney Fees**. In the event any arbitration, action or proceeding, including any bankruptcy proceeding, is instituted to enforce any term of this Contract, each party shall be responsible for its own attorneys' fees and expenses.

28. **Reserved.**

29. **Reserved.**

30. **Key Persons.** Contractor acknowledges and agrees that a significant reason the District is entering into this Contract is because of the special qualifications of certain Key Persons set forth in the contract. Under this Contract, the District is engaging the expertise, experience, judgment, and personal attention of such Key Persons. Neither Contractor nor any of the Key Persons shall delegate performance of the management powers and responsibilities each such Key Person is required to provide under this Contract to any other employee or agent of the Contractor unless the District provides prior written consent to such delegation. Contractor shall not reassign or transfer a Key Person to other duties or positions such that the Key Person is no longer available to provide the District with such Key Person's services unless the District provides prior written consent to such reassignment or transfer.

31. **Reserved.**

32. **Merger.** THIS CONTRACT CONSTITUTES THE ENTIRE AGREEMENT BETWEEN THE PARTIES WITH RESPECT TO THE SUBJECT MATTER REFERENCED THEREIN. THERE ARE NO UNDERSTANDINGS, AGREEMENTS, OR REPRESENTATIONS, ORAL OR WRITTEN, NOT SPECIFIED HEREIN REGARDING THIS CONTRACT. NO AMENDMENT, CONSENT, OR WAIVER OF TERMS OF THIS CONTRACT SHALL BIND EITHER PARTY UNLESS IN WRITING AND SIGNED BY ALL PARTIES. ANY SUCH AMENDMENT, CONSENT, OR WAIVER SHALL BE EFFECTIVE ONLY IN THE SPECIFIC INSTANCE AND FOR THE SPECIFIC PURPOSE GIVEN. CONTRACTOR, BY THE SIGNATURE HERETO OF ITS AUTHORIZED REPRESENTATIVE, IS AN INDEPENDENT CONTRACTOR, ACKNOWLEDGES HAVING READ AND UNDERSTOOD THIS CONTRACT, AND CONTRACTOR AGREES TO BE BOUND BY ITS TERMS AND CONDITIONS.

By their signatures below, the parties to this Contract agree to the terms, conditions, and content expressed herein.

David Evans and Associates, Inc.	Water Environment Services
7/1/2025	
Authorized Signature Date	Signature Date
Craig Sheahan, Vice President	Name:
Name / Title (Printed) Douglas Gates, Associate	Title:
114015-10	
Oregon Business Registry #	Approved as to Form:

DBC/Oregon		7/1/2025
Entity Type / State of Formation	County Counsel	Date

EXHIBIT A
RFP 2025-01
Water Environment Services Engineering Master Contract
On-Call Engineering Services
Published January 27, 2025

REQUEST FOR PROPOSALS #2025-01

FOR

Water Environment Services Engineering Master Contract
On-Call Engineering Services

BOARD OF COUNTY COMMISSIONERS
CRAIG ROBERTS, Chair
PAUL SAVAS, Commissioner
MELISSA FIRESIDE, Commissioner
MARTHA SCHRADER, Commissioner
BEN WEST, Commissioner

Gary Schmidt
County Administrator

Ryan Rice
Contract Analyst

PROPOSAL CLOSING DATE, TIME AND LOCATION

DATE: **February 20, 2025**

TIME: **2:00 PM, Pacific Time**

PLACE: **Email:** https://bidlocker.us/a/clackamascounty/BidLocker

SCHEDULE

Request for Proposals Issued…….....January 27, 2025

Protest of Specifications Deadline.....February 3, 2025, 5:00 PM, Pacific Time

Deadline to Submit Clarifying Questions.....February 13, 2025, 5:00 PM, Pacific Time

Request for Proposals Closing Date and Time…….....February 20, 2025, 2:00 PM, Pacific Time

Deadline to Submit Protest of Award.....Seven (7) days from the Intent to Award

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SECTION 1
NOTICE OF REQUEST FOR PROPOSALS

Notice is hereby given that Water Environment Services ("WES"), through its Board of County Commissioners, will receive sealed Proposals per specifications until **2:00 PM, February 20, 2025** ("Closing"), to provide On-Call Engineering Services. No Proposals will be received or considered after that time.

RFP Documents can be downloaded from the state of Oregon procurement website ("OregonBuys") at the following address https://oregonbuys.gov/bso/view/login/login.xhtml, Document No. S-C01010-00012654.

Prospective Proposers will need to sign in to download the information and that information will be accumulated for a Plan Holder's List. Prospective Proposers are responsible for obtaining any Addenda, clarifying questions, and Notices of Award from OregonBuys. Sealed Proposals are to be emailed to https://bidlocker.us/a/clackamascounty/BidLocker.

Submitting Proposals: Bid Locker

Proposals will only be accepted electronically thru a secure online bid submission service, **Bid Locker**. *Email submissions to Clackamas County email addresses will no longer be accepted.*

A. Completed proposal documents must arrive electronically via Bid Locker located at https://bidlocker.us/a/clackamascounty/BidLocker.
B. Bid Locker will electronically document the date and time of all submissions. Completed documents must arrive by the deadline indicated in Section 1 or as modified by Addendum. LATE PROPOSALS WILL NOT BE ACCEPTED.
C. Proposers must register and create a profile for their business with Bid Locker in order to submit for this project. It is free to register for Bid Locker.
D. Proposers with further questions concerning Bid Locker may review the Vendor's Guide located at https://www.clackamas.us/how-to-bid-on-county-projects .

Contact Information

Procurement Process and Technical Questions: Ryan Rice, rrice@clackamas.us

The Board of County Commissioners reserves the right to reject any and all Proposals not in compliance with all prescribed public bidding procedures and requirements, and may reject for good cause any and all Proposals upon the finding that it is in the public interest to do so and to waive any and all informalities in the public interest. In the award of the contract, the Board of County Commissioners will consider the element of time, will accept the Proposal or Proposals which in their estimation will best serve the interests of Clackamas County and will reserve the right to award the contract to the contractor whose Proposal shall be best for the public good.

Clackamas County encourages proposals from Minority, Women, and Emerging Small Businesses.

SECTION 2
INSTRUCTIONS TO PROPOSERS

Clackamas County ("County") reserves the right to reject any and all Proposals received as a result of this RFP. County Local Contract Review Board Rules ("LCRB") govern the procurement process for the County.

2.1 Modification or Withdrawal of Proposal: Any Proposal may be modified or withdrawn at any time prior to the Closing deadline, provided that a written request is received by the County Procurement Division Director, prior to the Closing. The withdrawal of a Proposal will not prejudice the right of a Proposer to submit a new Proposal.

2.2 Requests for Clarification and Requests for Change: Proposers may submit questions regarding the specifications of the RFP. Questions must be received in writing on or before 5:00 p.m. (Pacific Time), on the date indicated in the Schedule, at the Procurement Division address as listed in Section 1 of this RFP. Requests for changes must include the reason for the change and any proposed changes to the requirements. The purpose of this requirement is to permit County to correct, prior to the opening of Proposals, RFP terms or technical requirements that may be unlawful, improvident or which unjustifiably restrict competition. County will consider all requested changes and, if appropriate, amend the RFP. No oral or written instructions or information concerning this RFP from County managers, employees or agents to prospective Proposers shall bind County unless included in an Addendum to the RFP.

2.3 Protests of the RFP/Specifications: Protests must be in accordance with LCRB C-047-0730. Protests of Specifications must be received in writing on or before 5:00 p.m. (Pacific Time), on the date indicated in the Schedule, or within three (3) business days of issuance of any addendum, at the Procurement Division address listed in Section 1 of this RFP. Protests may not be faxed. Protests of the RFP specifications must include the reason for the protest and any proposed changes to the requirements.

2.4 Addenda: If any part of this RFP is changed, an addendum will be provided to Proposers that have provided an address to the Procurement Division for this procurement. It shall be Proposers responsibility to regularly check OregonBuys for any notices, published addenda, or response to clarifying questions.

2.5 Submission of Proposals: Proposals must be submitted in accordance with Section 5. All Proposals shall be legibly written in ink or typed and comply in all regards with the requirements of this RFP. Proposals that include orders or qualifications may be rejected as irregular. All Proposals must include a signature that affirms the Proposer's intent to be bound by the Proposal (may be on cover letter, on the Proposal, or the Proposal Certification Form) shall be signed. If a Proposal is submitted by a firm or partnership, the name and address of the firm or partnership shall be shown, together with the names and addresses of the members. If the Proposal is submitted by a corporation, it shall be signed in the name of such corporation by an official who is authorized to bind the contractor. The Proposals will be considered by the County to be submitted in confidence and are not subject to public disclosure until the notice of intent to award has been issued.

No late Proposals will be accepted. Proposals submitted after the Closing will be considered late and will be returned unopened. Proposals may not be submitted by telephone or fax.

2.6 Post-Selection Review and Protest of Award: County will name the apparent successful Proposer in a Notice of Intent to Award published on OregonBuys. Identification of the apparent successful Proposer is procedural only and creates no right of the named Proposer to award of the contract. Competing Proposers shall be given seven (7) calendar days from the date on the Notice of Intent to Award to review the file at the Procurement Division office and file a written protest of award, pursuant to LCRB C-047-0740. Any award protest must be in writing and must be delivered by hand-delivery or mail to the address for the Procurement Division as listed in Section 1 of this RFP.

Only actual Proposers may protest if they believe they have been adversely affected because the Proposer would be eligible to be awarded the contract in the event the protest is successful. The basis of the written protest must

be in accordance with ORS 279B.410 and shall specify the grounds upon which the protest is based. In order to be an adversely affected Proposer with a right to submit a written protest, a Proposer must be next in line for award, i.e. the protester must claim that all higher rated Proposers are ineligible for award because they are non-responsive or non-responsible.

County will consider any protests received and:

a. reject all protests and proceed with final evaluation of, and any allowed contract language negotiation with, the apparent successful Proposer and, pending the satisfactory outcome of this final evaluation and negotiation, enter into a contract with the named Proposer; OR
b. sustain a meritorious protest(s) and reject the apparent successful Proposer as nonresponsive, if such Proposer is unable to demonstrate that its Proposal complied with all material requirements of the solicitation and Oregon public procurement law; thereafter, County may name a new apparent successful Proposer; OR
c. reject all Proposals and cancel the procurement.

2.7 Acceptance of Contractual Requirements: Failure of the selected Proposer to execute a contract and deliver required insurance certificates within ten (10) calendar days after notification of an award may result in cancellation of the award. This time period may be extended at the option of County.

2.8 Public Records: Proposals are deemed confidential until the "Notice of Intent to Award" letter is issued. This RFP and one copy of each original Proposal received in response to it, together with copies of all documents pertaining to the award of a contract, will be kept and made a part of a file or record which will be open to public inspection. If a Proposal contains any information that is considered a **TRADE SECRET** under ORS 192.345(2), **SUCH INFORMATION MUST BE LISTED ON A SEPARATE SHEET CAPABLE OF SEPARATION FROM THE REMAINING PROPOSAL AND MUST BE CLEARLY MARKED WITH THE FOLLOWING LEGEND:**

"This information constitutes a trade secret under ORS 192.345(2), and shall not be disclosed except in accordance with the Oregon Public Records Law, ORS Chapter 192."

The Oregon Public Records Law exempts from disclosure only bona fide trade secrets, and the exemption from disclosure applies only "unless the public interest requires disclosure in the particular instance" (ORS 192.345). Therefore, non-disclosure of documents, or any portion of a document submitted as part of a Proposal, may depend upon official or judicial determinations made pursuant to the Public Records Law.

2.9 Investigation of References: County reserves the right to investigate all references in addition to those supplied references and investigate past performance of any Proposer with respect to its successful performance of similar services, its compliance with specifications and contractual obligations, its completion or delivery of a project on schedule, its lawful payment of subcontractors and workers, and any other factor relevant to this RFP. County may postpone the award or the execution of the contract after the announcement of the apparent successful Proposer in order to complete its investigation.

2.10 RFP Proposal Preparation Costs and Other Costs: Proposer costs of developing the Proposal, cost of attendance at an interview (if requested by County), or any other costs are entirely the responsibility of the Proposer, and will not be reimbursed in any manner by County.

2.11 Clarification and Clarity: County reserves the right to seek clarification of each Proposal, or to make an award without further discussion of Proposals received. Therefore, it is important that each Proposal be submitted initially in the most complete, clear, and favorable manner possible.

2.12 Right to Reject Proposals: County reserves the right to reject any or all Proposals or to withdraw any item from the award, if such rejection or withdrawal would be in the public interest, as determined by County.

2.13 Cancellation: County reserves the right to cancel or postpone this RFP at any time or to award no contract.

2.14 Proposal Terms: All Proposals, including any price quotations, will be valid and firm through a period of one hundred and eighty (180) calendar days following the Closing date. County may require an extension of this firm offer period. Proposers will be required to agree to the longer time frame in order to be further considered in the procurement process.

2.15 Oral Presentations: At County's sole option, Proposers may be required to give an oral presentation of their Proposals to County, a process which would provide an opportunity for the Proposer to clarify or elaborate on the Proposal but will in no material way change Proposer's original Proposal. If the evaluating committee requests presentations, the Procurement Division will schedule the time and location for said presentation. Any costs of participating in such presentations will be borne solely by Proposer and will not be reimbursed by County. **Note:** Oral presentations are at the discretion of the evaluating committee and may not be conducted; therefore, **written Proposals should be complete.**

2.16 Usage: It is the intention of County to utilize the services of the successful Proposer(s) to provide services as outlined in the below Scope of Work.

2.17 Review for Responsiveness: Upon receipt of all Proposals, the Procurement Division or designee will determine the responsiveness of all Proposals before submitting them to the evaluation committee. If a Proposal is incomplete or non-responsive in significant part or in whole, it will be rejected and will not be submitted to the evaluation committee. County reserves the right to determine if an inadvertent error is solely clerical or is a minor informality which may be waived, and then to determine if an error is grounds for disqualifying a Proposal. The Proposer's contact person identified on the Proposal will be notified, identifying the reason(s) the Proposal is non-responsive. One copy of the Proposal will be archived and all others discarded.

2.18 RFP Incorporated into Contract: This RFP will become part of the Contract between County and the selected contractor(s). The contractor(s) will be bound to perform according to the terms of this RFP, their Proposal(s), and the terms of the Sample Contract.

2.19 Communication Blackout Period: Except as called for in this RFP, Proposers may not communicate with members of the Evaluation Committee or other County employees or representatives about the RFP during the procurement process until the apparent successful Proposer is selected, and all protests, if any, have been resolved. Communication in violation of this restriction may result in rejection of a Proposer.

2.20 Prohibition on Commissions and Subcontractors: County will contract directly with persons/entities capable of performing the requirements of this RFP. Contractors must be represented directly. Participation by brokers or commissioned agents will not be allowed during the Proposal process. Contractor shall not use subcontractors to perform the Work unless specifically pre-authorized in writing to do so by the County. Contractor represents that any employees assigned to perform the Work, and any authorized subcontractors performing the Work, are fully qualified to perform the tasks assigned to them, and shall perform the Work in a competent and professional manner. Contractor shall not be permitted to add on any fee or charge for subcontractor Work. Contractor shall provide, if requested, any documents relating to subcontractor's qualifications to perform required Work.

2.21 Ownership of Proposals: All Proposals in response to this RFP are the sole property of County, and subject to the provisions of ORS 192.410-192.505 (Public Records Act).

2.22 Clerical Errors in Awards: County reserves the right to correct inaccurate awards resulting from its clerical errors.

2.23 Rejection of Qualified Proposals: Proposals may be rejected in whole or in part if they attempt to limit or modify any of the terms, conditions, or specifications of the RFP or the Sample Contract.

2.24 Collusion: By responding, the Proposer states that the Proposal is not made in connection with any competing Proposer submitting a separate response to the RFP, and is in all aspects fair and without collusion or fraud. Proposer also certifies that no officer, agent, elected official, or employee of County has a pecuniary interest in this Proposal.

2.25 Evaluation Committee: Proposals will be evaluated by a committee consisting of representatives from County and potentially external representatives. County reserves the right to modify the Evaluation Committee make-up in its sole discretion.

2.26 Commencement of Work: The contractor shall commence no work until all insurance requirements have been met, the Protest of Awards deadline has been passed, any protest have been decided, a contract has been fully executed, and a Notice to Proceed has been issued by County.

2.27 Best and Final Offer: County may request best and final offers from those Proposers determined by County to be reasonably viable for contract award. However, County reserves the right to award a contract on the basis of initial Proposal received. Therefore, each Proposal should contain the Proposer's best terms from a price and technical standpoint. Following evaluation of the best and final offers, County may select for final contract negotiations/execution the offers that are most advantageous to County, considering cost and the evaluation criteria in this RFP.

2.28 Nondiscrimination: The successful Proposer agrees that, in performing the work called for by this RFP and in securing and supplying materials, contractor will not discriminate against any person on the basis of race, color, religious creed, political ideas, sex, age, marital status, sexual orientation, gender identity, veteran status, physical or mental handicap, national origin or ancestry, or any other class protected by applicable law.

2.29 Intergovernmental Cooperative Procurement Statement: Pursuant to ORS 279A and LCRB, other public agencies shall have the ability to purchase the awarded goods and services from the awarded contractor(s) under terms and conditions of the resultant contract. Any such purchases shall be between the contractor and the participating public agency and shall not impact the contactor's obligation to the County. Any estimated purchase volumes listed herein do not include other public agencies and County makes no guarantee as to their participation. Any Proposer, by written notification included with their Proposal, may decline to extend the prices and terms of this solicitation to any and/or all other public agencies. County grants to any and all public serving governmental agencies, authorization to purchase equivalent services or products described herein at the same submitted unit bid price, but only with the consent of the contractor awarded the contract by the County.

SECTION 3
SCOPE OF WORK

3.1. INTRODUCTION

Clackamas County on behalf of Clackamas Water Environment Services ("District") is seeking Proposals from vendors to provide On-Call Engineering Services. This Contract is on an "on-call" or "as-needed basis" for work. When the District wishes Contractor to perform the Work, the District will submit an official County Task Order form (found at: https://www.clackamas.us/finance/terms.html) detailing the scope of work, the entity on whose behalf the Work will be performed, and the total compensation, pursuant to the fee schedule set forth in this contract. Contractor may not perform work until the County Task Order form has been executed by the parties. In the event a project authorized under the County Task Order extends beyond the expiration of this contract, the County Task Order shall remain in effect under the terms of this contract until the completion or expiration of the authorized task.

No task order shall modify or amend the terms and conditions of this contract.

Please direct all Technical/Specifications or Procurement Process Questions to the indicated representative referenced in the Notice of Request for Proposals and note the communication restriction outlined in Section 2.19.

3.2 BACKGROUND

Clackamas Water Environment Services (WES, District), an intergovernmental partnership formed pursuant to ORS 190, owns and operates over 340 miles of wastewater conveyance infrastructure and five wastewater treatment facilities serving more than 150,000 residents. WES operates and maintains this critical infrastructure in order to collect and treat waste and storm water. The engineering services resulting from this RFP will play a vital role in ensuring the continuous and safe operation of WES facilities, and ensure that WES goals are met as part of the adopted Capital Improvement Plan, Facility Plans, Sanitary Sewer System Master Plan, and Storm System Master Plan. Access to those plans can be found here: https://www.clackamas.us/wes/wes-projects.

3.3. SCOPE OF WORK

3.3.1. Scope:

Water Environment Services (District) wishes to select several consultants to provide services in one or more of the following categories:

SCOPE OF SERVICES

1) Wastewater Conveyance and Treatment Engineering

Wastewater engineering consultants to provide professional engineering services in support of projects involving the planning, design, and construction of wastewater treatment facilities, treatment processes, pump stations and force mains, gravity conveyance systems, and related facilities.

2) Water Resources Engineering
Water resources engineering to provide management, development, and conservation of water resources to ensure their sustainability and availability. It involves the design and implementation of systems for stormwater, water recovery, and sustainable watershed management.

3) Engineering Construction Services
Construction services to provide management and inspection of construction projects to ensure they are completed efficiently and safely. It involves overseeing the construction process, which includes, but is not limited to: project management, attending meetings on WES' behalf, review of work/inspection services, independent testing, survey, regulation compliance, contractor coordination, pay application support, substantial and final completion, RFI's, document management, and startup/commissioning.

4) Wastewater Process Engineering and Operational Support
Engineering services for wastewater treatment process engineering and operational support include providing expert consultation and technical assistance on an as-needed basis to optimize treatment processes and ensure compliance with regulatory requirements. Tasks may include evaluating plant performance, troubleshooting operational issues, developing process improvement strategies, preparing technical reports, and conducting data analysis to enhance efficiency and reliability. Additional responsibilities involve recommending equipment upgrades, reviewing and designing process modifications, and offering training to operational staff. The service provider must also be available to respond promptly to urgent operational challenges and collaborate with stakeholders to maintain continuous and effective treatment operations.

Firms may submit a Statement of Qualifications (SOQ) for one or all categories. WES will assess the submitted SOQs and select the most qualified firm(s) for each category. Each selected firm will enter into a Master Contract and will be eligible to provide services in support of WES tasks, initiatives and projects under the terms of the Contract. The specific work to be performed under these Master
Contracts will be defined, budgeted, and scheduled on a task-by-task basis through Task Order sub-agreements.

Interested firms must submit SOQs. A single SOQ is required for each category the consultant is applying. Each SOQ must apply to only one company; no "teaming" of companies is permitted.

WES may reject any SOQ not in compliance with all prescribed procedures and requirements, and may cancel this solicitation or reject, for good cause, any or all SOQs upon a finding that it is in the public's best interest to do so.

3.3.2. Term of Contract:
The term of the contract shall be from the effective date through **June 30, 2030.**

3.3.3. Sample Contract: Submission of a Proposal in response to this RFP indicates Proposer's willingness to enter into a contract containing substantially the same terms (including insurance requirements) of the sample contract identified below. No action or response to the sample contract is required under this RFP. Any objections to the sample contract terms should be raised

in accordance with Paragraphs 2.2 or 2.3 of this RFP, pertaining to requests for clarification or change or protest of the RFP/specifications, and as otherwise provided for in this RFP. This RFP and all supplemental information in response to this RFP will be a binding part of the final contract.

The applicable Sample Personal Services Contract for this RFP can be found at https://www.clackamas.us/finance/terms.html.

Personal Services Contract (unless checked, item does not apply)

The following paragraphs of the Professional Services Contract will be applicable:

☐ Article I, Paragraph 5 – Travel and Other Expense is Authorized
☐ Article II, Paragraph 27 – Confidentiality
☐ Article II, Paragraph 28 – Criminal Background Check Requirements
☒ Article II, Paragraph 29 – Key Persons
☒ Exhibit A – On-Call Provision

The following insurance requirements will be applicable:

☒ Commercial General Liability: combined single limit, or the equivalent, of not less than $1,000,000 per occurrence, with an annual aggregate limit of $2,000,000 for Bodily Injury and Property Damage.
☒ Professional Liability: combined single limit, or the equivalent, of not less than $1,000,000 per occurrence, with an annual aggregate limit of $2,000,000 for damages caused by error, omission or negligent acts.
☒ Automobile Liability: combined single limit, or the equivalent, of not less than $1,000,000 per occurrence for Bodily Injury and Property Damage.
☐ Cyber Liability: combined single limit, or the equivalent, of not less than $1,000,000 per occurrence for network security (including data breach), privacy, interruption of business, media liability, and errors and omissions

Additional Personal Services Contract Terms:

Max Multiplier: 3.15
Rate Cap: $260.00
Technical Expert: Negotiated.
Subcontractor Markup: 5%
Expenses Markup: 0%
Accounting, Technology and Safety program charges are considered to be business expenses and included in the multiplier.

SECTION 4
EVALUATION PROCEDURE

4.1 An evaluation committee will review all Proposals that are initially deemed responsive and they shall rank the Proposals in accordance with the below criteria. The evaluation committee may recommend an award based solely on the written responses or may request Proposal interviews/presentations. Interviews/presentations, if deemed beneficial by the evaluation committee, will consist of the highest scoring Proposers. The invited Proposers will be notified of the time, place, and format of the interview/presentation. Based on the interview/presentation, the evaluation committee may revise their scoring.

Written Proposals must be complete and no additions, deletions, or substitutions will be permitted during the interview/presentation (if any). The evaluation committee will recommend award of a contract to the final County decision maker based on the highest scoring Proposal. The County decision maker reserves the right to accept the recommendation, award to a different Proposer, or reject all Proposals and cancel the RFP.

Proposers are not permitted to directly communicate with any member of the evaluation committee during the evaluation process. All communication will be facilitated through the Procurement representative.

4.2 Evaluation Criteria

Category	**Points available:**
Firm Resources	0-10
Local Experience	0-35
Project Team	0-40
Approach	0-15
Available points	**0-100**

4.3 Once a selection has been made, the Proposer will be required to submit its proposed fees for completion of the project. The proposed fees must be on a time and material basis with a not to exceed for each phase of the work. The proposed fees must be reasonable and fair to the County, as determined solely by the County.

During negotiation, the County may require any additional information it deems necessary to clarify the approach and understanding of the requested services. Any changes agreed upon during contract negotiations will become part of the final contract. The negotiations will identify a level of work and associated fee that best represents the efforts required. If the County is unable to come to terms with the highest scoring Proposer, negotiations shall be terminated and negotiations will begin with the next highest scoring Proposer. If the resulting contract contemplates multiple phases and the County deems it is in its interest to not authorize any particular phase, it reserves the right to return to this solicitation and commence negotiations with the next highest ranked Proposer to complete the remaining phases.

SECTION 5
PROPOSAL CONTENTS

5.1. Vendors must observe submission instructions and be advised as follows:

5.1.1. Complete Proposals must be emailed to https://bidlocker.us/a/clackamascounty/BidLocker. The subject line of the email must identify the RFP title. Proposers are encouraged to contact Procurement to confirm receipt of the Proposal.

5.1.2. County reserves the right to solicit additional information or Proposal clarification from the vendors, or any one vendor, should the County deem such information necessary.

5.1.3. The Proposal's Statements of Qualifications (SOQ) consists of the proposer's Firm Resources, Local Experience, Project Team, and Approach, as defined below in sections 5.3, 5.4, 5.5 and 5.6 respectively. To maintain the fairness and integrity of the selection process, limit the entire SOQ to the following page limit requirements:

- Limit entire SOQ for each category to 10 pages (five double-sided sheets of paper).
- Use 8 ½ x 11 paper size, in a minimum of 12 pt. font, with one-inch margins.
- Blank pages, cover letter, section separators, resumes, and the Proposal Certification do not count towards the SOQ page limit.

Provide the following information in the order in which it appears below:

5.2. Introduction:

a. Indicate the complete legal name, address, and telephone numbers (voice and fax) of your company.
b. Provide the name and telephone number of the contact person for your SOQ.
c. Provide the name and title of the person who is legally authorized to sign the Master Contract, if it is awarded to your firm.
d. State that your SOQ will be valid for a period of ninety days.
e. State the categories covered by the SOQ.

5.3. Firm Resources (10 Points):

Provide a profile of your firm and the firm-wide resources that will be available to support the performance of the work. Provide the firm's length of time in business, number of employees, and the locations of key offices supporting the project. Describe the firm's overall experience with providing professional services. Provide a brief profile of the firm and available firm resources.

5.4. Local Experience (35 Points):

Describe your company's local (Pacific Northwest Region) experience in performing the services you are proposing. Describe similar services your company has performed for a minimum of three local customers in the past five years and include the names and telephone numbers for contact persons for each of these customers. District will use the information required in this paragraph, along with the District's prior experience with the consultant, to evaluate the Local Experience selection criterion.

5.5. Project Team (40 Points):

Describe your proposed team's capability to perform the services within the category. Include the number of employees who are available to perform the work and their qualifications and level of expertise. Describe any specialized equipment or software your company owns that would be used in performing the work. Describe

specific skills and experience of key staff that provide the professional services outlined in the categories section of the RFP. Provide resumes for key staff that will have responsibility for the work. (The resumes should be included in the Appendix.) List any licenses, certifications or accreditations your company or staff holds that are relevant to the services to be performed.

5.6. Approach (15 Points)
Describe your company's approach to providing the on-call services. Describe how projects will be managed. WES will use the information required in this paragraph to evaluate the "Approach" selection criterion.

5.7 Appendices
Include resumes for staff that will be responsible for performing the proposed services, up to 12 pages in this appendix.

5.8 Completed Proposal Certification (see the below form).

EXHIBIT B
CONTRACTOR'S PROPOSAL

CLACKAMAS COUNTY WATER ENVIRONMENT SERVICES

WATER ENVIRONMENT SERVICES

ENGINEERING MASTER CONTRACT ON-CALL ENGINEERING SERVICES

WASTEWATER CONVEYANCE AND TREATMENT ENGINEERING

RFP #2023-01

DAVID EVANS AND ASSOCIATES INC.

February 20, 2025

www.deainc.com

DAVID EVANS
AND ASSOCIATES INC.

Wastewater Conveyance and Treatment Engineering

RFP #2025-01

February 20, 2025

Clackamas County
Clackamas Water Environment Services
150 Beavercreek Rd.
Oregon City, OR 97045

Dear Selection Committee Members,
The Clackamas Water Environment Services (WES, District) Engineering On-Call Master Contract is essential to supporting its Sanitary Sewer system needs by providing wastewater planning and design services. David Evans and Associates (DEA) is thrilled to submit our statement of qualifications to assist the District in achieving its goals. Our local office has built a partnership with the District on your Clackamas WES Interceptor, SE 117th Avenue, and Solomon Court Stormwater Improvement projects, and we are eager to extend our services to also assist the District with wastewater engineering projects. From system master planning and feasibility studies, to predesign and design services, DEA's experienced and dedicated wastewater engineering team is well-equipped to deliver practical and innovative solutions to meet the District's needs.

Our team is passionate about collaborating with the District to address wastewater improvement challenges while delivering sustainable, high-quality project outcomes. With a deep understanding of wastewater infrastructure improvement and protection needs, DEA is experienced in supporting the continued delivery of efficient wastewater infrastructure improvement projects. We are confident our expertise and proven track record make us a premier partner in supporting the District's wastewater projects and driving long-term community sustainability.

Our team offers specialized wastewater system engineering expertise under this professional services roster, including but not limited to:

- Project management
- Wastewater system master planning
- Hydraulic modeling
- Collection and conveyance system design
- Pump/lift station and force main systems analysis
- Wastewater treatment process evaluation and design

We also provide supplemental services such as surveying, public involvement, GIS, asset management, and construction inspection to facilitate the full-service successful delivery of all aspects of wastewater system related projects.

DEA takes pride in delivering work efficiently and effectively. With a dedicated team of experienced wastewater engineers, project managers, and planners, and a streamlined workflow, we are well-equipped to handle District needs with precision and timeliness. Our proactive approach focuses on advanced planning, resource allocation, and seamless communication to assure that we meet or exceed client expectations. This commitment to reliability, accountability, and responsiveness has established DEA as a trusted partner to the District and other agencies throughout the Pacific Northwest.

We are excited about the opportunity to collaborate with the District on future wastewater projects and contributing to the long-term sustainability and livability of the community. Our team is ready to hit the ground running, bringing both local knowledge and the resources of a firm experienced in wastewater engineering improvements. If you need additional information, please get in touch with me at 503.499.0373 or via email at dbg@deainc.com.

Sincerely,
DAVID EVANS AND ASSOCIATES, INC.

Douglas Gates, PE
Associate, Project Manager

Rodney Langer, PE (WA)
Associate Vice President, Project Manager

SECTION 5.2 Introduction

DEA is pleased to present our qualifications for the **Wastewater Conveyance and Treatment Engineering** category of the Water Environment Services Engineering Master Contract: On-Call Engineering Service Request for Proposals. Our firm's resources, local experience, project team, and approach to delivering on-call work are outlined in this Statement of Qualifications, which is valid for 90 days.

Legal Name and Contact Information
David Evans and Associates, Inc.
2100 S. River Parkway, Suite 100, Portland Oregon 97201
phone 503.223.6663 | fax 503.223.2701

SOQ Contact and Master Contract Authorized Signer
Douglas Gates | 503.499.0373

SECTION 5.3 Firm Resources

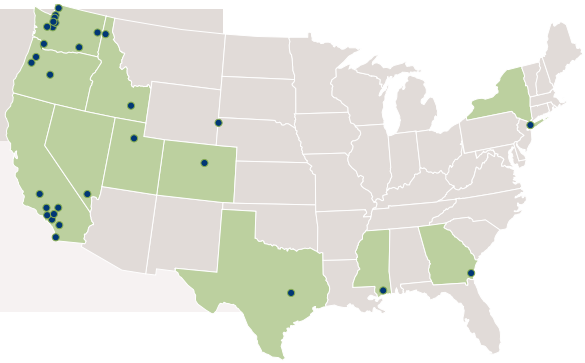
DEA PROFILE

DEA is a multidisciplinary, employee-owned firm with almost 50 years of experience combining the talents of project managers, engineers, planners, surveyors, scientists, GIS specialists, and landscape architects prepared to provide the District full-service wastewater infrastructure planning, engineering, and environmental / permitting services. Our wastewater planning, conveyance, and treatment engineers and planners blend creativity, practical experience, and technical knowledge and expertise to deliver solutions that meet local agency design standards and help our clients achieve their goals.

INCORPORATED IN 1976
Corporate Office: 2100 South River Parkway, Suite 100, Portland, OR 97201

1000+ Employees Nationwide

31 Offices



Our flexible, responsive professionals are prepared to provide the District with a full range of services. Our Water and Environment Business Unit has more than 70 highly-committed professionals who specialize in delivering wastewater planning, conveyance, and treatment engineering projects, and other water-related projects in the Pacific Northwest.

DEA will staff on-call wastewater work primarily out of our Bellevue office with added support from our Salem, Bend, Olympia, and Portland offices on an as-needed basis. We've optimized our execution of on-call assignments with effective management practices, efficiently handling multiple task orders through a skilled team. Our technical and managerial staff have the depth of experience, professional maturity, and dedication required to evaluate problems and develop right-sized and creative solutions to the most complex situations and challenging environments. Our team has project management, engineering, planning, permitting, scientist, and design leaders ideally suited to execute task orders (large to small) for this contract. These staff are chosen for their dedication, technical leadership, specialized expertise, best fit, and availability to provide focused attention to the District's needs.

DEA's team is available to begin work as soon as projects are initiated, with the flexibility to adjust resources to meet fluctuating project demands. With a robust team dedicated to wastewater projects, we have both the depth and breadth to address all aspects of the District's wastewater needs. DEA can perform all but niche services in-house, and we can streamline the project workflow, avoiding the delays and complexities often associated with coordinating multiple subconsultants. We have extensive resources companywide, which we can draw upon as needed by utilizing DEA's workshare system. This enables us to bring additional expertise and capacity to projects without delay, adding more flexibility and depth to project teams when necessary.

DEA'S EXPERIENCE WITH WASTEWATER CONVEYANCE AND TREATMENT ENGINEERING

DEA's wastewater team offers comprehensive engineering services, from master planning and hydraulic modeling to construction specifications, cost estimates, contract administration, and support throughout the construction process. Our team has extensive experience with specialized installation techniques, including jack and bore under railroads and highways for sewer mains, horizontal directional drilling, and tunneling, with expertise in direct jack concrete pipe installations. Our team is skilled in the planning, design, and construction support for pump or lift stations and force mains, including pressure systems served by grinder or septic tank effluent pumps. DEA understands the key considerations for designing, rehabilitating, or replacing force mains, such as peak hour flow estimates, flushing velocity, proper sizing, material selection, potential conflicts with gravity systems, discharge conditions, and capacity of the receiving conveyance system.

Our wastewater professionals are adept at designing pump or lift stations, including configuration considerations (wet well/dry well, submersible, wet well-mounted), pump and motor selection, wet well access and ventilation, site access and security, power and control equipment, and related systems. Our team has significant recent experience in sewer main rehabilitation, by means of CIPP lining, pipebursting and replacement, including up-sizing, and spot repairs of wastewater and stormwater pipe assets. For treatment facilities, our team can lead evalution of existing or desired process improvements, or prepare construction documents for completion of unit-process improvements, including structures, equipment, power and control systems. We also provide construction support, including startup and commissioning of equipment and preparing operation and maintenance manuals, incorporating design specifications and manufacturer materials.

FEATURED PROJECTS

EDMONDS CITYWIDE SEWER REHABILITATION PROJECT

Client reference:
Mike DeLilla,
425.771.0220 x 1320

City of Edmonds Public Works | Edmonds, WA

DEA has been responsible for the pre-design assessment and design for multiple phases over several years of projects which included the rehabilitation (using various types of trenchless technologies), replacement (via open-cut), relocation, and installation of specified sewer segments totaling well over 10,000 feet ranging from 6 to 18 inches in diameter. Work has included review of CCTV sewer video inspection records, review of as-built and easement records, determining types of repair for each fault, as well as helping prepare the scope of work, reports, drawings, project manual, cost estimate, and project summary. Our team has also assisted Edmonds staff during bidding and construction through answering RFIs and reviewing shop drawing submittals. DEA's attention to detail during the pre-design condition assessment phase of the project helped us efficiently coordinate the proposed rehabilitation methods for each site with the City and move quickly into design. DEA's consistent and effective collaboration and communication with the City throughout each phase was key to the Project's success.

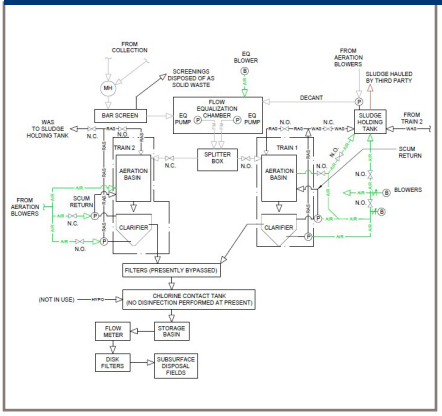
G STREET SEWER IMPROVEMENTS

Client reference:
Manroop Kaur, Project Manager,
360.332.8311 ext. 3426

City of Blaine | Blaine, Washington

This sewer capacity and rehabilitation project addressed deficiencies across four segments of the City's collection system, replacing 4,600 feet of sewer main and installing 2,180 feet of new pipe (12–24 inches in diameter). Challenges included narrow alleys and residential easements, with a geotechnical evaluation revealing soft soils. Special provisions included lightweight backfill for mains over 10 feet deep, and four manholes were equipped for flow monitoring to support future inflow and infiltration analysis. A prior assignment completed by DEA included review of recent overflow conditions and evaluation of alternatives to address localized surcharging of the collection system. The outcome of the assignment was delineation of the G Street sewer improvements project.

GENERAL SEWER PLAN AND FACILITIES PLAN

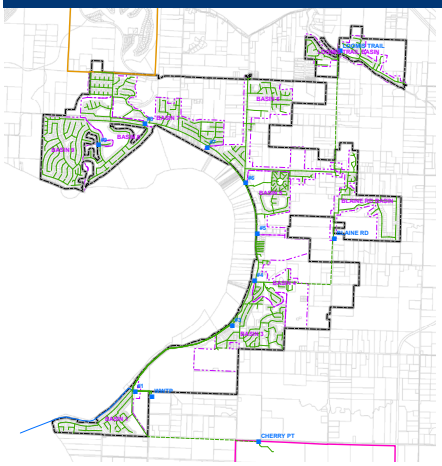


Main Street Sewer District | Freeland, Washington

DEA was retained to prepare a new plan to update the District's Comprehensive Sewer System Plan. The update incorporated changes in referenced planning documents and local land use plans. The update uses such new information as the basis for development of a new capital improvement program and supporting financial analysis and recommendations. Multiple technologies were reviewed including headworks, secondary and tertiary treatment, disinfection, and effluent disposal. Options were all evaluated with the most cost-effective solution of the alternatives ultimately proposed.

Client reference: Jeanie Kieswetter, 360.632.7926, mssd@whidbey.com

COMPREHENSIVE SEWER SYSTEM PLAN



Birch Bay Water and Sewer District | Whatcom County, Washington

DEA prepared the update of this sewer comprehensive plan. The prior plan included anticipated service to large undeveloped areas designated for urban density development. As a result of the recession in the late 2000s, the county (agency with land use jurisdiction) removed those large areas from the urban planning area. Therefore, the sewer plan update focused on a revised service area, new growth and sewer flow forecast, updated hydraulic model and development of a new capital improvement plan.

Client reference: Sandi McMillan, General Manager, 360.371.7100, sandi@bbwsd.com

PUMP STATION #18 EQUIPMENT REPLACEMENT

City of Mercer Island | Mercer Island, Washington

The City of Mercer Island (City) was in need of replacement generators at four pump stations (#13, #17, #18, and #24) as well as replacement pumps at station #18. The City had pre-purchased the equipment but needed support with development of equipment installation plans for contracting the work and to secure the necessary building permits. The four generator replacements involved documenting existing conditions in the four precast concrete vaults, and preparing plans for the replacement of the generators, electrical equipment, and appurtenances in the space available.

Client reference: Allen Hunter, 206.275.7812, allen.hunter@mercerisland.gov

108TH AVENUE NE WATER AND SEWER MAIN REPLACEMENT PROJECT

City of Kirkland | Kirkland, Washington

The City of Kirkland initiated a project to replace some of its water and sewer mains that were experiencing extraordinary maintenance issues due to condition (sags in local faults) and needed to be replaced. DEA prepared plans, project specifications, and the construction cost estimate for the replacement of water and sewer mains along a busy arterial along both residential and commercial properties in the City of Kirkland. The water portion of the project consisted of the replacement of 2,100 feet of existing 8-inch main with new 12-inch ductile iron water main location including many connections to main and hydrant laterals and water services. Many utility conflicts with sewer, storm, power, gas and fiber optic made it challenging to locate the new water main while keeping the existing 8-inch cast iron main in service.

The sewer portion replaced approximately 4,200 feet of 8-inch concrete main with 12" and 8" PVC mains by open cut construction and with 8" HDPE mains by pipebursting construction. The result of the project was to provide capacity for future growth in the community and remove segments that required regular extraordinary maintenance saving the client money.

Client reference: George Minassian, 425.587.3829, gminassian@kirklandwa.gov

PUMP STATION #3 FORCE MAIN REPLACEMENT

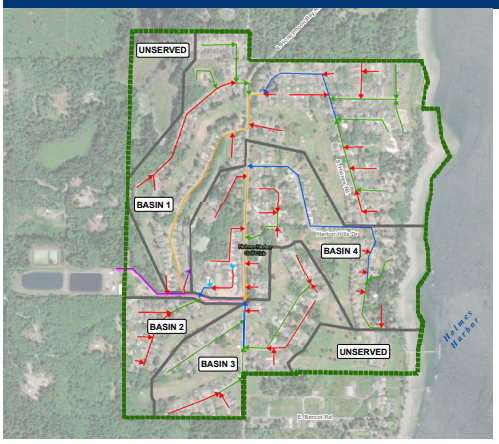
Birch Bay Water and Sewer District | Whatcom County, Washington

The capacity of the existing 14", 9,000 foot long AC force main, which connects three pump stations and conveys all District wastewater flows to the treatment plant, was forecast to soon be exceeded. DEA managed a team that provided pre-design alternative analysis, engineering design, and permitting assistance for the replacement of the force main with three HDPE force mains, sized at 14", 16" and 18", to allow for flexibility of operations at Pump Station #3 under current and forecast capacity needs.

The existing force main traverses a known cultural resource area. The alternatives analysis considered numerous route and construction options. Ultimately the recommended solution was for three replacement pipes within the limits of the original trench to minimize risk of disturbance of cultural resources. Permits were secured from Whatcom County and the State Department of Archaeological and Historic Preservation for the proposed construction work. The first task was to set up a 9,000 foot long, temporary-above ground bypass force main. The original force main trench was re-excavated and the AC pipe was removed. The new pipes were then installed within the original trench limits.

Client reference: Sandi McMillan, 360.371.7100, sandi@bbwsd.com

WASTEWATER MASTER PLANNING



The focus of DEA's master planning for wastewater is assessing the system's infrastructure requirements and ensuring that existing systems can meet both current and future demands. This process includes evaluating system capacities through maintenance records, site-specific analyses, and hydraulic modeling for wastewater collection systems. Identifying capacity shortfalls allows us to prioritize improvements in capital improvement plans (CIPs), balancing immediate and long-term needs, available funding, and potential project timing with other utilities to reduce costs. We also leverage the local land use agency's comprehensive plan updates to align infrastructure planning with growth projections, ensuring infrastructure remains appropriately sized as demands evolve. By thoroughly analyzing current systems, DEA identifies opportunities to enhance operational efficiency and proactively addresses challenges to support ongoing infrastructure development.

For wastewater planning, our team carefully analyzes patterns and system configurations to assess existing constraints and forecast future needs. Through detailed system modeling, we develop creative, cost-effective solutions that balance traditional and innovative design approaches. DEA delivers scalable, practical plans for both local and regional wastewater improvements, addressing space, funding, and construction sequencing challenges to provide long-term, sustainable infrastructure solutions.

RELATED SERVICES

- Hydraulic modeling of sewer systems
- Localized capacity studies where hydraulic modeling is not necessary
- Lift/Pump Station Evaluation and Design
- Collection System Design
- Main Line Extension Design

WASTEWATER LIFT AND PUMP STATIONS

The DEA team has provided lift station engineering services to cities and special purpose districts in the Pacific Northwest. This breadth of service strengthens our team with involvement with a range of management and operations styles. We learn from activity and situations at each sewer system we work with and bring that experience and knowledge to another manager or operator to consider for implementation or action at their system if it will improve their situation. The DEA team has completed over 60 lift station evaluations and engineering projects dating back to the early 1990s.

RELATED SERVICES

- Hydraulic Modeling of Sewer Systems
- Localized Capacity Studies
- Station Evaluation Studies

DEA'S TEAM FOR WASTEWATER CONVEYANCE AND TREATMENT ENGINEERING

DEA is fully committed to delivering the District's projects in a timely and efficient manner. As a priority client, the District's projects are important to both our firm and our dedicated contract manager, Doug Gates. The DEA team understands that the people involved are ultimately responsible for creating a successful project. Therefore, each key team member has been selected for their role based on their qualifications, experience working as a team, and ability to remain available to the District throughout the contract.

In addition to the key staff provided below, DEA has **11** water resource engineers, **5** planners, **60** construction support staff, **19** environmental compliance professionals, **4** landscape architects, and **10** erosion control specialists.

Rodney Langer, PE | Sr. Project Manager

Why Rodney? Rodney has 36 years of experience in all phases of water and wastewater system facilities for special purpose districts, cities, and private clients. He has extensive experience in all components of municipal water and sewer systems, including completion of comprehensive and facility plans, storage facilities, transmission/distribution mains, pump and lift stations, and collector and interceptor systems. Areas of significant experience include comprehensive system planning and wastewater pump and lift stations. Rodney has supported or led the evaluation or design and construction support services for approximately 60 lift or pump stations. Rodney is capable in the management and preparation of feasibility studies, engineering reports, cost estimates, plans, and specifications.

Office Location: Bellevue, WA
Education: BS, Civil Engineering
Registration: Professional Engineer, WA (30046)

RELEVANT EXPERIENCE

- **Birch Bay Water and Sewer District Comprehensive Sewer Plan;** Birch Bay, WA
- **Multiple Clients; Over 60 Wastewater Pump Station Evaluation, Rehabilitation, or Design Projects**
- **G Street Sewer Improvements;** City of Blaine, WA
- **Trimet Redline Extension, Force Main Relocation;** Portland, OR

Doug Gates, PE | Contract Manager, Project Manager

Why Doug? Doug is a senior water resources engineer and project manager specializing in project management, planning, and sanitary sewer, storm sewer and surface water collection, conveyance, management, and permitting. Other areas of expertise include designing roadway/highway drainage, detention/retention, bridge hydraulics, culvert, fish passage, low impact development (LID) and best management practices (BMPs), hydro-modification mitigation, and stream and wetland enhancement, as well as developing and negotiating permit strategies. Doug also specializes in drainage/hydraulic/stormwater management plan (SWMP - DEQ 401 certification) reports and documentation, and is a project facilitator and regulatory agency liaison.

Office Location: Portland, OR
Education: BS, Civil Engineering
Registration: Professional Civil Engineer, OR, 44930PE; Professional Civil Engineer, WA, 44948

RELEVANT EXPERIENCE

- **86th and Copeland Sanitary Sewer Rehab Program;** Portland, OR
- **Lebanon Storm Drainage Master Plan;** Lebanon, OR
- **Redwood Catchment Stormwater Master Plan;** Josephine County, OR

Nhan Vo, PE | Conveyance Task Lead

Why Nhan? Nhan has 27 years of extensive experience as a water resources engineer. He spent more than 17 years with the City of Tumwater, where he helped the City with water and wastewater system planning, design, and construction. As the main engineer, he designed and oversaw City utility construction projects. He understands wastewater system anatomy, regulation requirements, and what agencies need. Nhan was actively involved in the wastewater system comprehensive plans at Tumwater, built the wastewater system model, delineated the wastewater service and basin areas, performed infiltration/inflow, wastewater flows, wastewater system hydraulic analysis, identified system deficiencies, and recommended capital improvement plans. His experience includes system load for wet/dry weather flows, lift stations, watershed planning for wastewater, wastewater system improvements and expansion.

Office Location: Olympia, WA
Education: BS, Civil Engineering
Registration: Professional Engineer, WA, 38843

RELEVANT EXPERIENCE

- **Sanitary Sewer Comprehensive Improvement Plan;** Tumwater, WA
- **70th Avenue Water and Sewer Extension;** Tumwater, WA
- **Pioneer Street Water and Sewer Extension;** Tumwater, WA

Atalia Raskin, PE | Conveyance Engineer

Why Atalia? Atalia is a water resources engineer with 21 years of experience. She specializes in complex hydrologic and hydraulic modeling and urban-drainage design. Atalia has focused experience in conveyance design and efficiently creates hydraulic models, analyzes results, and proposes constructible solutions for capital improvement projects. Atalia has relevant and local experience with stormwater-related efforts in the Willamette Valley including over 30 projects within Clackamas County and Water Environmental Services jurisdiction.

Office Location: Portland, OR
Education: BS, Environmental Engineering
Registration: Professional Engineer, OR, 74328PE

RELEVANT EXPERIENCE

- **Trimet Redline Extension, Force Main Relocation;** Portland, OR
- **Lebanon Storm Drainage Master Plan;** Lebanon, OR
- **SW 198th Sanitary Sewer Relocation;** Washington County, OR

Natalie Newcomer, PE | Conveyance Engineer

Why Natalie? Natalie is a water resources engineer with 12 years of engineering experience including hydrologic evaluation and hydraulic design associated with major stormwater conveyance system improvements, water quality and quantity design, fish passage design, channel relocations, and floodplain analysis. Natalie has experience in stormwater and sanitary sewer design as well as system-wide modeling and analysis. She is familiar with most commercial hydrologic/hydraulic software modeling packages, including HEC-RAS, HY-8, CivilStorm, XPSWMM, and HydroCAD.

Office Location: Bend, OR
Education: BS, Environmental Engineering
Registration: Professional Engineer, OR, 92748

RELEVANT EXPERIENCE

- **Lebanon Storm Drainage Master Plan;** Lebanon, OR
- **SW 198th Sanitary Sewer Relocation;** Washington County, OR

Andi Thompson, PE | Treatment Task Lead

Why Andi? Andi has 27 years of experience consulting municipalities and private entities in water and wastewater projects. Her water experience includes groundwater and surface water source development, treatment plants, solids handling, booster pump station design, distribution system improvements, chemical feed, corrosion control, and storage. Her wastewater experience includes treatment plants, solids handling, collection system design, inflow and infiltration studies, and wastewater lift stations. Andi has worked on projects with design flows up to 19 MGD and as low as residential well and septic systems.

Office Location: Portland, OR
Education: BS, Engineering Operations
Registration: Professional Environmental Engineer, WA, 23005984; Professional Environmental Engineer, NY, 089458

RELEVANT EXPERIENCE

- **Replacement and Force Main UP3714;** Everett, WA
- **Sewer Improvements;** Blaine, WA
- **Wastewater Treatment Plant Upgrade;** Greenport, NY

Craig Christensen, PE | Sewer Rehab Task Lead

Why Craig? Craig Christensen has 16 years of experience in planning, design, and construction observation of water, storm drain, and sewer facilities. He has assisted in the pre-design, design, bidding, correspondence, construction, and post-construction tasks of various projects including the repair and/or rehabilitation of sewer piping, storm piping, water piping, wastewater treatment plants, lift stations, reservoirs, and roads and streets. Craig has prepared reports, memos, pay estimates, shop drawing reviews, comprehensive system drawings, project manuals, project technical project manuals, drawings, construction cost estimates, quantity takeoffs, operation and maintenance manuals, and bid and contract documents.

Office Location: Bellevue, WA
Education: BS, Civil Engineering
Registration: Professional Civil Engineer, WA, 51063

RELEVANT EXPERIENCE

- **Pipe Defect Repair;** Bellevue, WA
- **Citywide CIPP Sewer Rehab;** Edmonds, WA
- **Lower Cherry Loop Utility Improvements;** Shoreline, WA

Ethan Rosenthal | Environmental Lead

Why Ethan? Ethan has 27 years of experience working in the field of applied ecology, where he has served as a project manager and a task leader, and in other technical roles. He has worked on a wide variety of built and natural infrastructure projects, from wetland permitting for park and trail projects, to water use and water quality investigations, watershed assessments, and large-scale habitat restoration and conservation projects. Ethan is adept at integrating detailed project specifics with the overarching project goals to obtain practical solutions that meet client objectives and regulatory requirements.

Office Location: Portland, OR
Education: MS, Environmental Science; BS Agricultural Economics

RELEVANT EXPERIENCE

- **Tualatin Valley Water District, Willamette Water Supply Program;** Hillsboro, OR
- **Fanno Creek Enhancement;** Washington County, OR
- **Clackamas WES Interceptor Project;** Clackamas County, OR

Galen Norgang | Designer / Inspector Task Lead

Why Galen? Galen has 18 years of experience as a hydraulic, water resources, and stormwater engineer. He has experience working construction management on water and wastewater projects. His work includes pipelines, treatment structures, pump stations, and operation facilities. He has specific experience working with large diameter pipe projects up to 90 inches in diameter and of multiple different materials. Additionally he has significant experience with construction methodology of large diameter pipe, as he has worked with contractors as a construction manager and inspector.

Office Location: Portland, OR
Education: BS, Environmental Engineering
Registration: Professional Civil Engineer, OR, 77786

RELEVANT EXPERIENCE

- **Elk Creek Sewer Crossing;** Elkton, OR
- **Wyndemere Sewage Pump Station;** Bend, OR
- **Redmond Water Pollution Control Facility Modifications;** Redmond, OR

Sara Gilbert, GISP | GIS Analyst

Why Sara? Sara is a GIS project manager with 28 years of professional experience supporting environmental, land use, census, engineering, and transportation projects. She utilizes ESRI ArcGIS software for geodatabase design, modeling, spatial data analysis, CAD data integration, LiDAR data manipulation, and mapping. Her experience supporting a wide variety of projects, including EISs and EAs, site suitability indices, wetland and critical habitat delineations, and risk assessments, enables her to provide efficient, effective data management and project support.

Office Location: Portland, OR
Education: MS, Earth Sciences; BS, Geography
Registration: Geographic Information Systems Professional (GISP)

RELEVANT EXPERIENCE

- **West Side Sanitary Sewer Interceptor Analysis;** Lebanon, OR
- **Tualatin Valley Water District, WWSP;** Hillsboro, OR
- **Upper Klamath Basis Water Management and Drought Contingency Planning;** Klamath, OR

Brookley Henri, PLA, CESCL | Landscape Architect

Why Brookley? Brookley is a landscape architect with 23 years of experience producing construction documents and presentation graphics for projects ranging from urban corridors to ecological restoration sites. She specializes in native and ornamental planting design, erosion control design and permitting, site grading and planting for natural area restoration, streambank rehabilitation, and wetland and floodplain mitigation projects.

Office Location: Portland, OR
Education: BLA, Landscape Architecture
Registration: Registered Landscape Architect, OR, 727

RELEVANT EXPERIENCE

- **US20 Pioneer Mountain to Eddyville;** Eddyville, OR
- **SR520 Eastside Transit and Fish Passage Structures;** WA
- **Orchard Park Outfall Mitigation and Repair;** Hillsboro, OR

SPECIALIZED SOFTWARE

DEA staff use a range of specialized software tools for delivery of technical services. For sewer system hydraulic modeling, our team utilizes SewerGEMS and INFOSEWER. Depending on the client's needs, our team can refine, expand or develop the physical model, expand the model and develop loading and scenarios. Through the modeling efforts, identification of current or forecast deficiencies can be completed, and potential solutions can be developed and evaluated. The results can then be prioritized and scheduled for additional to the capital improvement plan or master plan.

DEA'S APPROACH

Task Order Negotiation

Effective task order negotiation is essential for delivering wastewater conveyance and treatment projects that meet the District's needs while maintaining flexibility and efficiency. DEA's collaborative approach provides that each task order reflects clear project scopes, realistic timelines, and well-defined budgets. We will work closely with the District to align project priorities and resources, fostering transparency and trust.

Our experienced and dedicated project managers bring a solutions-oriented mindset to negotiations, anticipating needs and challenges, managing risks, and identifying opportunities to streamline delivery. This proactive partnership confirms that every task order supports the District's long-term goals while keeping individual projects on schedule, within budget, and meeting the needs of all stakeholders.

Project Management

The foundation of DEA's project management is based on effective collaboration with our clients. Working with the District, we will establish preferred methods of communication and emphasize responsiveness as a top priority. We'll also establish regular check-in meetings during the scope negotiation and conduct these meetings throughout the length of the project. These meetings allow us to clarify the District's expectations, debrief on project status, and discuss outstanding or anticipated issues, and creatively pivot if new scope and task needs arise as designs advances.

By developing a clear understanding of the District's needs and expectations, we can also scale the level of engagement to match the District's preferences. This allows our clients to concentrate their efforts where they are most needed, while staying confident in the progress and management of their projects. At DEA, we take ownership and accountability of our results and follow through on our commitments. This includes delivering projects on time, within budget, and to the highest quality standards.

The project manager oversees the overall design budget and schedule, and the quality manager implements a Quality Management Plan (QMP). DEA's approach has led to a history of economical design, projects with few and low-cost construction change orders, and on-time delivery.

Cost Control

Part of DEA's accountability includes being responsible with District funds. Throughout the life of a project DEA will be looking for potential cost savings measures, or a better bang for the buck. Additionally, we use the scope and labor estimates to develop Work Breakdown Structure (WBS) codes that are reviewed by the project manager on a weekly basis. Weekly reviews enable the project manager to confirm that project budgets are on track with actual progress for each corresponding task using Earned Value Reports (EVRs). EVRs are an effective tool for early identification and correction of budget variances, allowing for staffing adjustments, heightened focus on efficiency, and regular confirmation that initial assumptions are matching the actual work progress. When coupled with detailed project and workload scheduling, the power of EVRs can be further increased.

Project Scheduling

DEA will provide a project schedule in Microsoft Project, a scope of work, and a labor estimate for each task order assigned to our team. Our project managers view the project schedule as the foundation for successfully managing each project. Project managers allocate time in DEA's workload planning tool for each task to specific staff so the project schedule and staff availability are reserved/protected.

By evaluating EVRs with future planned staff hours, our Project Managers can determine if there is risk of deviating from the schedule and assign additional staff to recover the time, or moderate staff effort to keep each facet of the project in sync. Anomalies in the schedule requiring more significant corrections will be discussed with the District and the project team, with necessary adjustments being made to maintain or minimize impacts to the critical path. Regular project team meetings also enforce the schedule and keep team members accountable for task progress.

Rodney Langer, PE
SENIOR PROJECT MANAGER

Rodney has 36 years of experience in planning, design, and construction observation of water and wastewater system facilities. He has extensive successful experience in all components of municipal water and sewer systems, including completion of comprehensive and facility plans, storage facilities, transmission/distribution mains, pump and lift stations, and collector and interceptor systems. His areas of significant experience are comprehensive system planning and pump stations.

Education
BS, Civil Engineering, University of Arizona

Registrations
Professional Civil Engineer, Washington, 30046

Professional Civil Engineer, California, 49309

Years of Experience
36

Relevant Project Experience

Lift Station #15 Replacement and Force Main Pre-Design Evaluation, for City of Everett, Washington: Rodney was Project Manager responsible for preparation of a pre-design evaluation of the recommended approach to replacement of a wastewater lift station. DEA, with the support of an electrical engineer, evaluated options for siting and configuration of a new duplex submersible pump wastewater lift station and force main to replace an existing sewer dosing station. The City had reviewed the downstream interceptor and concluded that a new station and force main to reroute the conveyance system in the southwest portion of the City was in its best interest for the future reliability of the system.

MAX Red Line Sewer Force Main Replacement, for City of Portland, Oregon: Rodney provided engineering guidance for development of plans for replacement of approximately 1,400 feet of existing 18" force main (asbestos cement and HDPE) with 18" HDPE pipe. The work is necessary to accommodate addition of a second light rail line at the Portland Airport terminus of the Red Line. Key elements of the design include a casing under the rail lines and replacement and addition of sewage air release valve assemblies.

Sanitary Sewer Repair, for City of Bothell, Washington: Rodney was Project Manager responsible for pre-design and design services for project to repair approximately 4,000 feet of 8-inch gravity sewer. Nearly all the pipe segments are located on easements on private property, through residential back yards. The pre-design effort included research and documentation of available easements and rights of access as well as CCTV inspection of each main to confirm condition and location of active side sewer connections.

Pump Station #18 Replacement, for City of Mercer Island, Washington: Rodney was Project Manager responsible for this equipment installation project. The City of Mercer Island (City) was in need of replacement generators at four pump stations (#13, #17, #18, and #24) as well as replacement pumps at station #18. The City had pre-purchased the equipment but needed support with development of equipment installation plans for contracting the work and to secure the necessary building permits. The four generator replacements involved documenting existing conditions in the four precast concrete vaults, and preparing plans for the replacement of the generators, electrical equipment, and appurtenances in the space available.

Doug Gates, PE

CONTRACT MANAGER, PROJECT MANAGER

Doug is a senior water resources engineer and project manager specializing in project management, planning, and design of stormwater/surface water, and sanitary sewer collection, and conveyance and management systems, and permitting. He started his career as a public development permit reviewer of sanitary and stormwater sewer plans and reports. After a few years Doug went on to design his own sanitary and storm sewer projects ranging from small local improvement district projects to large trunklines and collection systems. Doug also specializes in conveyance utility relocation reports and documentation, and is a regulatory agency liaison.

Education

BS, Civil Engineering,
Oregon State University

Registrations

Professional Civil Engineer,
Oregon, 44930PE

Professional Civil Engineer,
Washington, 44948

Certifications

BASINS/HSPF by EPA, Atlanta, Georgia

HEC RAS by ASCE, Chicago, Illinois

Fluvial Geomorphology for Engineers by David Rosgen, Silver City Colorado

Software Proficiencies

ArcView, ArcMap, AutoDesk Civil 3D, AutoDesk SSA, HEC RAS, HEC HMS, and SBUH.

Familiar with MS Project, MGS Flood, WWHM, BASINS/HSPF, FishXing, TRUST and HY8

Years of Experience

29

Relevant Project Experience

Lebanon Storm Drainage Master Plan and West Side Sanitary Sewer Interceptor, for the City of Lebanon, Oregon: Doug co-authored and provided QC and deputy project management services for the City of Lebanon Storm Drainage Master Plan. The master plan was an update to a 1989 master plan with a primary focus on modeling 4,355 acres of storm system infrastructure to establish calibrated and validated design flows, identify and address chronic flooding, develop a system to support expansion and growth, develop corresponding CIPs and their associated costs, and assessing and recommending rate adjustments to support ongoing and future maintenance and improvements.

SW 198th Sanitary Sewer Relocation, for Clean Water Services, Washington County, Oregon: Doug provided engineering design services for this fast-tracked project. The project was composed of realigning a sanitary sewer line alongside two proposed bridges, in Washington County. The design included two stream crossings with grade control structures designed to be incorporated into the stream and a flow diversion manhole. Sanitary sewer protection measures included anti-seepage collars to prevent water from flowing along the utility trench. The design followed Clean Water Services Design and Construction Standards.

SW 103rd Sanitary Sewer Relocation, for Clean Water Services, Washington County, Oregon: This project involved relocating a sanitary sewer mainline that was in conflict with a new box culvert being installed in SW 103rd Street in urban Washington County.

86th and Copeland Sanitary Sewer Rehab Project, for Clean Water Services, Portland, Oregon: Doug served as project manager for this emergency project involving a sanitary sewer trunkline in a stream corridor. The trunkline became exposed due to stream erosion and down cutting. DEA was hired to acquire permits and design the replacement of 400 lineal feet of compromised 8-inch pipe located in a sensitive stream corridor. The team was tasked with providing a cost effective fast track pipe retrofit design that minimized environmental impacts, and left the stream and habitat enhanced in the project area.

Nhan Vo, PE
CONVEYANCE TASK LEAD

Nhan has 27 years of extensive experience as a water resources engineer. He spent more than 17 years with the City of Tumwater, where he helped the City with water and wastewater system planning, design, and construction. As the main engineer, he designed and oversaw City utility construction projects. He understands wastewater system anatomy, regulation requirements, and what agencies need. Nhan was actively involved in the wastewater system comprehensive plans at Tumwater, built the wastewater system model, delineated the wastewater service and basin areas, performed infiltration/inflow, wastewater flows, wastewater system hydraulic analysis, identified system deficiencies, and recommended capital improvement plans. His experience includes system load for wet/dry weather flows, lift stations, watershed planning for wastewater, wastewater system improvements and expansion.

Education
BS, Civil Engineering

Registrations
Professional Engineer, Washington, 38843

Member of Society of Fellows, Honor Society of Saint Martin's College

Member of American Society of Civil Engineers

Years of Experience
27

Relevant Project Experience

Custer Way Area Sanitary Sewer Improvement, City of Tumwater: Nhan was the project engineer/manager responsible for the planning, design, and construction of the project. This project consists of replacing the existing cement concrete sewer line, and three sewer lift stations to support the redevelopment of the former Olympia Brewery property. Tasks included existing data collection, hydraulic calculations, field investigation, sewage flow calculations, system capacity evaluation, alternative analysis, and final PS&E documents. Conducted cross-discipline design coordination with electrical and telemetry consultants for the lift stations. Coordinated with elected officials to develop traffic control, roadway closure, and detour plans. Project completed within budget and planned schedule.

70th Avenue Water Main Extension, City of Tumwater: Nhan was project engineer/manager responsible for planning, design, and construction for the project. This project was to extend the water main to fill the gap in the system to support redevelopment of the area, and to improve fire flow protection. Tasks included existing data collection, hydraulic analysis, field investigation, fire flow capacity evaluation, alternative analysis, construction easements, and final PS&E documents. Coordinated with elected officials to develop traffic control, roadway closure, and detour plans. Project completed within the budget and planned schedule.

Sanitary Sewer Comprehensive Improvement Plan, City of Tumwater: Nhan was the project engineer/manager responsible for hydraulic analysis of the City of Tumwater sanitary system and future expansion. Performed data collection, field investigation, research, and other work as required to build the sanitary sewer model. Tasks included analysis of all characteristics and behavior of the entire wastewater system including wastewater flows, system load, I/I study, lift station flows and capacity, wet/dry weather sewage flows, service area, and future expansion. The hydraulic model and system hydraulic analysis were subsequently utilized to determine several major capital facility plan improvements. The sanitary service area was 2.5 MGPD (ADF) consisting of 27 lift stations and associated force mains, and the gravity collection mains.

Atalia Raskin, PE

PROJECT MANAGER / CONVEYANCE ENGINEER

Atalia is a water resources engineer with 21 years of experience. She specializes in complex hydrologic and hydraulic modeling and urban-drainage design. Atalia has focused experience in conveyance design and efficiently creates hydraulic models, analyzes results, and proposes constructible solutions for capital improvement projects. Atalia has relevant and local experience with stormwater-related efforts in the Willamette Valley including over 30 projects within Clackamas County and Water Environmental Services jurisdiction.

Education

BS, Environmental Engineering, Oregon State University

Registrations

Professional Civil Engineer, Oregon, 74328PE

Years of Experience

21

Relevant Project Experience

Lebanon East Side and West Side Sanitary Sewer Interceptor, for City of Lebanon, Lebanon, Oregon: Atalia provided design engineering on two sanitary sewer master planning projects for the City of Lebanon. Atalia developed and reviewed the hydraulic models in the XPSWMM platform developed from City GIS data, as-builts, and regional LiDAR. The sanitary sewer models were calibrated using flow gage data to capture inflow into the sewer. For the Sanitary Sewer Interceptor project, Atalia recommended pipe sizes and a preferred conveyance route.

SW 198th Sanitary Sewer Relocation, for Clean Water Services, Washington County, Oregon: Atalia provided engineering design services for this fast-tracked project. The project was composed of realigning a sanitary sewer line alongside two proposed bridges, in Washington County. The design included two stream crossings with grade control structures designed to be incorporated into the stream and a flow diversion manhole. Sanitary sewer protection measures included anti-seepage collars to prevent water from flowing along the utility trench. The design followed Clean Water Services Design and Construction Standards.

A Better Red Project: Red Line Extension and Reliability, for TriMet, Portland, Oregon: DEA provided design for the Red Line Extension project, which included the relocation of an 18-inch sanitary sewer forcemain to avoid conflicts with the new track line. Atalia assisted with the design, plan and profile production, and obtaining the City of Portland's public works permit. Project elements included two new air release valves, a 6-inch sewer connection, directional drilling installation and connecting to an existing pipe containing asbestos.

Fanno Creek Restoration Design and Permitting Services, for Clean Water Service District, Beaverton, Oregon: The Fanno Creek Restoration project realigned a heavily urbanized section of stream in Beaverton. The project increased stream sinuosity and provided riparian restoration and fish habitat through plantings and placement of root wads and logs. Atalia was the lead designer 12-inch sanitary sewer realignment of a city sewer line. The design included a stream crossing and a connection to a large outside drop manhole. Sanitary sewer protection measures included anti-seepage collars to prevent water from flowing along the utility trench. The design followed Clean Water Services and City of Beaverton Design and Construction Standards.

Natalie Newcomer, PE
CONVEYANCE ENGINEER

Natalie is a water resources engineer with 14 years of engineering experience including hydrologic evaluation and hydraulic design associated with major stormwater conveyance system improvements, water quality and quantity design, fish passage design, channel relocations, and floodplain analysis. Natalie has experience in stormwater and sanitary sewer design as well as system-wide modeling and analysis. She is familiar with most commercial hydrologic/hydraulic software modeling packages, including HEC-RAS, HY-8, CivilStorm, XPSWMM, HydroCAD, FishXing, and other software packages including AutoCAD Civil 3D, ArcGIS, and Microstation InRoads and OpenRoads.

Education
BS, Environmental Engineering, Colorado State University

Registrations
Professional Civil Engineer, Oregon, 92748

Software Proficiencies
AutoCAD, WaterGEMS, InfoSEWER, GIS, Visual Basics, SharePoint, Hansen Software, Crystal Report Software, HEC-HMS

Years of Experience
15

Relevant Project Experience

Lebanon Storm Drainage Master Plan and East Side/Westside Sanitary Sewer Interceptor, for City of Lebanon, Lebanon, Oregon: Natalie served as design engineer and provided planning and engineering analysis for the City of Lebanon Storm Drainage Master Plan, and the East Side and Westside Sanitary Sewer Interceptor Master Plans. These projects included reviewing the existing stormwater sanitary sewer system capacity and identifying potential capacity deficiencies and recommended system alternatives that would improve the capacity of the existing system and accommodate proposed future development scenarios.

Newberg-Dundee Bypass (Phase 2) for ODOT, Newberg/Dundee, Oregon: Phase 2 will be a new roadway alignment that extends from the newly constructed Phase 1 farther east, through the south side of Newberg, and will connect the bypass from OR219 to a connection on OR99W. Natalie provided design engineering for the stormwater treatment facilities per ODOT requirements. The design includes six bioretention ponds, treatment swales, and roadside treatment planters. Natalie also provided quality control reviews of the bridge scour analysis for the proposed crossings.

US97/Hwy 97 Bend North Corridor Improvements, for ODOT, Bend, Oregon: The US97 Bend North Corridor project includes a new travel corridor for US97, improved intersections, ramps, grade separations, and pedestrian and bike facilities to aid with congestion and improve safety for all modes of travel. Natalie is the stormwater management task lead on this design-build project that includes the design of infiltration ponds, swales, and drywells to provide stormwater treatment for water quality and infiltration.

Fanno Creek Denny to Hall Stream Relocation, for Clean Water Services, Washington County, Oregon: Natalie conducted the hydraulic/hydrologic modeling to support selection of restoration design and bridge design. Natalie prepared the analysis and documentation for the CLOMR coordination through City of Beaverton and FEMA for floodplain alterations, and is currently working through the LOMR process. Natalie provided hydraulic analysis of the creek realignment, bridge scour, fish passage analysis, and sanitary sewer relocation, as well as floodplain mapping to support the FEMA requirements on the project.

Andi Thompson, PE
TREATMENT TASK LEAD

Andi has 27 years of experience consulting municipalities and private entities in water and wastewater projects. Her water experience includes groundwater and surface water source development, treatment plants, solids handling, booster pump station design, distribution system improvements, chemical feed, corrosion control, and storage. Her wastewater experience includes treatment plants, solids handling, collection system design, inflow and infiltration studies, and wastewater lift stations. Andi is familiar with a large variety of treatment technologies and provides the most cost-effective solution for her clients. She has worked on projects with design flows up to 19 MGD and as low as residential well and septic systems. Andi has also guided her clients through atypical challenges such as FEMA disaster aid reimbursement, which occurred during one of her projects.

Education
BS, Engineering Operations, Environmental Engineering Emphasis, Iowa State University

Registrations
Professional Environmental Engineer, New York, 089458

Professional Environmental Engineer, Washington, 23005984

Years of Experience
27

Relevant Project Experience

Replacement and Force Main UP3714 for City of Everett, Washington: DEA was retained to provide design engineering services to the City for the construction of a new lift station and force main. Andi designed the lift station using a pre-determined flow rate. A new concrete wet well approximately 36' deep was required to connect flow from the existing sewer system. New pumps, controls, and piping are proposed. A separate valve vault was also designed. Andi coordinated with the City and an electrical sub-consultant during the design. Andi also designed ancillary units to the force main such as air release valve vaults, flush port connections, blow off vault, and a connection manhole that housed piping and a sewer main tap.

Sewer Improvements for City of Blaine, Washington: DEA was retained by the City of Blaine to provide design engineering and surveying and limited construction support engineering services to be provided in support of the City's project to replace and modify four segments of existing sewer main east of I-5. The project includes replacement of approximately 4,600 feet of existing sanitary sewer main and installation of about 2,180 feet of new pipe. Andi coordinated with utilities and addressed design challenges associated with utility conflicts and the addition of flow metering the City requested. She prepared the project manual and quality review of the overall design.

Wastewater Treatment Plant Upgrade, Town of Greenport, New York: During her time consulting in New York, Andi was with a firm hired by the Town to upgrade their existing 0.83 MGD wastewater treatment facility which had suffered a process failure. The completed project included new headworks, treatment, and solids handling processes. The project was under an aggressive schedule to design and construct the 1.35 MGD facility due to an Order on Consent with the State. Severe amounts of inflow and infiltration into the facility added further challenge to the design. Andi led a multidisciplinary team including architects, electrical designers, and mechanical designers to complete the project while ensuring the Town was not penalized further by the Order on Consent.

Craig Christensen, PE
SEWER REHAB TASK LEAD

Craig Christensen has 16 years of experience in planning, managing, designing, and construction management of wastewater, water, and stormwater infrastructure projects and general engineering on-calls. Craig has worked on all phases (planning, managing, pre-design, assessment/evaluation, design, bidding, construction, and closeout) of various projects specifically including the repair, replacement, and/or rehabilitation of water piping (mains and services), sewer piping (mains and laterals), storm drain piping, sewer lift stations, water pump stations, reservoirs, and PRV's. He has prepared and reviewed reports, memos, pay estimates, shop drawing reviews, comprehensive system drawings, project manuals, technical specifications, construction drawings, construction cost estimates, quantity takeoffs, operation and maintenance manuals, and bid and contract documents. Other specific tasks include pipe evaluation (CCTV review), hydraulic modeling, drafting, construction field support, construction inspection, subsurface utility exploration, site layout, and associated documentation. His communication skills and organized project approach assure his clients that their projects are addressed efficiently and completely.

Education
BS, Civil Engineering, University of Washington

Registrations
Professional Civil Engineer, Washington, 51063

Years of Experience
16

Relevant Project Experience

2019, 2021, & 2024 (in progress) Pipe Defect Repair, for City of Bellevue Utilities Department, Bellevue, Washington: Craig was the project manager responsible for project management and project coordination and preparing drawings, project manual, permits, a basis of costs, and a construction cost estimate to repair sewer and storm drain lines throughout the City of Bellevue. This is an ongoing pipe defect repair program with the City of Bellevue that was started in 2019.

Citywide CIPP Sewer Rehabilitation – Phase 3 Project, for City of Edmonds, Washington: Craig was the project manager responsible for the design for the project which included the rehabilitation, replacement, relocation, and addition of specified sewer segments at six sites throughout the City. The work area included approximately 13 sewer segments totaling approximately 5,207 feet of sewer main ranging from 6 to 18 inches in diameter. Work included review of sewer video inspection records, review of as-built records, determining types of repair for each fault, as well as helping prepare the scope of work, reports, drawings, project manual, cost estimate, and project summary.

Lower Cherry Loop Utility Improvements, for Highlands Utility District, Shoreline, Washington: Craig was the project manager responsible for project management and project coordination and preparing drawings, project manual, cost estimate, and permitting to improve the sewer and storm utilities in the Lower Cherry Loop area by installing approximately 555 feet of 8-inch sewer main via directional drilling, approximately 500 feet of 8-inch sewer main via open cut, approximately 500 feet of 8-inch perforated storm drain main via open cut, and replacing existing roadway storm drainage pipe. Work also included the installation of private residential pump stations and force mains on the specified lots.

Education

MS, Environmental Science (Water Resources Emphasis), Indiana University

BS, Agricultural Economics (Business Management and Marketing Emphasis), Cornell University

Continued Education, Wetland Delineation, Wetland Mitigation, NW Plant Identification courses, Portland State University

GIS Skills

GIS: ARC Map software

GPS: Trimble Pathfinder and GeoXH

GPS receivers and post-processing software

Years of Experience

27

Ethan Rosenthal

ENVIRONMENTAL LEAD

Ethan has 27 years of experience working in the field of applied ecology, where he has served as a project manager and a task leader, and in other technical roles. He has worked on a wide variety of built and natural infrastructure projects, from wetland permitting for park and trail projects, to water use and water quality investigations, watershed assessments, and large-scale habitat restoration and conservation projects. Ethan is adept at integrating detailed project specifics with the overarching project goals to obtain practical solutions that meet client objectives and regulatory requirements.

Relevant Project Experience

Willamette Water Supply Program, for TVWD, City of Hillsboro, and City of Beaverton, Hillsboro, Oregon: The WWSP includes expanding the existing water treatment plant and constructing approximately 30 miles of pipeline and treated water storage tanks. From preliminary design through permit acquisition, Ethan has led the successful acquisition of CWA, Section 404/DSL Removal-Fill permits. Ethan led all wetland surveys and coordinated with the design team to minimize impacts and obtain the information necessary to support permit applications using 30% design. Ethan is now supporting the design/construction permit compliance.

Fanno Creek Enhancement – Denney to Hall, for Clean Water Services (CWS), Washington County, Oregon: Ethan is DEA's project manager and lead ecologist for this project, currently providing post-construction compliance monitoring required by the Oregon Department of State Lands permit. DEA also provided the following services: environmental permitting, trail bridge design, survey, and floodplain modeling along with a FEMA Letter of Map Revision (LOMR).

SW 198th Avenue Improvements for Washington County, Oregon: Ethan was the environmental lead, coordinating wetland delineation and permitting, Clean Water Services (CWS) Service Provider Letter, and ODFW Fish Passage Plan approvals. He also supported coordination efforts between the County, CWS, and DEA regarding stormwater approaches, including the County's desire for certainty in the process and CWS's interest in incorporating a new approach through stream system resiliency.

Clackamas Water Environment Services Interceptor Project for Clackamas WES: The DEA / Carollo Engineers team was selected by Clackamas WES to develop the design of improvements needed to increase the capacity of approximately 5-miles of large-diameter sanitary conveyance pipeline through urban Clackamas County. DEA supported this win by providing the expertise necessary to address design and construction challenges, such as bridge and highway crossings, a railroad crossing, and multiple creek crossings with ESA-listed fish. DEA will provide the following services: Survey, Traffic/Roadway Design, Bridge Design, Railroad Coordination, and Environmental/Land Use Permitting.

Galen Norgang
DESIGNER / INSPECTOR TASK LEAD

Galen has 18 years of experience as a hydraulic, water resources, and stormwater engineer. He has experience working construction management on water, wastewater, and transportation projects. His work includes pipelines, treatment structures, pump stations, operation facilities, and roadways. He has specific experience working with large diameter pipe projects up to 90 inches in diameter and of multiple different materials. During the design Galen has worked with large diameter pipe manufacturers to develop improved products and testing. Additionally he has significant experience with construction methodology of large diameter pipe, as he has worked with contractors as a construction manager and inspector.

Education
BS, Environmental Engineering, Oregon State University

Registrations
Professional Civil Engineer, Oregon, 77786

Certifications
ODOT General Construction Inspector

ODOT HMAC Construction Inspector

ODOT Erosion Control Inspector

ODOT Bridge Construction Inspector

Years of Experience
18

Relevant Project Experience

Elk Creek Sewer Crossing, for the City of Elkton, Oregon: Galen was the designer and client contact for this forced sewer main improvement project, where horizontal directional drilling construction methods were selected to make a 325 foot crossing under Elk Creek.

Redmond Water Pollution Control Facility Modifications, for the City of Redmond, Oregon: Galen was the construction manager for a $10 million upgrade to the City of Redmond's wastewater treatment facility. Improvements included more than 3 miles of gravity/pressure flow effluent pipeline, expansion of infiltration beds, one 60-foot diameter sedimentation tank, a new headworks facility, an augmented process control system, and various plant piping systems. Galen provided construction observation, documentation, and administration support during construction.

Wyndemere Sewage Pump Station, for the City of Bend, Oregon: Galen was the construction manager for a 200 gpm sewer pump station and 3,500 feet of 6-inch force main. He provided construction observation, documentation, and administration support during construction.

Irving Avenue Bridge Replacement, for ODOT, Astoria, Oregon: Galen was the designer of 625-foot watermain replacement associated with the replacement of a bridge, in Astoria, Oregon. The design required coordination with the bridge designers, City of Astoria, and ODOT. Unique site conditions and client needs required creative design methods, including sequencing the construction of the suspended watermain prior to bridge construction.

Mountain High Waterline Phase II: Cul-de-Sacs Waterline Improvements, for the City of Bend, Oregon: Galen was the designer and client contact for this domestic waterline improvement project, where 2,900 feet of 8-inch waterline was design to replace aging infrastructure in an existing residential area. Additionally, the project included 46 water services, 8 hydrants, 8 blow-off assemblies, 6 air release valves, 9 valves, 74 bends, and multiple fittings. The project required detailed attention to design due to meandering roadways and an extensively non-uniform existing utility layout.

Sara Gilbert, GISP
GIS ANALYST

Sara is a GIS project manager with 28 years of professional experience supporting environmental, land use, census, engineering, and transportation projects. She utilizes ESRI ArcGIS software for geodatabase design, modeling, spatial data analysis, CAD data integration, LiDAR data manipulation, and mapping. Her experience supporting a wide variety of projects, including EISs and EAs, site suitability indices, wetland and critical habitat delineations, and risk assessments, enables her to provide efficient, effective data management and project support. She is consistently recognized internally and by clients for providing quality detailed maps, statistical analyses, and useful geospatial data.

Education

MS, Earth Sciences (GIS),
Montana State University

BS, Geography,
McGill University (Montreal)

Registrations

Geographic Information Systems Professional (GISP)

Years of Experience

28

Relevant Project Experience

West Side Sanitary Sewer Interceptor Analysis, for the City of Lebanon, Oregon: DEA is providing planning and engineering analysis for the City of Lebanon West Side Sanitary Sewer Interceptor. DEA is reviewing the existing sanitary sewer system capacity and identifying potential capacity, deficiencies and recommended system alternatives that would improve capacity of the existing system and will accommodate proposed future development scenarios. Sara is the GIS task lead responsible for the incorporation of as-built record data and translation of sanitary sewer GIS data into an XP-SWMM hydraulic model. She also is responsible for the generation of anticipated sanitary sewer flows (from land use data).

Willamette Water Supply Program Preliminary Design and Permitting, for Tualatin Valley Water District and the City of Hillsboro, Oregon: TVWD, the City of Hillsboro, and other municipalities are collaborating to develop the mid-Willamette River at Wilsonville as the next water supply source for their communities. The Willamette Water Supply Program includes an expansion of the existing water treatment plant and the construction of approximately 30 miles of pipeline and treated water storage tanks. As part of the preliminary design phase of the program, DEA prepared a strategy to permit the program. DEA is now working with TVWD, the City of Hillsboro, and the program's staff to implement the permitting strategy and obtain natural resource and land use permits to support construction. Sara serves as the task lead responsible for GIS data development and mapping in support of wetland delineations, wetland permitting, and mitigation planning efforts.

Upper Klamath Basin Water Management and Drought Contingency Planning, for the Klamath Tribes, Oregon: As GIS project manager, Sara created a geodatabase to house and integrate hydrologic, irrigation, vegetation, and terrain data received from multiple sources. Three tools were developed using ArcGIS model-builder to rank lands by potential for conversion to upland grazing, pasture renovation of bottomlands and uplands, riparian pasture establishment, and juniper management. The deliverables for this project included acreage estimates, GIS thematic layers, and maps created in support of the hydrological, water use and allocation, and land management technical reports.

Brookley Henri, PLA, CESCL
LANDSCAPE ARCHITECT

Brookley is a landscape architect with 23 years of experience producing construction documents and presentation graphics for projects ranging from urban corridors to ecological restoration sites. She specializes in native and ornamental planting design, erosion control design and permitting, site grading and planting for natural area restoration, streambank rehabilitation, and wetland and floodplain mitigation projects. Brookley has served as the task leader of landscape architecture and erosion control for a wide variety of projects.

Education
BLA, Landscape Architecture, University of Oregon

Registrations
Registered Landscape Architect, Oregon, 727

Certifications
Certified Erosion and Sediment Control Lead (CESL), Oregon and Washington, 6109

Certified Environmental Construction Inspector, ODOT, 49090

NCI Charrette System Training, National Charrette Institute

Software Proficiencies
AutoCAD/Civil 3D 2012-2015, MicroStation V8i, XM

Years of Experience
23

Relevant Project Experience

US20 Pioneer Mountain to Eddyville, for Oregon Department of Transportation, Oregon: Brookley served as a landscape architect, erosion control designer and quality reviewer for this highway construction project near Eddyville, Oregon. This large, complex, multi-year project included three fish-bearing streams, an active landslide, immense roadway cuts and fills, and sensitive natural areas for wildlife.

Sellwood Bridge Replacement, Multnomah County, Oregon: Brookley served as landscape architect for this project. She provided residential site restoration design, ornamental and native planting design, construction documents, and presentation graphics. She also served as the full-time environmental construction inspector for the Powers Marine Park mitigation site for this project, and provided construction inspection for several other planting sites associated with the project.

SR520 Eastside Transit and Fish Passage Structures, for WSDOT, Washington: Brookley served as a landscape designer for this fish passage project in Washington. The project included planting design for floodplains and fish streams, bank stabilization and habitat design, and preparation of construction documents.

Mill Creek Drive, North Fork Rogue River Bridge, Jackson County, Oregon: Brookley served as landscape architect for the Mill Creek Drive bridge rehabilitation project on the North Fork of the Rogue River in Jackson County, Oregon. She was responsible for the water quality planting design, erosion control design, and preparation of related construction documents.

Orchard Park Outfall Mitigation and Repair, Hillsboro, Oregon: As landscape designer, Brookley prepared presentation graphics and construction documents for the planting design, channel restoration, and bank stabilization for this project in the city of Hillsboro, Oregon.

Rock Creek Trail Orchard Park, Hillsboro, Oregon: As landscape designer, Brookley was responsible for presentation graphics, permitting report graphics, planting design, erosion control design and permitting, and construction documents. Brookley also served as the full-time environmental construction inspector throughout the construction of this project.

PROPOSAL CERTIFICATION
RFP #2025-01

Submitted by: David Evans and Associates, Inc., (Oregon)
(Must be entity's full legal name, and State of Formation)

Each Proposer must read, complete and submit a copy of this Proposal Certification with their Proposal. Failure to do so may result in rejection of the Proposal. By signature on this Proposal Certification, the undersigned certifies that they are authorized to act on behalf of the Proposer and that under penalty of perjury, the undersigned will comply with the following:

SECTION I. OREGON TAX LAWS: As required in ORS 279B.110(2)(e), the undersigned hereby certifies that, to the best of the undersigned's knowledge, the Proposer is not in violation of any Oregon Tax Laws. For purposes of this certification, "Oregon Tax Laws" means the tax laws of the state or a political subdivision of the state, including ORS 305.620 and ORS chapters 316, 317 and 318. If a contract is executed, this information will be reported to the Internal Revenue Service. Information not matching IRS records could subject Proposer to 24% backup withholding.

SECTION II. NON-DISCRIMINATION: That the Proposer has not and will not discriminate in its employment practices with regard to race, creed, age, religious affiliation, sex, disability, sexual orientation, gender identity, national origin, or any other protected class. Nor has Proposer or will Proposer discriminate against a subcontractor in the awarding of a subcontract because the subcontractor is a disadvantaged business enterprise, a minority-owned business, a woman-owned business, a business that a service-disabled veteran owns or an emerging small business that is certified under ORS 200.055.

SECTION III. CONFLICT OF INTEREST: The undersigned hereby certifies that no elected official, officer, agent or employee of Clackamas County is personally interested, directly or indirectly, in any resulting contract from this RFP, or the compensation to be paid under such contract, and that no representation, statements (oral or in writing), of the County, its elected officials, officers, agents, or employees had induced Proposer to submit this Proposal. In addition, the undersigned hereby certifies that this proposal is made without connection with any person, firm, or corporation submitting a proposal for the same material, and is in all respects fair and without collusion or fraud.

SECTION IV. COMPLIANCE WITH SOLICITATION: The undersigned further agrees and certifies that they:

1. Have read, understand and agree to be bound by and comply with all requirements, instructions, specifications, terms and conditions of the RFP (including any attachments); and
2. Are an authorized representative of the Proposer, that the information provided is true and accurate, and that providing incorrect or incomplete information may be cause for rejection of the Proposal or contract termination; and
3. Will furnish the designated item(s) and/or service(s) in accordance with the RFP and Proposal; and
4. Will use recyclable products to the maximum extend economically feasible in the performance of the contract work set forth in this RFP.

Name: Doug Gates
Date: February 20, 2025
Signature: Douglas B Gates
Title: Associate, Project Manager
Email: dbg@deainc.com
Telephone: 503.499.0373
Oregon Business Registry Number: 114015-10
OR CCB # (if applicable):

Business Designation (check one):
☒ Corporation ☐ Partnership ☐ Sole Proprietorship ☐ Non-Profit ☐ Limited Liability Company

☒ Resident Quoter, as defined in ORS 279A.120
☐ Non-Resident Quote. Resident State:

CLACKAMAS COUNTY WATER ENVIRONMENT SERVICES

WATER ENVIRONMENT SERVICES

ENGINEERING MASTER CONTRACT ON-CALL ENGINEERING SERVICES

WATER RESOURCES ENGINEERING

RFP #2023-01

DAVID EVANS AND ASSOCIATES INC.

February 20, 2025

www.deainc.com

DAVID EVANS
AND ASSOCIATES INC.

Water Resources Engineering

RFP #2025-01

February 20, 2025

Clackamas County
Clackamas Water Environment Services
150 Beavercreek Rd.
Oregon City, OR 97045

Dear Selection Committee Members,

The Clackamas Water Environment Services (WES, District) Engineering On-Call Master Contract is essential to supporting its Water Resource Engineering system needs by providing stormwater services and other services under water resources. David Evans and Associates (DEA) is thrilled to submit our statement of qualifications to assist the District in achieving its goals. Our local office has built a partnership with the District on your WES Interceptor, SE 117th Ave, and Solomon Court Stormwater Improvement projects, and we are eager to extend our services to assist the District with other water resources engineering projects. From conveyance extensions and rehabilitation work to complex water quality and quantity best management practice (BMP) designs, to drywell systems, surface water management and system master planning, DEA's experienced and dedicated team is ready to deliver practical and innovative solutions to meet the District's needs.

Our team is passionate about collaborating with the District to address water resources improvement challenges while delivering sustainable, high-quality project outcomes. With a deep understanding of the infrastructure and environmental enhancement improvement needs, DEA is experienced in supporting the continued delivery of efficient water resource improvement projects. We are confident our expertise and proven track record make us a premier partner in supporting the District's water resource projects and driving long-term community sustainability.

Our team offers specialized water resource engineering expertise under this professional services roster, including but not limited to the design and implementation of:

- Project Management
- BMP Design
- Sustainable Watershed Management Design
- Hydraulics and Hydrology
- Collection and Conveyance System Design
- Stormwater and/or Drainage System Analysis
- Environmental Compliance and Permitting
- Stormwater Master Planning
- Floodplain Permitting and Analysis
- Stream Restoration and Enhancement Designs

We also provide supplemental services such as surveying, public involvement, GIS, asset management, and construction inspection to facilitate the full-service successful delivery of all aspects of water resource related projects.

DEA takes pride in delivering work efficiently and effectively. With a dedicated team of experienced water resource engineers, scientists, project managers, and planners, and a streamlined workflow, we are well-equipped to handle District needs with precision and timeliness. Our proactive approach focuses on advanced planning, resource allocation, and seamless communication to assure that we meet or exceed client expectations. This commitment to reliability, accountability, and responsiveness has established DEA as a trusted partner to the District and other agencies throughout the Pacific Northwest.

We are excited about the opportunity to collaborate with the District on future water projects and contributing to the long-term sustainability and livability of the community. Our team is ready to hit the ground running, bringing both local knowledge and the resources of a firm experienced in water resource engineering improvements. If you need additional information, please get in touch with me at 503.499.0373 or via email at dbg@deainc.com.

Sincerely,
DAVID EVANS AND ASSOCIATES, INC.

Douglas Gates, PE
Associate, Project Manager

Brian Meunier, PE
Associate, Project Manager

SECTION 5.2 Introduction

DEA is pleased to present our qualifications for the **Water Resources Engineering** category of the Water Environment Services Engineering Master Contract: On-Call Engineering Service Request for Proposals. Our firm's resources, local experience, project team, and approach to delivering on-call work are outlined in this Statement of Qualifications, which is valid for 90 days.

Legal Name and Contact Information
David Evans and Associates, Inc.
2100 S. River Parkway, Suite 100, Portland Oregon 97201
phone 503.223.6663 | fax 503.223.2701

SOQ Contact and Master Contract Authorized Signer
Douglas Gates | 503.499.0373

SECTION 5.3 Firm Resources

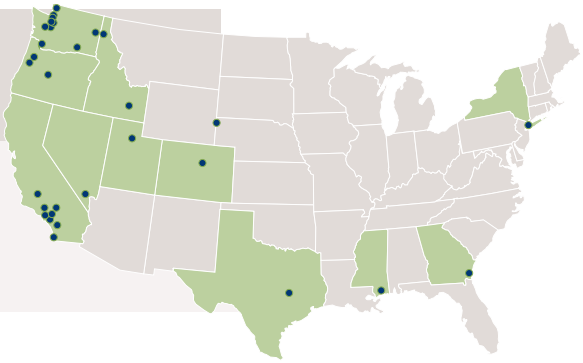
DEA PROFILE

DEA is a multidisciplinary, employee-owned firm with almost 50 years of experience combining the talents of project managers, engineers, planners, surveyors, scientists, GIS specialists, and landscape architects prepared to provide the District full-service water resources infrastructure planning, engineering, and environmental / permitting services. Our water resources engineers and planners blend creativity, practical experience, and technical knowledge and expertise to deliver solutions that meet design standards and permit requirements, and help our clients achieve their goals.

INCORPORATED IN 1976
Corporate Office: 2100 South River Parkway, Suite 100, Portland, OR 97201

1000+ Employees Nationwide

31 Offices



Our flexible, responsive professionals are prepared to provide the District with a full range of services. Our Water and Environment Business Unit has more than 70 highly-committed professionals who specialize in delivering stormwater management, riparian/watershed-based sustainable restoration, water recovery systems, and other water resource–related projects in the Pacific Northwest.

DEA will staff on-call work primarily out of our Portland office with added support from our Salem, Bend, Olympia, and Bellevue offices on an as-needed basis. We've optimized our execution of on-call assignments with effective management practices, efficiently handling multiple task orders through a skilled team. Our technical and managerial staff have the depth of experience, professional maturity, and dedication required to evaluate problems and develop right-sized and creative solutions to the most complex situations and challenging environments. Our team has project management, engineering, planning, permitting, scientist, and design leaders ideally suited to execute task orders (large to small) for this contract. These staff are chosen for their dedication, technical leadership, specialized expertise, best fit, and availability to provide focused attention to the District's needs.

DEA's team is available to begin work as soon as projects are initiated, with the flexibility to adjust resources to meet fluctuating project demands. With a robust team dedicated to water resources projects, we have both the depth and breadth to address all aspects of the District's water resource needs. DEA can perform all but niche services in-house, and we can streamline the project workflow, avoiding the delays and complexities often associated with coordinating multiple subconsultants. We have extensive resources companywide, which we can draw upon as needed by utilizing DEA's workshare system. This enables us to bring additional expertise and capacity to projects without delay, adding more flexibility and depth to project teams when necessary.

DEA'S EXPERIENCE WITH WATER RESOURCES ENGINEERING

With over 30 years of experience providing professional water resources engineering and planning services across the Pacific Northwest, DEA has developed strong relationships with cities, counties, highway districts, special use districts, state and regional departments and regulatory agencies. DEA's local experience starts within the District's jurisdiction and extends throughout the Northwest. Water resource project management and design experience and expertise includes very small to very large and complex conveyance, water quality and quantity facilities, stream restoration, floodplain assessment and mapping, permitting, and system master planning projects. We have the dedication, passion, skills, expertise and experience to tackle any size water resource challenge.

FEATURED PROJECTS

SE 117TH AVE STORMWATER IMPROVEMENT PROJECT

Clackamas WES | Happy Valley, Oregon

An existing stormwater conveyance system in SE 117th Ave. traverses private property, and discharges to the west down to Mt Scott Creek. The pipe to the creek is broken and the property owner is concerned about erosion. The District hired DEA to design a stormwater system to redirect this flow to the southeast to an existing stormwater management pond adjacent to SE 117th Ave. This project includes providing survey, final plans, specifications and estimate and supporting engineering services.

Client reference: Leah Johanson, Sr. Civil Engineer, 503.557.6391, LJohanson@clackamas.us

CLACKAMAS AREA INTERCEPTORS UPGRADE PROJECT

Clackamas WES | Clackamas County, OR

DEA, as part of the Carollo Engineers/DEA consultant team, is providing environmental (permit strategy, wetland and waterway delineation and permitting, natural resource site restoration plans, local land use permitting), land survey, roadway repair and traffic design, and rail coordination services for this important District project. The District wants to complete capacity upgrades on the existing Clackamas Area Interceptors per their Sanitary Sewer Master Plan. The Project includes approximately 5 miles of pipe and capacity upgrades which are needed at varying timeframes. The Project is expected to take 4 years to complete design, permitting, and easement acquisition activities, with construction happening in a phased approach between 2026 and 2035 depending on when the capacity in the specific section of interceptor is required.

Client reference: Jessica Rinner, Supervising Civil Engineer, 503.742.4567, JRinner@clackamas.us

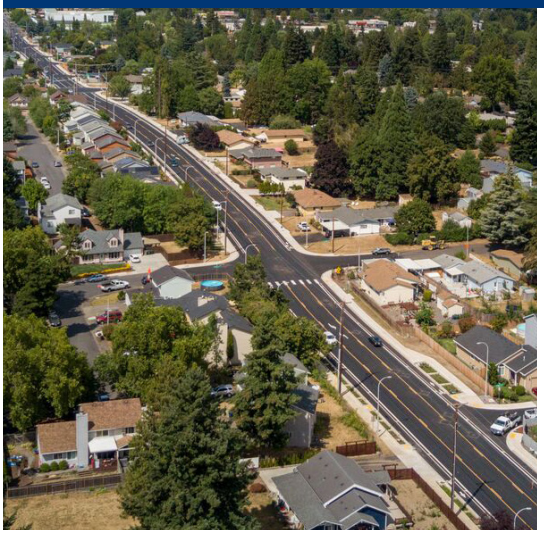
SOLOMON COURT STORMWATER IMPROVEMENT PROJECT

Clackamas WES | Happy Valley, Oregon

An existing stormwater conveyance system in Solomon Court passes through private property within a public easement. The 10-inch diameter pipe within the easement was crushed and broken, leading to the development of a sink hole. The District hired DEA to perform a system analysis, replacement design, and provide supporting engineering services.

Client reference: Leah Johanson, Sr. Civil Engineer, 503.557.6391, LJohanson@clackamas.us

SW 198TH AVENUE IMPROVEMENTS

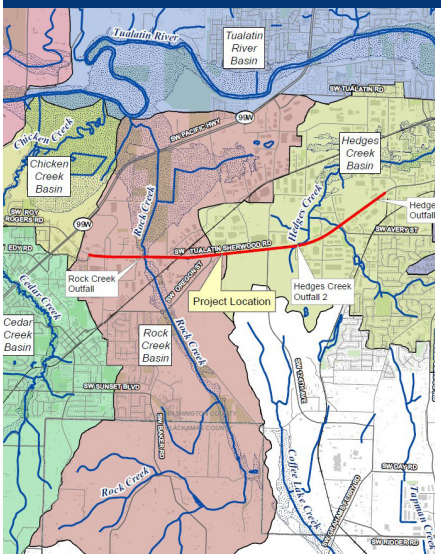


Washington County | Aloha, Oregon

DEA provided full design services for the improvement of SW 198th Avenue. Water resource improvements included adding just under 2 miles of stormwater conveyance systems, multiple BMPs including two water quality and detention ponds, one swale, and 18 planters. DEA collaborated with CWS in consideration of real time control ponds (smart ponds) to help mitigate hydro-modification flow control, balance drainage throughout the watershed, and minimize urban space constraints. Other project elements lead by DEA included two bridges that alleviated local flooding, sanitary sewer relocation/ stream crossing, environmental and permitting, and survey services.

Client reference: Matt Costigan, Sr. Project Manager, 503.846.7825, matthew_costigan@washingtoncountyor.gov

SW TUALATIN-SHERWOOD ROAD PROJECT



Washington County | Tualatin, Oregon

DEA prepared the final plans, specifications, and estimates for this project to widen the road from three to five lanes. The stormwater design for the project followed SLOPES V and Clean Water Services (CWS) requirements for water quality and hydromodification treatment and conveyance design. DEA worked with the County to provide a regional stormwater management approach to facilitate and minimize maintenance requirements. The design includes three separate bioretention ponds for water quality treatment and hydromodification flow control detention. This project also accommodated the Willamette Water Supply Program's 66-inch waterline project. The project stormwater management improvements were designed specifically to avoid conflicts with the proposed waterline and other utilities in this highly urban environment.

Client reference: Matt Meier, Project Manager, 503.8469.7829, matt_meier@co.washington.or.us

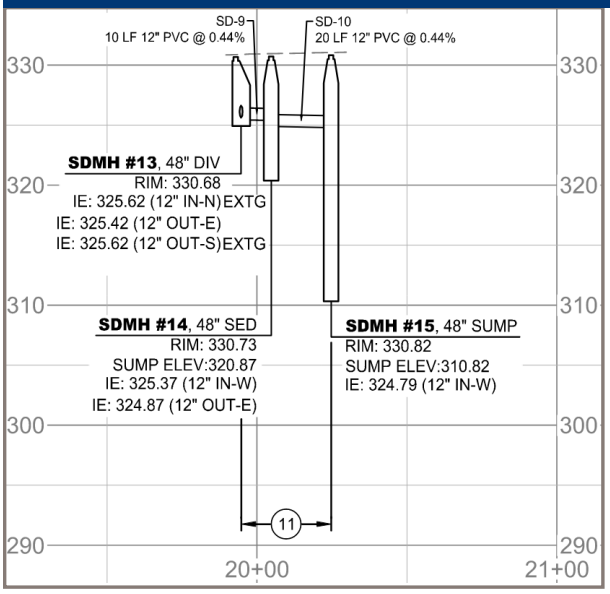
FANNO CREEK RESTORATION

Clean Water Services | Hillsboro, Oregon

The Fanno Creek Restoration Project realigned a heavily urbanized section of stream in Beaverton, Oregon. The project increased stream sinuosity, provided riparian restoration and fish habitat through plantings and placement of root wads and logs. DEA completed the environmental permitting, survey, trail and pedestrian bridge design, and the floodplain permitting. DEA worked closely with CWS staff to understand the clients' needs and manage project challenges, including ensuring needed permits were in place to meet the inwater work window. DEA continues to provide post-construction compliance monitoring required by the Oregon Department of State Lands. Additionally, due to the changes in the floodway, a CLOMR and LOMR application was submitted and obtained from FEMA. DEA completed a HEC-RAS model of Fanno Creek between SW Denney Road and SW Cindy Street to show a no-rise condition and found the project removed enough fill to increase floodplain connectivity, and available storage during all flood events.

Client reference: Matt Brennan, Senior Engineer, 503.705.5718, brennanm@cleanwaterservices.org

SANDY BLVD WATER QUALITY MITIGATION



Multnomah County | Gresham, OR

To mitigate for stormwater water quality treatment and flow control management that cannot be achieved on other project sites (totaling 1.94 acres), Multnomah County hired DEA to design six infiltration systems each including a diverter manhole, a water quality manhole, and a drywell manhole as offsite mitigation in NE Glisan Street west of NE 238th Drive. Project challenges include conflicts with a 12-inch water line, constrained to installation within one lane of traffic, and constrained to not encroach into cross street intersections.

Client reference:
Stephen McWilliams, PE, 971.291.7006, stephen.mcwilliams@multco.us

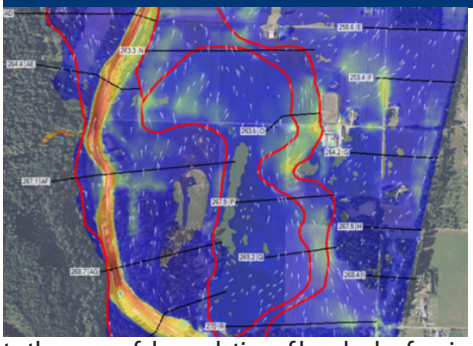
STORMWATER AND DRAINAGE SYSTEM ANALYSIS

DEA specializes in stormwater infrastructure planning, design, permitting, environmental assessment, constructibility assessment, and construction inspection, focusing on integrating site-specific water resource systems into broader planning goals and permit requirements. DEA is on the pulse of corresponding stormwater management regulatory trends. We design small to very large stormwater drainage systems that often include conveyance, water quality treatment, flow control best management practices (BMP), and low impact development (LID) elements. Software design tools that we use includes a range of stormwater analysis software (ArcGIS, Infoworks ICM, HydroCAD, and Autodesk Storm and Sanitary) and custom-built tools to streamline processes like drainage area, catchment delineation, hydrologic property generation, and floodplain mapping. We also use web based tools such as ODOT's TransGIS, USGS StreamStats, NRCS Web Soil Survey, and OWRD Peak Discharge Mapping Tool, etc. Our environmental specialists including biologists, regulatory liaisons, and permitting experts, collaborate throughout the process to deliver integrated solutions that balance gray and green infrastructure, confirming that the project is both constructible and permit-friendly. We recognize that attention to detail in stormwater planning and design is key when adding new infrastructure to an existing system. DEA's focus and expertise is in creating systems that integrate seamlessly into urban and rural environments.

RELATED SERVICES

- Design storm simulation and observed event simulation/ calibration
- Site-specific stormwater collection and conveyance design
- Site-specific stormwater management design using gray and green infrastructure
- Regional stormwater quality management planning/design
- Regional stormwater retention/ detention planning and design

SUSTAINABLE WATERSHED



DEA provides comprehensive wetland, river, and stream consulting services through a multidisciplinary team of licensed surveyors, engineers, hydrologists, ecologists, landscape architects, geomorphologists, biologists, and restoration designers. Our expertise in water-related projects has led to the successful completion of hundreds of projects requiring a No-Rise Certification. DEA's team has extensive experience preparing and navigating Conditional Letter of Map Revisions (CLOMRs)/Letter of Map Revisions (LOMRs) through the FEMA process, securing approvals that have facilitated responsible development and removed numerous properties from FEMA floodplains.

Our team is skilled in a variety of models, including HEC-HMS, HEC-RAS, Infoworks ICM, SMS/SRH-2D, HY-8, Culvertmaster, Flowmaster, Civil3D, and ArcGIS, allowing us to deliver precise technical analysis and hydraulic reporting, and permit documentation and applications.

RELATED SERVICES

- 1D and 2D hydrologic and hydraulic analysis of water bodies
- FEMA Letters of Map Change (LOMA, CLOMR, LOMR, PMR)
- Certificates of no-rise
- FEMA flood insurance studies
- Local floodplain studies and mapping
- Assistance with NFIP compliance issues (violations)
- Stream, Wetland, and Riparian Area Enhancements
- Fish Passage Designs

DEA'S TEAM FOR WATER RESOURCES ENGINEERING

DEA is fully committed to delivering the District's projects in a timely and efficient manner. As a priority client, the District's projects are important to both our firm and our dedicated contract manager, Doug Gates. The DEA team understands that the people involved are ultimately responsible for creating a successful project. Therefore, each key team member has been selected for their role based on their qualifications, experience working as a team, and ability to remain available to the District throughout the contract.

In addition to the key staff provided below, DEA has **11** water resource engineers, **5** planners, **60** construction support staff, **19** environmental compliance professionals, **4** landscape architects, and **10** erosion control specialists.

Brian Meunier, PE | Sr. Project Manager

Why Brian? Brian is a Clackamas County resident and highly skilled water resources engineer with more than 16 years of experience, including stormwater master planning, urban, industrial, and highway stormwater management, master planning and concept-level studies for river basins experiencing erosion/sedimentation issues, complex hydrology and 1D/2D hydraulic analysis of major river basins, bridge/culvert sizing and scour analyses, stream restoration/rehabilitation, and fish passage design. As a project manager, Brian confirms that expectations are understood and met. He proactively communicates potential project issues and quickly seeks resolution, earning him a positive reputation among his client partners for being responsive, organized, and confident in both his communication and management style.

Office Location: Portland, OR
Education: MS and BS, Civil Engineering
Registration: Professional Engineer, OR, 95608PE; Certified Floodplain Manager, US-18-10450

RELEVANT EXPERIENCE

- **I-84 / US-26 Culvert Repair Bundle;** Clackamas and Multnomah County, OR
- **Coho Point CLOMR;** Milwaukie, OR
- **I-205 Widening;** Clackamas County, OR
- **Alder Creek and Tickle Creek Flow Monitoring;** Sandy, OR
- **Wilsonville I-5 Pedestrian Bridge;** Wilsonville, OR
- **Flood Study and LOMR;** Douglas County, OR

Doug Gates, PE | Contract Manager, Project Manager

Why Doug? Doug is a senior water resources engineer and project manager with 29 years of experience. He specializes in project management, planning, and design of stormwater/surface water collection, and conveyance and management systems, and permitting. Other areas of expertise include designing roadway/highway drainage, detention/retention, bridge hydraulics, culvert and fish passage, low impact development (LID) and best management practices (BMPs), hydro-modification mitigation, and stream and wetland enhancement designs, as well as liaising with regulators and developing and negotiating permit strategies. Doug also specializes in drainage/hydraulic/stormwater management plan (SWMP - DEQ 401 certification) reports and documentation.

Office Location: Portland, OR
Education: BS, Civil Engineering
Registration: Professional Civil Engineer, OR, 44930PE; Professional Civil Engineer, WA, 44948

RELEVANT EXPERIENCE

- **SE 117th Ave. Stormwater Improvement;** Happy Valley, OR
- **Solomon Ct. Stormwater Improvement;** Happy Valley, OR
- **ODOT Maintenance Fish Passage Culvert Projects;** Oregon
- **Sandy Boulevard Project: Supplemental Water Quality (Glisan Street);** Multnomah County, OR

Atalia Raskin, PE | Water Resources Engineer

Why Atalia? Atalia is a water resources engineer with 21 years of experience. She specializes in complex hydrologic and hydraulic modeling and urban-drainage design. Atalia has focused experience in stormwater conveyance design, detention stormwater management methods and vegetated treatment and efficiently creates hydraulic models, analyzes results, and proposes creative and constructible solutions for capital improvement projects. Atalia has relevant and local experience with stormwater-related efforts in the Willamette Valley including over 30 projects within Clackamas County and Water Environmental Services jurisdiction. Her projects range from a regional stormwater retrofit strategy for the Phillips Creek Basin completed for WES to developing the stormwater management approach of the Sunrise Heights subdivision.

Office Location: Portland, OR
Education: BS, Environmental Engineering
Registration: Professional Engineer, OR, 74328PE

RELEVANT EXPERIENCE

- **Lebanon Storm Drainage Master Plan;** Lebanon, OR
- **Phillips Creek Basin Regional Stormwater Retrofit Strategy;** Clackamas County, OR
- **WES Stormwater Standards Review;** Clackamas County, OR
- **Bear Creek Bridge Replacement;** Clackamas County, OR

Jon Gage, PLA | Senior Landscape Architect

Why Jon? Jon is an award-winning landscape architect with 25 years of experience with a focus on urban stream restoration. He is passionate about combining habitat function with pedestrian-oriented, place-making spaces. He has extensive experience with park and AASHTO shared-use trail design and believes stream engineering projects should produce an end-product that aligns with stakeholders' visions for achieving both habitat and pedestrian objectives. Jon's extensive experience with permitting and design of stream restoration, bank stabilization, fish-passage and re-vegetation results in outcomes for high functioning and low-maintenance stream corridors. He is experienced in permitting for stream and wetland projects in accordance with federal, state, and local regulations with emphasis on Washington Department of Fish and Wildlife and US Army Corps of Engineers Section 404 approvals.

Office Location: Portland, OR
Education: MLA, Landscape Architecture; BS, Environmental Policy/Assessment
Registration: Registered Landscape Architect, Washington, 952; Registered Landscape Architect, Colorado, LA.0001242; WSDOT Fish Passage and Stream Restoration Design Training, FPT20-21834

RELEVANT EXPERIENCE

- **Tahuya River Hydrologic Modeling;** Hood Canal, WA
- **SR202 Evans and Patterson Fish Passage;** King County, WA
- **Jordan Cove LNG Terminal;** Coos Bay, OR

Ethan Rosenthal | Environmental Lead

Why Ethan? Ethan has 27 years of experience working in the field of applied ecology, where he has served as a project manager and a task leader, and in other technical roles. He has worked on a wide variety of built and natural infrastructure projects, from wetland permitting for park and trail projects, to water use and water quality investigations, watershed assessments, and large-scale habitat restoration and conservation projects. Ethan is adept at integrating detailed project specifics with the overarching project goals to obtain practical solutions that meet client objectives and regulatory requirements.

Office Location: Portland, OR
Education: MS, Environmental Science; BS Agricultural Economics

RELEVANT EXPERIENCE

- **Tualatin Valley Water District, Willamette Water Supply Program;** Hillsboro, OR
- **Fanno Creek Enhancement;** Washington County, OR
- **Clackamas WES Interceptor Project;** Clackamas County, OR

Tristan Wood, PE | Designer/Construction Project Manager

Why Tristan? Tristan has 19 years of experience working for public agencies delivering complex design and construction projects in Oregon. Tristan provides inspection, construction management, and various engineering services on multiple types of construction projects, including, pavement preservation, ADA, bridge, highway, and multi-use pathways. Before joining DEA, Tristan was the Assistant Public Works Director for Columbia County, where he managed and directed the CIP program. While at Columbia County, Tristan delivered multiple bridge, roadway, pathway, historic highway preservation, parks, and fish passage projects. While at the County Tristan managed the County Pavement Management Program.

Office Location: Portland, OR
Education: Civil Engineering

RELEVANT EXPERIENCE

- **US26 Glencoe Road;** Hillsboro, OR
- **Columbia County Emergency Culver Repairs;** Columbia County, OR
- **Millard Road Widening;** Warren, OR

Sara Gilbert, GISP | GIS Analyst

Why Sara? Sara is a GIS project manager with 28 years of professional experience supporting environmental, land use, census, engineering, and transportation projects. She utilizes ESRI ArcGIS software for geodatabase design, modeling, spatial data analysis, CAD data integration, LiDAR data manipulation, and mapping. Her experience supporting a wide variety of projects, including EISs and EAs, site suitability indices, wetland and critical habitat delineations, and risk assessments, enables her to provide efficient, effective data management and project support. She is consistently recognized internally and by clients for providing quality detailed maps, statistical analyses, and useful geospatial data.

Office Location: Portland, OR
Education: MS, Earth Sciences; BS, Geography
Registration: Geographic Information Systems Professional (GISP)

RELEVANT EXPERIENCE

- **West Side Sanitary Sewer Interceptor Analysis;** Lebanon, OR
- **Tualatin Valley Water District, Willamette Water Supply Program;** Hillsboro, OR
- **Upper Klamath Basis Water Management and Drought Contingency Planning;** Klamath, OR

SPECIALIZED SOFTWARE

Our water resources engineers are skilled in a variety of models, including HEC-HMS, HEC-RAS, Infoworks ICM, SMS/SRH-2D, HY-8, Culvertmaster, Flowmaster, Civil3D, and ArcGIS, allowing us to deliver precise technical analysis and compelling permit documentation. The GIS staff at DEA are recognized for effectively leveraging a variety of GIS products and services. Our staff use ESRI products to create, manage, map, and model data as part of the development of water resource plans, natural resource assessments, permitting support, and planning analyses.

DEA'S APPROACH

Task Order Negotiation

Effective task order negotiation is essential for delivering water resource projects that meet the District's needs while maintaining flexibility and efficiency. DEA's collaborative approach provides that each task order reflects clear project scopes, realistic timelines, and well-defined budgets. We will work closely with the District to align project priorities and resources, fostering transparency and trust.

Our experienced and dedicated project managers bring a solutions-oriented mindset to negotiations, anticipating needs and challenges, managing risks, and identifying opportunities to streamline delivery. This proactive partnership confirms that every task order supports the District's long-term goals while keeping individual projects on schedule, within budget, and meeting the needs of all stakeholders.

Project Management

The foundation of DEA's project management is based on effective collaboration with our clients. Working with the District, we will establish preferred methods of communication and emphasize responsiveness as a top priority. We'll also establish regular check-in meetings during the scope negotiation and conduct these meetings throughout the length of the project. These meetings allow us to clarify the District's expectations, debrief on project status, and discuss outstanding or anticipated issues, and creatively pivot if new scope and task needs arise as designs advances.

By developing a clear understanding of the District's needs and expectations, we can also scale the level of engagement to match the District's preferences. This allows our clients to concentrate their efforts where they are most needed, while staying confident in the progress and management of their projects. At DEA, we take ownership and accountability of our results and follow through on our commitments. This includes delivering projects on time, within budget, and to the highest quality standards.

The project manager oversees the overall design budget and schedule, and the quality manager implements a Quality Management Plan (QMP). DEA's approach has led to a history of economical design, projects with few and low-cost construction change orders, and on-time delivery.

Cost Control

Part of DEA's accountability includes being responsible with District funds. Throughout the life of a project DEA will be looking for potential cost savings measures, or a better bang for the buck. Additionally, ..., we use the scope and labor estimates to develop Work Breakdown Structure (WBS) codes that are reviewed by the project manager on a weekly basis. Weekly reviews enable the project manager to confirm that project budgets are on track with actual progress for each corresponding task using Earned Value Reports (EVRs). EVRs are an effective tool for early identification and correction of budget variances, allowing for staffing adjustments, heightened focus on efficiency, and regular confirmation that initial assumptions are matching the actual work progress. When coupled with detailed project and workload scheduling, the power of EVRs can be further increased.

Project Scheduling

DEA will provide a project schedule in Microsoft Project, a scope of work, and a labor estimate for each task order assigned to our team. Our project managers view the project schedule as the foundation for successfully managing each project. Project managers allocate time in DEA's workload planning tool for each task to specific staff so the project schedule and staff availability are reserved/protected.

By evaluating EVRs with future planned staff hours, our Project Managers can determine if there is risk of deviating from the schedule and assign additional staff to recover the time, or moderate staff effort to keep each facet of the project in sync. Anomalies in the schedule requiring more significant corrections will be discussed with the District and the project team, with necessary adjustments being made to maintain or minimize impacts to the critical path. Regular project team meetings also enforce the schedule and keep team members accountable for task progress.

Doug Gates, PE

CONTRACT MANAGER, PROJECT MANAGER

Doug is a senior water resources engineer and project manager specializing in project management, planning, and design of stormwater/surface water collection, and conveyance and management systems, and permitting. As a project manager, Doug is passionate about service excellent, relationship building, transparency, proactive communication, collaboration, accountability, creativity and efficiency. Other areas of expertise include designing roadway/highway drainage, detention/retention, bridge hydraulics, culvert, fish passage, low impact development (LID) and best management practices (BMPs), hydro-modification mitigation, and stream and wetland enhancement, as well as developing and negotiating permit strategies. Doug also specializes in drainage/hydraulic/stormwater management plan (SWMP - DEQ 401 certification) reports and documentation, and is a project facilitator and regulatory agency liaison.

Education

BS, Civil Engineering,
Oregon State University

Registrations

Professional Civil Engineer,
Oregon, 44930PE

Professional Civil Engineer,
Washington, 44948

Certifications

BASINS/HSPF by EPA, Atlanta, Georgia

HEC RAS by ASCE, Chicago, Illinois

Fluvial Geomorphology for Engineers by David Rosgen, Silver City Colorado

Software Proficiencies

ArcGIS Pro, ArcMap, AutoDesk Civil 3D, AutoDesk SSA, HEC RAS, HEC HMS, HY8, and HydroCAD

Familiar with MS Project, MGS Flood, WWHM, BASINS/HSPF, FishXing, and TRUST

Years of Experience

29

Relevant Project Experience

Lebanon Storm Drainage Master Plan, for the City of Lebanon, Oregon: Doug co-authored and provided QC and deputy project management services for the City of Lebanon Storm Drainage Master Plan. The master plan was an update to a 1989 master plan with a primary focus on modeling 4,355 acres of storm system infrastructure to establish calibrated and validated design flows, identify and address chronic flooding, develop a system to support expansion and growth, develop corresponding CIPs and their associated costs, and assessing and recommending rate adjustments to support ongoing and future maintenance and improvements.

Southwest Corridor Transit Light Rail Project, for TriMet, Oregon: Doug was the Southwest Corridor Transit Project (SWC) team lead managing the stormwater design discipline. SWC was a multi-discipline, multi-phased project proposed to extend about 12 miles of TriMet light rail service from downtown Portland along Barbur Boulevard, on into Washington County, Tigard, and ending in Tualatin. Responsibilities included leading storm conveyance and water quality treatment and flow control designs in compliance with SLOPES V criteria, permit support (including authoring the DEQ 401 Certification Stormwater Management Plan - SWMP) and state/federal Joint Permit Application (JPA) Drainage Reports. Other responsibilities include data collection and management, developing stormwater management strategies, and liaising with regulators and stakeholders.

Newberg-Dundee Highway Bypass Project (NDB), for ODOT, Newberg-Dundee, Oregon: Doug was the project stormwater lead and engineer of record for NDB, a multi-phased highway bypass project intended to alleviate traffic congestion on Highway 99W between Newberg and Dundee. Project responsibilities included concept plans demonstrating compliance with Standard Local Operating Procedures for Endangered Species (SLOPES IV), designing to ODOT's new standards which included mitigating for hydro-modification impacts, permit support including authoring the project DEQ 401 Certification SWMP and JPA drainage reports, and 30 percent, 60 percent, 90 percent, and final design and plan specification and estimate development.

Brian Meunier, PE, CFM
SENIOR PROJECT MANAGER

Brian is a highly skilled water resources engineer with more than 16 years of experience, including stormwater master planning, urban, industrial, and highway stormwater management, master planning and concept-level studies for river basins experiencing erosion/sedimentation issues, complex hydrology and 1D/2D hydraulic analysis of major river basins, bridge/culvert sizing and scour analyses, stream restoration/rehabilitation, and fish passage design. As a project manager, Brian confirms that expectations are understood and met. He proactively communicates potential project issues and quickly seeks resolution, earning him a positive reputation among his client partners for being responsive, organized, and confident in both his communication and management style.

Education
MS, Civil Engineering, University of Evansville

BS, Civil Engineering, Purdue University

Registrations
Professional Engineer, Oregon, 95608

Professional Engineer, Washington, 58144

Professional Engineer, Montana, PEL-PE-LIC-62307

Professional Engineer, Utah, 14133433

Professional Engineer, Idaho, 4871540

Professional Engineer, Colorado, PE.0065957

Certifications
Certified Floodplain Manager (US-18-10450)

Years of Experience
16

Relevant Project Experience

Emerald Street Stormwater Improvements, for City of Eugene, Oregon: Brian served as the Project Manager for the design of a replacement stormwater system along the quad bounded by Emerald Street, 23rd Avenue, 22nd Avenue, and Onyx Street. The existing dry-well style system was consistently performing poorly leading to frequent maintenance issues. The replacement system was designed to provide enhanced drainage with new inlets connected to a trunkline that ties into the City's nearby major trunkline. The design also included considerations for future expansion of the system.

Columbia County Emergency Culvert Repairs MP 17.4, for ODOT, Apiary, Oregon: Brian provided quality control and quality assurance for the hydraulic analysis and design for the project, which included detailed hydrologic and hydraulic analysis for this fish passable stream. During construction, Brian provided limited site inspection to confirm the proper installation of critical stream features, coordinating with the contractor to make appropriate adjustments to improve fish passability and channel resilience.

Eagle Creek Fish Passage Project (4 barrier removals), for Chelan County, Leavenworth, Washington: As Principal in Charge, Brian served as quality control and quality assurance reviewer for the hydrologic and hydraulic analysis, plans, specifications, and estimate. Brian also provided guidance to help resolve contractor questions and requests during construction. The project included the replacement of four existing culverts that create a barrier to fish passage along Eagle Creek. The design reestablished a more natural channel with improved habitat features.

Yellow River Stream Stabilization, for Starke County*, Knox, Indiana: Brian was the Project Manager and designer for the stabilization/restoration of approximately 2,000 feet of Yellow River in northern Indiana. The project included detailed hydrologic and geomorphic assessment of the entire river system with more detailed analyses of the project reach. Basin-wide and reach-scale sediment transport evaluations were completed to inform channel geometry design and the selection and placement of structures and scour prevention measures.

Atalia Raskin, PE

PROJECT MANAGER / WATER RESOURCES TASK LEAD

Atalia is a water resources engineer with 21 years of experience. She specializes in complex hydrologic and hydraulic modeling and urban-drainage design. Atalia has focused experience in stormwater conveyance design, detention stormwater management methods and vegetated treatment and efficiently creates hydraulic models, analyzes results, and proposes constructible solutions for capital improvement projects. Atalia has relevant and local experience with stormwater-related efforts in the Willamette Valley including over 30 projects within Clackamas County and Water Environmental Services jurisdiction. Her projects range from a regional stormwater retrofit strategy for the Phillips Creek Basin completed for WES to developing the stormwater management approach of the Sunrise Heights subdivision.

Education

BS, Environmental Engineering, Oregon State University

Registrations

Professional Civil Engineer, Oregon, 74328PE

Years of Experience

21

Relevant Project Experience

Stormwater Standards Review, for Water Environment Services, Clackamas County, Oregon: Atalia completed a review of stormwater standards WES was considering implementing with a focus on low impact development and hydromodification protection. The primary objective of this project was to compare the design, cost, and benefits of the new stormwater standards to the standards at the time. Three case study sites were selected and used to evaluate how development integrates with the standards. Atalia selected, sized, and placed the stormwater facilities and evaluated their economic impact.

South End Road Slide Repair, for Transportation and Development (DTD), Clackamas County, Oregon: South End Road in the vicinity of Milepost 3.8 had for decades been subject to settlement from slope instability, creating a maintenance burden and repeated safety concern for the County. In 2017, a heavy rainfall caused a significant and unsafe depression in the road surface. DEA delivered a long-term solution for the County by designing a soldier pile retaining wall and improved stormwater management to mitigate slope instability risk. Atalia designed a stormwater strategy that integrated into the roadside swale directing stormwater away from the slide and meeting Federal-Aid Highway Program (FAHP) Endangered Species Act programmatic stormwater standards.

Fanno Creek Restoration Design and Permitting Services, for Clean Water Services, Beaverton, Oregon : The Fanno Creek Restoration Project realigned a heavily urbanized section of stream in Beaverton, Oregon. The project increased stream sinuosity, provided riparian restoration and fish habitat through plantings and placement of root wads and logs. Additionally, the project removed fill within the floodplain increasing the available storage during all flood events. Atalia completed the HEC-RAS model of Fanno Creek between SW Denney Rd and SW Cindy St to show a no-rise condition in the water surface elevation during the 25-year and 100-year flood events. Due to the changes in the floodway as a result of the channel realignment, a CLOMR and LOMR application was submitted and obtained from FEMA. Atalia assisted in the preparation of these documents. Additionally, Atalia completed a sanitary sewer realignment of a City sewer line.

Jon Gage, PLA
SENIOR LANDSCAPE ARCHITECT

Jon is an award-winning landscape architect with 25 years of experience with a focus on urban stream restoration. He is passionate about combining habitat function with pedestrian-oriented, place-making spaces. He has extensive experience with park and AASHTO shared-use trail design and believes stream engineering projects should produce an end-product that aligns with the stakeholder vision for achieving both habitat and pedestrian objectives. Jon's extensive experience with permitting and design of stream restoration, bank stabilization, fish-passage and re-vegetation results in outcomes for high functioning and low-maintenance stream corridors. He is experienced in permitting for stream and wetland projects in accordance with federal, state, and local regulations with emphasis on Washington Department of Fish and Wildlife and US Army Corps of Engineers Section 404 approvals.

Education

MLA, Landscape Architecture, University of Washington

BS, Environmental Policy/Assessment, Western Washington University

Registrations

Registered Landscape Architect, Washington, 952

Registered Landscape Architect, Colorado, LA.0001242

WSDOT Fish Passage and Stream Restoration Design Training, FPT20-21834

Years of Experience

25

Relevant Project Experience

Tahuya River Geomorphic Assessment and Hydrologic Modeling, Hood Canal, Washington: Jon was the project manager for this watershed-level restoration assessment of the Tahuya river for the Hood Canal Salmon Enhancement Group (HCSEG). Jon supported the HCSEG to win RCO Salmon Recovery Funding Board to conduct watershed assessment to facilitate a "step-wise" approach to identifying reach-scale restoration opportunities in the Tahuya river. His team evaluated potential sites to improve salmonid spawning habitat, expand current summer chum salmonspawning range, reconnect floodplain habitats to improve channel stability, and encourage channel meander to allow for gravel recruitment and dispersion of spawning gravels. This assessment lead to recent SRFB funding of the first restoration opportunity, the RM 3.5 to restore an area used formerly as a horse ranch to improve spawning habitat for summer chum by removing a levee and providing both active and passive floodplain habitat restoration opportunities within a 25+ acre area.

SR202 Evans and Patterson Creek Design-Build Project Fish Passage, WSDOT, King County, Washington: Jon was the Design-Build Team Environmental Lead for implementing fish passage improvements at the SR202 crossing of Evans Creek, Patterson Creek, East and West Tributaries to Patterson Creek. Jon led efforts to successfully design and permit four fish passage structures, including wetland mitigation, stream restoration, and erosion control. He also led construction administration and supervision services for the installation of these features.

Jordan Cove LNG Terminal, for Jordan Cove LNG, Coos Bay, Oregon: DEA led federal, state, and local permitting effort for a proposed LNG Export Terminal. As Environmental Design Lead, Jon was responsible for wetland and estuarine mitigation design, eelgrass mitigation, and visual resource analysis and mitigation to support FERC licensing, NEPA compliance, CWA 404 permitting, and state and local permitting.

Education

MS, Environmental Science (Water Resources Emphasis), Indiana University

BS, Agricultural Economics (Business Management and Marketing Emphasis), Cornell University

Continued Education, Wetland Delineation, Wetland Mitigation, NW Plant Identification courses, Portland State University

GIS Skills

GIS: ARC Map software

GPS: Trimble Pathfinder and GeoXH

GPS receivers and post-processing software

Years of Experience

27

Ethan Rosenthal

ENVIRONMENTAL LEAD

Ethan has 27 years of experience working in the field of applied ecology, where he has served as a project manager and a task leader, and in other technical roles. He has worked on a wide variety of built and natural infrastructure projects, from wetland permitting for park and trail projects, to water use and water quality investigations, watershed assessments, and large-scale habitat restoration and conservation projects. Ethan is adept at integrating detailed project specifics with the overarching project goals to obtain practical solutions that meet client objectives and regulatory requirements.

Relevant Project Experience

Willamette Water Supply Program, for TVWD, City of Hillsboro, and City of Beaverton, Hillsboro, Oregon: The WWSP includes expanding the existing water treatment plant and constructing approximately 30 miles of pipeline and treated water storage tanks. From preliminary design through permit acquisition, Ethan has led the successful acquisition of CWA, Section 404/DSL Removal-Fill permits. Ethan led all wetland surveys and coordinated with the design team to minimize impacts and obtain the information necessary to support permit applications using 30% design. Ethan is now supporting the design/construction permit compliance.

Fanno Creek Enhancement – Denney to Hall, for Clean Water Services (CWS), Washington County, Oregon: Ethan is DEA's project manager and lead ecologist for this project, currently providing post-construction compliance monitoring required by the Oregon Department of State Lands permit. DEA also provided the following services: environmental permitting, trail bridge design, survey, and floodplain modeling along with a FEMA Letter of Map Revision (LOMR).

SW 198th Avenue Improvements for Washington County, Oregon: Ethan was the environmental lead, coordinating wetland delineation and permitting, CWS Service Provider Letter, and ODFW Fish Passage Plan approvals. He also supported coordination efforts between the County, CWS, and DEA regarding stormwater approaches, including the County's desire for certainty in the process and CWS's interest in incorporating a new approach through stream system resiliency.

Clackamas Water Environment Services Interceptor Project for Clackamas WES: The DEA / Carollo Engineers team was selected by Clackamas WES to develop the design of improvements needed to increase the capacity of approximately 5-miles of large-diameter sanitary conveyance pipeline through urban Clackamas County. DEA supported this win by providing the expertise necessary to address design and construction challenges, such as bridge and highway crossings, a railroad crossing, and multiple creek crossings with ESA-listed fish. DEA will provide the following services: Survey, Traffic/Roadway Design, Bridge Design, Railroad Coordination, and Environmental/Land Use Permitting.

Tristan Wood

DESIGNER/CONSTRUCTION PROJECT MANAGER

Tristan has 19 years of experience working for public agencies delivering complex design and construction projects in Oregon. Tristan provides inspection, construction management, and various engineering services on multiple types of construction projects, including, pavement preservation, ADA, bridge, highway, and multi-use pathways. Before joining DEA, Tristan was the Assistant Public Works Director for Columbia County, where he managed and directed the CIP program. While at Columbia County, Tristan delivered multiple bridge, roadway, pathway, historic highway preservation, parks, and fish passage projects. While at the County Tristan managed the County Pavement Management Program.

Education

Civil Engineering,
Mt. Hood Community College

Specialty Training

ODOT Local Agency Project Delivery

ODOT Transportation Safety

Oregon State University Access Management

APWA Public Works Management Training

ODOT Pavement Markings

ODOT Curve Analysis

Manual on Traffic Control Devices

Pavement Inspection

Local Agency Project Management

Years of Experience

19

Relevant Project Experience

US26: Glencoe Road - Cornelius Pass Road, for ODOT, Hillsboro, Oregon: Tristan successfully managed the $8 million contract to overlay a 5-mile stretch of US26 with grind and inlay of the asphalt surface. The project involved maintenance work on two bridges, including bridge membranes and joint replacements. Additionally, it included replacing ramps and installing new ramp meters at two locations. The work also entailed pavement repairs and the installation of stormwater systems.

Columbia County Emergency Culvert Repairs, for Columbia County and ODOT, Oregon: Tristan was the assistant project manager for this $3.4 million Columbia County project. This project replaced three culverts between Scappoose and Vernonia. The project included a 130-foot-long 36-inch trenchless culvert, another pre-cast concrete box culvert, and a pre-stressed concrete slab bridge on a pile foundation. In addition to the construction of the new culverts, the project included cold plane pavement removal, asphalt concrete pavement in-leveling, base, and wearing courses.

Millard Road Widening, for Columbia County Public Works, Warren, Oregon: This project included realignment of an intersection with Old Portland Road and widening of roadway to Highway 30 intersection. ODOT had added a signal in 2023 and traffic volumes had increased due to this along the roadway. The project includes adding a culvert to a section of roadway that often floods creating a hazard to motorists. A 36-inch culvert will be installed along with raising the section of roadway.

Gable Road Project, for Columbia County, St Helens, Oregon: During this project, Tristan was the Assistant Public Works Director for Columbia County and oversaw the design and construction. Tristan secured project funding and developed the scope of work to be included. Tristan was responsible for coordinating between all project stakeholders, including ODOT, the City of St Helens, and Columbia County.

Sara Gilbert, GISP
GIS ANALYST

Sara is a GIS project manager with 28 years of professional experience supporting environmental, land use, census, engineering, and transportation projects. She utilizes ESRI ArcGIS software for geodatabase design, modeling, spatial data analysis, CAD data integration, LiDAR data manipulation, and mapping. Her experience supporting a wide variety of projects, including EISs and EAs, site suitability indices, wetland and critical habitat delineations, and risk assessments, enables her to provide efficient, effective data management and project support. She is consistently recognized internally and by clients for providing quality detailed maps, statistical analyses, and useful geospatial data.

Education

MS, Earth Sciences (GIS),
Montana State University

BS, Geography,
McGill University (Montreal)

Registrations

Geographic Information Systems Professional (GISP)

Years of Experience

28

Relevant Project Experience

West Side Sanitary Sewer Interceptor Analysis, for the City of Lebanon, Oregon: DEA is providing planning and engineering analysis for the City of Lebanon West Side Sanitary Sewer Interceptor. DEA is reviewing the existing sanitary sewer system capacity and identifying potential capacity, deficiencies and recommended system alternatives that would improve capacity of the existing system and will accommodate proposed future development scenarios. Sara is the GIS task lead responsible for the incorporation of as-built record data and translation of sanitary sewer GIS data into an XP-SWMM hydraulic model. She also is responsible for the generation of anticipated sanitary sewer flows (from land use data).

Willamette Water Supply Program Preliminary Design and Permitting, for Tualatin Valley Water District and the City of Hillsboro, Oregon: TVWD, the City of Hillsboro, and other municipalities are collaborating to develop the mid-Willamette River at Wilsonville as the next water supply source for their communities. The Willamette Water Supply Program includes an expansion of the existing water treatment plant and the construction of approximately 30 miles of pipeline and treated water storage tanks. As part of the preliminary design phase of the program, DEA prepared a strategy to permit the program. DEA is now working with TVWD, the City of Hillsboro, and the program's staff to implement the permitting strategy and obtain natural resource and land use permits to support construction. Sara serves as the task lead responsible for GIS data development and mapping in support of wetland delineations, wetland permitting, and mitigation planning efforts.

Upper Klamath Basin Water Management and Drought Contingency Planning, for the Klamath Tribes, Oregon: As GIS project manager, Sara created a geodatabase to house and integrate hydrologic, irrigation, vegetation, and terrain data received from multiple sources. Three tools were developed using ArcGIS model-builder to rank lands by potential for conversion to upland grazing, pasture renovation of bottomlands and uplands, riparian pasture establishment, and juniper management. The deliverables for this project included acreage estimates, GIS thematic layers, and maps created in support of the hydrological, water use and allocation, and land management technical reports.

PROPOSAL CERTIFICATION
RFP #2025-01

Submitted by: David Evans and Associates, Inc., (Oregon)
(Must be entity's full legal name, and State of Formation)

Each Proposer must read, complete and submit a copy of this Proposal Certification with their Proposal. Failure to do so may result in rejection of the Proposal. By signature on this Proposal Certification, the undersigned certifies that they are authorized to act on behalf of the Proposer and that under penalty of perjury, the undersigned will comply with the following:

SECTION I. OREGON TAX LAWS: As required in ORS 279B.110(2)(e), the undersigned hereby certifies that, to the best of the undersigned's knowledge, the Proposer is not in violation of any Oregon Tax Laws. For purposes of this certification, "Oregon Tax Laws" means the tax laws of the state or a political subdivision of the state, including ORS 305.620 and ORS chapters 316, 317 and 318. If a contract is executed, this information will be reported to the Internal Revenue Service. Information not matching IRS records could subject Proposer to 24% backup withholding.

SECTION II. NON-DISCRIMINATION: That the Proposer has not and will not discriminate in its employment practices with regard to race, creed, age, religious affiliation, sex, disability, sexual orientation, gender identity, national origin, or any other protected class. Nor has Proposer or will Proposer discriminate against a subcontractor in the awarding of a subcontract because the subcontractor is a disadvantaged business enterprise, a minority-owned business, a woman-owned business, a business that a service-disabled veteran owns or an emerging small business that is certified under ORS 200.055.

SECTION III. CONFLICT OF INTEREST: The undersigned hereby certifies that no elected official, officer, agent or employee of Clackamas County is personally interested, directly or indirectly, in any resulting contract from this RFP, or the compensation to be paid under such contract, and that no representation, statements (oral or in writing), of the County, its elected officials, officers, agents, or employees had induced Proposer to submit this Proposal. In addition, the undersigned hereby certifies that this proposal is made without connection with any person, firm, or corporation submitting a proposal for the same material, and is in all respects fair and without collusion or fraud.

SECTION IV. COMPLIANCE WITH SOLICITATION: The undersigned further agrees and certifies that they:

1. Have read, understand and agree to be bound by and comply with all requirements, instructions, specifications, terms and conditions of the RFP (including any attachments); and
2. Are an authorized representative of the Proposer, that the information provided is true and accurate, and that providing incorrect or incomplete information may be cause for rejection of the Proposal or contract termination; and
3. Will furnish the designated item(s) and/or service(s) in accordance with the RFP and Proposal; and
4. Will use recyclable products to the maximum extend economically feasible in the performance of the contract work set forth in this RFP.

Name: Doug Gates
Date: February 20, 2025
Signature: Douglas B Gates
Title: Associate, Project Manager
Email: dbg@deainc.com
Telephone: 503.499.0373
Oregon Business Registry Number: 114015-10
OR CCB # (if applicable):

Business Designation (check one):
☒ Corporation ☐ Partnership ☐ Sole Proprietorship ☐ Non-Profit ☐ Limited Liability Company

☒ Resident Quoter, as defined in ORS 279A.120
☐ Non-Resident Quote. Resident State: