



Request for Proposals

For

Water Treatment Plant and Hinkle to Baldwin Pipeline Valve Project

Issued Date: February 12, 2026

SAN JUAN WATER DISTRICT
9935 Auburn Folsom Road
Granite Bay, CA 95746
Ph: (916) 791-0115
www.sjwd.org



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I. INTRODUCTION

San Juan Water District (District) is seeking professional proposals from qualified engineering consulting firms to provide engineering services for Water Treatment Plant and Hinkle to Baldwin Pipeline Valve Project. The Project is located at the District's main Corp yard in Granite Bay, CA in Placer County.

This project consists of preparing ready for construction bid documents for the replacement a 48" and 60" valve at the District's water treatment plant, the construction/installation of a new 72" valve on the Hinkle to Baldwin Pipeline (HTBPL), and internal repairs of a 60" treated water pipeline. The location and sizes of the three valves are shown in **Figure 1** below. Additionally, recognizing that the large diameter valves have a long lead time, the consultant shall prepare a complete bid package for the prepurchase of the three valves.

This Request for Proposals (RFP) describes the Project, the required scope of services, project milestones, Consultant selection process, and the minimum amount of information that must be included in the proposal. Failure to submit information in accordance with these requirements and procedures may be cause for disqualification.

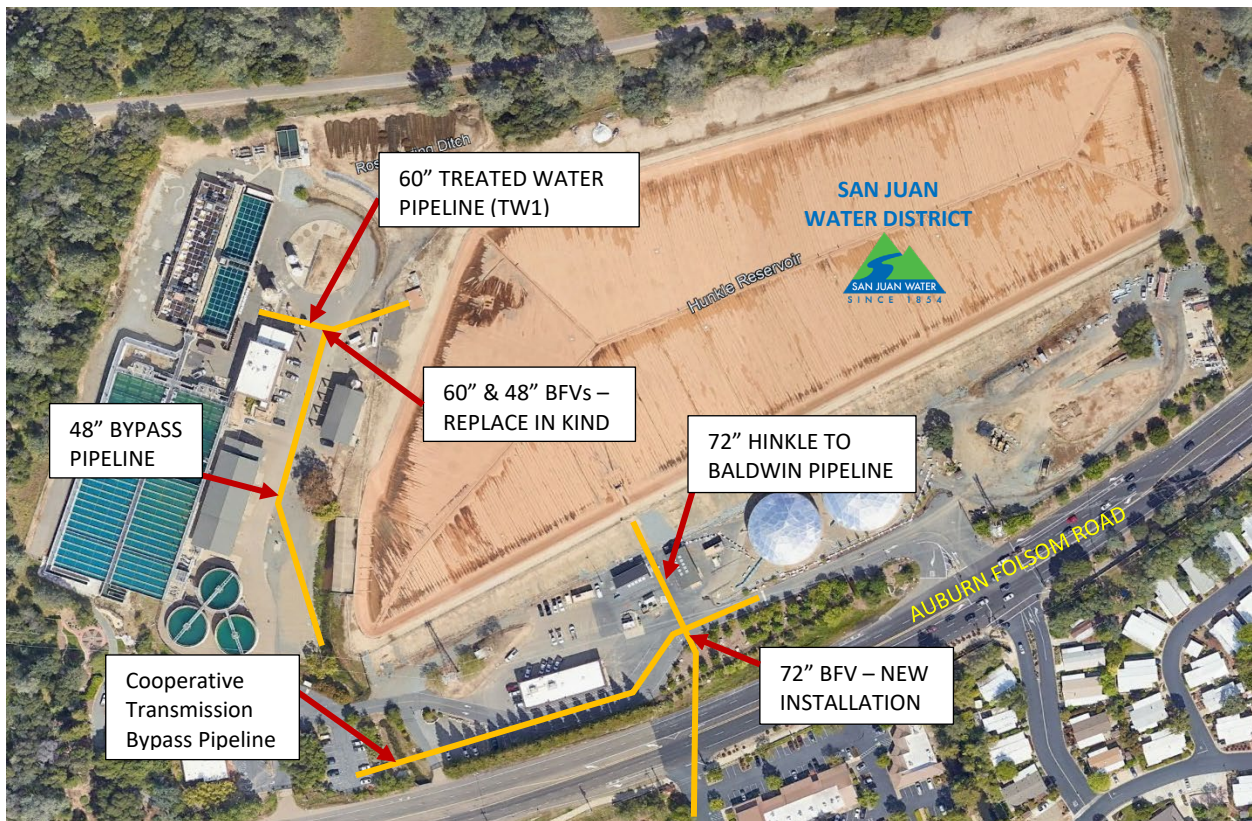


Figure 1: District's Valve Replacement Locations

II. BACKGROUND

The District is in the beginning phases of evaluating our wholesale transmission mains throughout the District. The first phase of this project includes the restoration of the District's Treated Water Pipeline #1 (TW1) and evaluation of the District's 72" HTBPL. To facilitate this work, two valves need to be replaced or one valve installed to allow for proper isolation of the system.

The 60" diameter TW1 Pipeline and the 48" Bypass Pipeline connect at a tee located under the drive at the Sidney N. Peterson Water Treatment Plant (WTP) (See **Figure 1**). Both pipelines are cement-mortar lined and coated steel cylinder pipe conforming to the AWWA C200 specification. Based on the Shop drawings, the pipe steel cylinder is ¼-in thick, and it is cement-mortar lined and coated. Most of the pipeline is 45 plus years old and was constructed in 1980. **Figure 2** below shows the configuration of the 60"x48" tee connection.

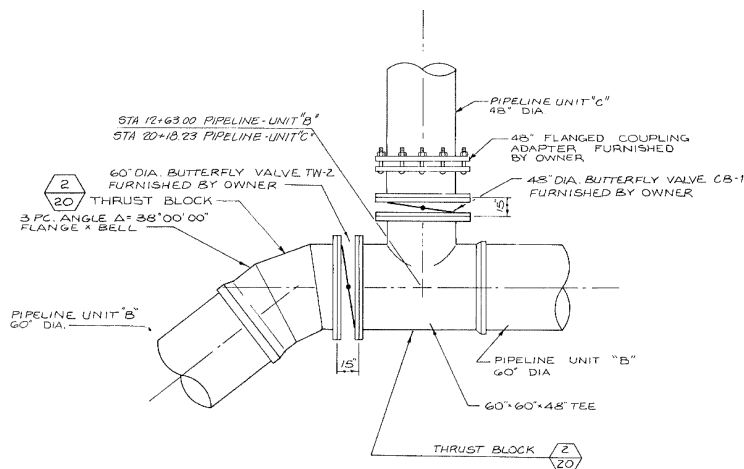


Figure 2: 60" TW1 & 48" Bypass Pipeline Tee Connection

The TW1 Pipeline was evaluated in 2025. This evaluation concluded that the 48" and 60" butterfly valves needed to be replaced. See valve observations below. The evaluation also concluded that spot and joint repairs are needed to the mortar lining within the pipe. A table of the detailed findings of the evaluation are provided in Exhibit B.

Table 1: 60" Treated Water Pipeline Valve Observations

Inside 60-in TW1 Pipeline at 60" butterfly valve.	The 60-in butterfly valve coating appears to be completely gone (non-visible). Corrosion is occurring with the most severe corrosion on the valve disc. The seating gasket is deformed and damaged in several locations.
Inside 60-in TW1 Pipeline at 48" butterfly valve located at 60"x60"x48".	The 48-in butterfly valve coating appears to be completely gone (non-visible). Corrosion is occurring. The seating gasket is damaged in several locations. Valve does not close completely.

The HTBPL is a 72" reinforced concrete pipe (AWWA 302 RCP) that extends from the District's Hinkle Reservoir to Baldwin Reservoir located approximately one half mile to the west. The pipeline was installed in 1974. As part of a project completed in 2013, a cross was installed to connect the two primary transmission mains leaving the WTP (See **Figure 3**). To properly isolate the HTBPL and maintain service through Hinkle Reservoir, a new 72" valve needs to be installed west of this cross.

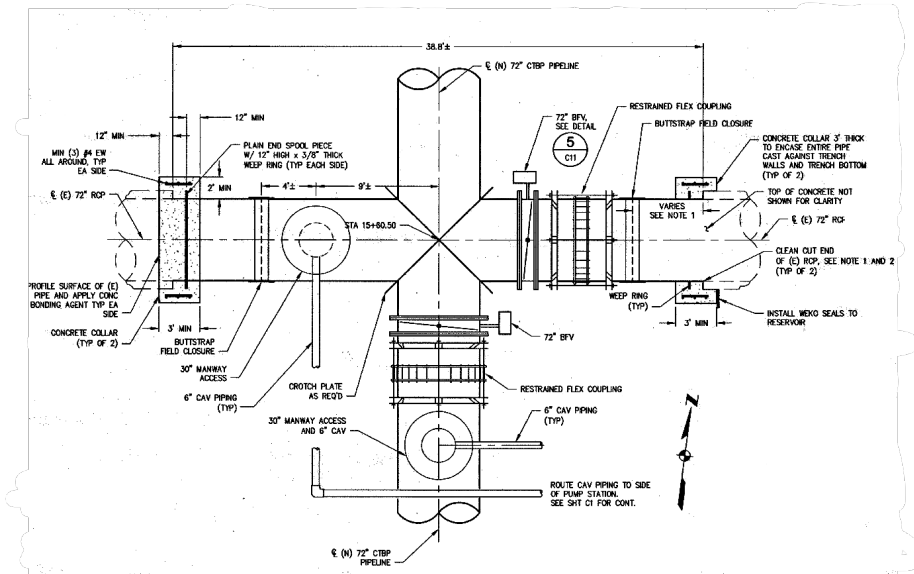


Figure 3: HTBPL Cross Detail

The goal of this project is for the selected Consultant to prepare and submit a ready for bid plans and specification package for construction in summer/fall of 2026. The valve pre-purchase bid package shall be prepared early in the design process, so that the valves can be ordered promptly.

III. SCOPE OF WORK

Interested consultants are encouraged to develop a scope of work that addresses the District's needs and provides value and innovation. Optional tasks recommended by the consulting firm to enhance the work product should also be included in the proposal and shall be clearly identified as optional items. Fully describe any exceptions to the anticipated scope as outlined in the RFP. Identify information needs or work that the consultant expects to be completed by District staff. If there are no expectations of District staff effort listed for a task, the District will expect the task to be completed without any District staff time. The consulting firm selected for this Project will be required to provide the necessary equipment, materials, and labor to complete the following services.

Task 1 - Project Management

Throughout all tasks, the Consultant shall provide project management activities such as staffing, subconsultant coordination, budget management, schedule management, and coordination with



District's Project Manager and maintain the quality of the work products defined within this scope as consistent with applicable standards and District expectations.

Project management includes general internal project management based on the tasks in this Scope of Work throughout the life of the project. Consultant shall provide the following:

- Prepare for and project kick-off meeting.
- Prepare and submit detailed project schedule (include material procurement periods and construction periods).
- Schedule and attend in-person deliverable review meetings.
- Prepare and submit agendas and meeting notes for all meetings including kick-off, bi-weekly (every other week), deliverable review, and environmental permitting.
- For each deliverable review, provide review comment spreadsheet for District review comments including Consultant's responses and actions for each review comment.
- Perform quality assurance and quality control (QA/QC) review for the Project.
- Coordinate and manage subcontractor(s) as applicable.

Deliverable(s) for Task 1 include the following:

- Meeting Agendas in MS Word.
- Meeting Notes in MS Word.
- Project Schedule in PDF.
- Deliverable Review Comments Spreadsheet in MS Excel

Task 2 – Quality Assurance

The consultant shall provide the services of senior-level staff persons with applicable experience to conduct technical reviews of project deliverables prior to submittal to the District. Any other formal quality assurance programs proposed to be used by the consultant should be included as part of the scope of work and described in the proposal.

Task 3 – Valve Prepurchase Package

The Consultant shall prepare a bid package for the prepurchase of the three valves by the District. The package shall include a project description, drawings, and specifications as required to ensure valves meet all requirements for installation into the system, including, but not limited to, meeting American Water Works Association (AWWA), State Water Resources Control Board – Division of Drinking Water (DDW), and NSF 61 requirements. During the development of the pre-purchase bid package, the Consultant shall also identify other materials (i.e. couplings, pipe spools) needed for construction that may need to be pre-purchased to meet the construction schedule. If other materials are required to be pre-purchased, the Consultant shall include them in the pre-purchase bid package. At a minimum, with District input, the Consultant shall include at least three valve



manufacturers that meet the technical requirements of the specifications and the lead times of the construction schedule.

The Consultant shall prepare and submit a draft prepurchase package for District comment. Upon incorporation of comments, the Consultant shall prepare and submit the final package to the District. The District's Purchasing Agent will advertise and procure the valves and any other materials.

The final prepurchase package shall be completed within one (1) month of the project kick-off meeting.

Deliverable(s) for Task 3 include the following:

- Draft Prepurchase Package in MS Word.
- Final Prepurchase Package in PDF and MS Word.

Task 4 – Site Field Investigations

The selected firm shall perform a field investigation of the valve installation locations, pipeline alignment, and site constraints. This will include a site visit to the District's facility to evaluate access, area of influence, and anticipated restoration requirements. For the purpose of estimating time, the consulting firm shall assume four (4) on-site visit to see property. Internal investigation or access into the pipeline is not possible during the design process.

Task 5 – Final Design

Consultant will prepare design documents (i.e. plans and specifications) at the 50%, 75%, and 100% stages of design. Documents shall incorporate District, industry, and regulatory standards, and requirements as appropriate. Consultant shall prepare all drawings using Autodesk's AutoCAD 2020 and/or Civil 3D 2020 using Consultant's CADD Standards, including their own title block. Specifications shall be prepared using Microsoft Word 2016 or earlier version using the 16 Division numbering version of Construction Standards Institute (CSI). The Consultant shall prepare all bidding, contractual, and technical specifications for the project. The District will provide Consultant the District's boilerplate bidding and contractual specifications, including general and special conditions. District will provide a topographical survey that was created in 2020 of the District's Corp Yard for the selected Consultants use.

Task 5.1 – 50% Design

The 50% submittal shall include drawings, a list of specification sections, a construction schedule and sequencing plan, and a preliminary cost estimate. The drawings shall include the layout of the proposed valve installations, alignment and profile of the 60" TW1 pipeline, and basic details for District review and approval. After District has reviewed the 50% design deliverables, the Consultant shall meet with District to discuss comments.

Task 5.2 – 75% Design

During the 75% design stage, the Consultant's shall complete any required site investigations not completed during the 50% design, including but not limited to utility investigations. Consultant shall prepare and submit 75% level plans, specifications, and construction cost estimates. After District has reviewed the 75% design deliverables, the Consultant shall meet with District to discuss comments.

Task 5.3 – 100% Design

After the completion of the 75% design stage, the Consultant's shall prepare 100% design plans, specifications, and construction cost estimate that incorporates the District's 75% design document comments. Consultant shall submit the 100% design documents to the District with a spreadsheet documenting the comments and responses from the 75% design. The Consultant shall prepare and submit final signed and stamped bidding plans and specifications package to the District that incorporates comments from the District and the County for bidding purposes.

Deliverable(s) for Task 5.3 include the following:

- 75%, 100%, and Bidding Plans in 22x34 PDF.
- 75%, 100%, and Bidding Specifications in MS Word.
- Bidding Specifications Package in PDF.
- 75% and 100% Construction Cost Estimate in PDF.

Task 6 – Bidding Support Services

The Consultant shall provide bidding support services as described below.

- Attend pre-bid meeting.
- Respond to Bidder questions pertaining to the Contract Documents.
- Provide answers for addenda to the Contract Documents.
- Prepare conformed set of Contract Documents that incorporates changes made during bidding into the plans and specifications.

Deliverable(s) for Task 5 include the following:

- Addenda in District Template in MS Word and in PDF.
- Conformed Drawings in 22x34 PDF format and AutoCAD 2020.
- Conformed Specifications in MS Word and PDF.

Task 7 – Construction Support Services

Consultant shall provide construction support services as described below.



- Attend a pre-construction meeting.
- Review and provide comments on Contractor submittals, as necessary, using District’s form.
- Review and respond to Contractor’s RFI’s using District’s form.
- Prepare changes to Contract Documents.
- Prepare record set of plans.

Deliverable(s) for Task 6 include the following:

- Submittal comments in MS Word.
- RFI responses in MS Word.
- Design Changes (Drawings in 22x34 PDF and Specifications in MS Word).
- Record Drawings in 22x34 PDF format and AutoCAD 2020.

IV. AVAILABLE INFORMATION

The following additional information is available for review:

- WTP Treated Water 1 Pipeline As-built Sheets 10, 15, 16, 19, & 22.
- WTP Treated Water 1 Pipe Material Shop Drawing
- WTP Treated Water 1 Pipeline Inspection Memorandum
- Hinkle to Baldwin Pipeline and Reservoir Outlet Structure As-builts
- Refraction Seismic Investigation for Treated Water Pipeline and Cooperative Transmission Bypass Pipeline Project
- Geotechnical Report for Treated Water Pipeline and Cooperative Transmission Bypass Pipeline Project
- District Standard Details (<https://www.sjwd.org/engineering-standard-details>)

This RFP and all future addendums may be downloaded from the following website: www.publicpurchase.com. Firms are responsible for checking the website www.publicpurchase.com for all addendums.

V. SCHEDULE

The District anticipates the following schedule for this project:

Event	Date(s)
RFP Posted	February 17, 2026
Pre-proposal Meeting	9:30 AM, March 5, 2026
Final Questions Due	3:00 PM, March 17, 2026
Proposals Due	3:00 PM, March 25, 2026
Screening and Ranking	March 25 – April 1, 2026
Board of Director’s Approval	April 15, 2026
Notice to Proceed (<i>Estimated</i>)	April 29, 2026



Pre-purchase Materials (i.e. Valves)	May 31, 2026
Final Design (<i>Estimated</i>)	July 31, 2026

A **mandatory** pre-proposal meeting will be held beginning at **9:30 AM. on Thursday, March 5, 2026,** in the District’s Boardroom located at 9935 Auburn Folsom Road, Granite Bay, CA. The purpose of this meeting is to answer any questions that interested firms may have related to this project. No site visits will be provided by District. Firms are limited to two attendees at the meeting.

Questions regarding proposal requirements or the required scope of work must be received in writing via e-mail on or before the date identified in the schedule provided above or otherwise revised by the District. This is to allow sufficient time to distribute questions and answers to all prospective firms. No questions will be answered by telephone. Address written questions to:

San Juan Water District
Attention: Tony Barela
tbarela@sjwd.org

VI. INFORMATION TO BE SUBMITTED IN PROPOSAL
A. TECHNICAL PROPOSAL CONTENT

Technical Proposals submitted for this project are to follow the outline described below and must address all requested information. Any additional information that the firm wishes to include that is not specifically requested should be included in an appendix to the proposal. Each proposal shall be **limited to 14 pages** (not including transmittal letter and resumes).

- **Section 1: Project Overview**
Provide a narrative description of the project based on the Scope of Work presented in the RFP. Include any issues that you believe will require special consideration for this project. Also identify any unique approaches or strengths that your firm may have related to this project District staff will assess your understanding of all aspects of the project based on the overview.
- **Section 2: Detailed Work Plan**
Provide a description of the required tasks and duties for each phase of the project. The description shall include details to implement all tasks described in the Scope of Work and recommended additions to the list of tasks. Include any assumptions used in development of the work tasks, particularly the work anticipated to be completed by District staff. Also identify any unique approaches to the work or strengths that your firm may have related to this project. All assumptions shall be clearly identified. Highlight tasks that are required, in the consultant’s opinions, which were not specifically called out in this RFP.
- **Section 3: Project Team**



The project team, including subconsultants shall be identified with key tasks and the associated responsible personnel for each task identified. A project team organization diagram and a brief resume of each team member shall be included. Full resumes may be included in an appendix. The geographic location of the firm and key personnel shall also be identified.

- **Section 4: Experience**

Provide a list of past projects worked on by the project team members. Include only projects completed by key team members proposed for this project. Identify which team members participated in each of the past projects. Include reference names and phone numbers for at least three of the projects. The projects selected should be projects worked on by the proposed project manager or project engineer. The relevant experience of any proposed sub-consultants shall also be listed.

- **Section 5: Project Schedule**

A schedule for completion of the project shall be submitted with the Proposal. Assumptions used in developing the schedule and other potential driving factors shall be identified. Show various work tasks along with key project milestones and deliverables. It is the intent of the District to have follow the schedule provided in **Section VI - Schedule**.

- **Section 6: Conflicts of Interest**

Firms submitting a Proposal in response to this RFP must disclose any actual, apparent, direct or indirect, or potential conflicts of interest that may exist with respect to the firm, management, or employees of the firm or other persons relative to the services to be provided under the Agreement for engineering services to be awarded pursuant to this RFP. Such disclosure(s) shall not necessarily serve as a reason to disqualify a firm's proposal, only to note that a relationship exists. If a firm has no conflicts of interests, a statement to that effect shall be included in the Proposal.

- **Section 7: Proprietary Information**

Firms submitting a Proposal in response to this RFP must provide a statement that nothing contained in the submitted proposal is considered proprietary. All proposals shall become the property of the District once submitted.

- **Section 8: District Standard Professional Services Agreement and Insurance Requirements**

The District's standard Professional Services Agreement (PSA) is provided in **Exhibit A**. The successful proposer will be required to execute the PSA in the form shown in **Exhibit A** and to meet the insurance requirements. Please review and identify any changes that will be requested by the consultant if selected. If no changes are desired, make a statement that no changes will be required.



B. COST PROPOSAL

As a separate attachment to your Technical Proposal e-mail, provide a Cost Proposal listing the cost for each task and sub-task. Provide an itemized breakdown of all services to be provided and the estimated number of hours to complete each task. The information shall be provided in a spreadsheet format to enable District staff to determine the key project team members' involvement proposed for each task and sub-task and the number of management, engineering, technical, drafting and support personnel hours. The name of team member shall be included in the column headings of the spreadsheet.

Identify all costs to be billed to the project including cost per hour for each project team member and the total cost envisioned for each task, project expenses, and sub-consultant costs. Include a copy of the proposed rate schedule to be used for the duration of the project including any adjustments that are proposed to occur during the life of the project. Any proposed adjustments shall be factored into the total proposed project cost.

C. NON-DISCLOSURE AND DISCLOSURE OF PROPOSALS

Proposals will be held in confidence during the evaluation process until District staff issues Notice of Intent to Award the contract. Thereafter, all proposals will be treated as documents subject to disclosure under the California Public Records Act (Act).

If proposer believes any portion of its proposal contains confidential or proprietary information, exempt from public disclosure under the Act, proposer must label each page containing such information as "Confidential". The "Confidential Information" label must be clear and legible. Except as compelled by court process, the District will not release any such documentation claimed to be exempt that is submitted in said manner without prior written notice to the proposer.

VII. SELECTION CRITERIA

A selection committee for the District will review all proposals and rank them according to the following criteria:

- Project understanding.
- Work plan.
- Originality and innovation in project approach
- Responsiveness to the RFP.
- Experience and qualifications of the firm, project manager, key personnel, and sub-consultants.
- Experience working with public agency staff and political bodies.
- Information obtained from references.

After review and ranking of the technical proposals, the selection committee will review the cost proposal and evaluate them based on the following criteria:



-
- Reasonable amount of time to complete the various tasks.
 - Appropriate staffing to complete the various tasks.
 - Rates and charges,
 - Affordability.
 - Reasonableness of costs.

The District may or may not choose to schedule oral presentations. The consultants whose proposals are rated most favorably may be invited to make an oral presentation to the selection committee. The proposed project manager must be present at the interview (if scheduled by the District); up to three others may attend at the discretion of the firm.

Proposals will be rated and ranked based on the merit of the entire proposal, and the committee will make the final selection.

The final scope and contract amount will be negotiated with the selected consultant. In the event that negotiations are not successful, the District reserves the right to enter into negotiations with other ranked firms. District staff will make the final recommendation to the District Board of Directors for award of the consultant's contract.

VIII. SUBMITTAL OF PROPOSALS

Interested firms should submit their technical and cost proposal(s) in Adobe Acrobat (.pdf, unlocked and printable) format to:

San Juan Water District
Attention: Tony Barela
tbarela@sjwd.org

The deadline for proposal submittals is **3:00 PM on Wednesday, March 25, 2026**. Late proposals will not be accepted. Firms are advised to verify District's receipt of their proposal prior to the due date and time. The District will not begin reviewing submitted proposals until after the due date and time as stated.

IX. PROPOSAL TERMS

All proposals become the property of the District. The District will not pay any costs incurred by the firm in preparing or submitting the proposal. The District reserves the right to modify or cancel, in part or in its entirety, this RFP. The District may reject a proposal as non-responsive for failure to provide all information requested in this RFP. The District reserves the right to reject any or all proposals, to waive defects or informalities, and to offer to contract with any firm in response to this RFP. This RFP does not constitute any form of offer to contract.

Any protest concerning the rating of any proposal or award of the contract hereunder must be submitted in writing to the District's representative identified in the prior section above on or before 5:00 p.m. of the fifth (5th) calendar day following the District's release of a Notice of Intent



to Award. The procedure and time limit set forth in this paragraph are mandatory and are proposer's sole and exclusive remedy in the event of a protest of the rating of its proposal or award of the contract and failure to pursue said remedy shall constitute a waiver of any right to further pursue said protest, including filing a Government Code claim or legal proceedings.

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EXHIBIT A

San Juan Water District's Professional Services Agreement

PROFESSIONAL SERVICES AGREEMENT
BETWEEN _____, INC. AND SAN JUAN WATER DISTRICT FOR
ENGINEERING SERVICES RELATED TO THE WTP TREATED WATER
AND HINKLE TO BALDWIN PIPELINE VALVE PROJECT

THIS AGREEMENT is entered into as of the date last signed and dated below (“Effective Date”) by and between San Juan Water District, a local government agency (“District”), and _____, a _____ [state of vendors business registration/formation] [Entity Type: sole proprietorship/partnership/limited liability partnership/corporation] *[Insert type and jurisdiction of entity]* (“Contractor”), who agree as follows:

1 Scope of Work

Contractor shall perform the work and render the services described in the attached **Exhibit A** (the “Work”). Contractor shall provide all labor, services, equipment, tools, material and supplies required or necessary to properly, competently and completely perform the Work. Contractor shall determine the method, details and means of doing the Work.

2 Payment

2.1. District shall pay to Contractor a fee based on Contractor’s time and expenses necessarily and actually expended or incurred on the Work in accordance with Contractor’s fee schedule on the attached **Exhibit B**.

2.2. The total fee for the Work shall not exceed \$_____. There shall be no compensation for extra or additional work unless approved in advance in writing by District. Contractor shall be compensated for any additional work in the amounts and in the manner as agreed to in writing by the District and Contractor at the time the District’s written authorization is given to Contractor for the performance of said work. Contractor’s fee includes all of Contractor’s costs and expenses related to the Work.

2.3. At the end of each month, Contractor shall submit to District an invoice for the Work performed during the preceding month. The invoice shall include a brief description of the Work performed, the dates of Work, number of hours worked and by whom (if payment is based on time), payment due, and an itemization of any reimbursable expenditures. If the Work is satisfactorily completed and the invoice is accurately computed, District shall pay the invoice within 30 days of its receipt. Any final payment under this Agreement shall be made within forty-five (45) days of receipt of an invoice therefor.

3 Term

3.1. This Agreement shall commence on the Effective Date and continue until the Work is completed to the satisfaction of the District.

3.2. If **Exhibit A** includes a Work schedule or deadline, then Contractor must complete the Work in accordance with the specified schedule or deadline, which may be extended by District in a written amendment to this Agreement for good cause shown by Contractor. If **Exhibit A** does not include a Work schedule or deadline, then Contractor must perform the Work diligently and

as expeditiously as possible, consistent with the professional skill and care appropriate for the orderly progress of the Work.

3.3 District may at any time, for any reason, without cause, suspend or terminate this Agreement, or any portion hereof, by serving upon Contractor at least ten (10) days' prior written notice. Upon receipt of said notice, Contractor shall immediately cease all Work under this Agreement, unless the notice provides otherwise. If District suspends or terminates a portion of this Agreement, such suspension or terminations shall not make void or invalidate the remainder of this Agreement. In the event of such termination, Contractor shall be fairly compensated for all work performed to the date of termination as calculated by District based on the above fee and payment provisions, unless District disputes any of the Work performed or fees. Compensation under this subsection shall not include any termination-related expenses, cancellation or demobilization charges, or lost profit associated with the expected completion of the Work or other such similar payments relating to Contractor's claimed benefit of the bargain. Upon termination of the Agreement pursuant to this section, Contractor will submit an invoice to District pursuant to Section 2.2.

3.4 Any continuing obligation specified in this Agreement shall survive termination.

4 Professional Ability of Contractor

4.1. Contractor represents that it is specially trained and experienced, and possesses the skill, ability, knowledge and certification, to competently perform the Work provided by this Agreement. District has relied upon Contractor's training, experience, skill, ability, knowledge and certification as a material inducement to enter into this Agreement. All Work performed by Contractor shall be in accordance with applicable legal requirements and meet the standard of care and quality ordinarily to be expected of competent professionals in Contractor's field.

4.2. The following individuals are designated as key personnel and are considered to be essential to the successful performance of the work hereunder: **the individuals whose resumes are included in Exhibit A**. Contractor agrees that these individuals may not be removed from the Work or replaced without compliance with the following sections:

4.2.1. If one or more of the key personnel, for whatever reason, becomes, or is expected to become, unavailable for Work under this Agreement for a continuous period exceeding 30 work days, or is expected to devote substantially less effort to the Work than indicated in the proposal or initially anticipated, Contractor shall immediately notify District and shall, subject to District's concurrence, promptly replace the personnel with personnel of at least substantially equal ability and qualifications.

4.2.2. Each request for approval of substitutions of designated key personnel must be in writing and contain a detailed explanation of the circumstances necessitating the proposed substitutions. The request must also contain a complete resume for the proposed substitute and other information requested or needed by District to evaluate the proposed substitution. District shall evaluate Contractor's request and District shall promptly notify Contractor of its decision in writing.

5 Conflict of Interest

Contractor (including principals, associates and professional employees) represents and acknowledges that (a) it does not now have and shall not acquire any direct or indirect investment, interest in real property or source of income that would be affected in any manner or degree by the performance of Contractor's services under this agreement, and (b) no person having any such interest shall perform any portion of the Work. The parties agree that Contractor is not a designated employee within the meaning of the Political Reform Act and District's conflict of interest code because Contractor will perform the Work independent of the control and direction of the District or of any District official, other than normal contract monitoring, and Contractor possesses no authority with respect to any District decision beyond the rendition of information, advice, recommendation or counsel.

6 Contractor Records

6.1. Contractor shall keep and maintain all ledgers, books of account, invoices, vouchers, canceled checks, and other records and documents evidencing or relating to the Work and invoice preparation and support for a minimum period of three years (or for any longer period required by law) from the date of final payment to Contractor under this Agreement. District may inspect and audit such books and records, including source documents, to verify all charges, payments and reimbursable costs under this Agreement.

6.2. In accordance with California Government Code section 8546.7, the parties acknowledge that this Agreement, and performance and payments under it, are subject to examination and audit by the California State Auditor for three years following final payment under the Agreement.

7 Ownership of Documents

7.1. Upon completion of, or in the event of termination or suspension of this Agreement, all works of authorship and every report, study, spreadsheet, worksheet, plan, design, blueprint, specification, drawing, map, photograph, computer model, computer disk, magnetic tape, CAD data file, computer software and any other document or thing prepared, developed or created by Contractor under this Agreement and provided to District ("Work Product") shall be the property of District, and District shall have the rights to use, modify, reuse, reproduce, publish, display, broadcast and distribute the Work Product and to prepare derivative and additional documents or works based on the Work Product without further compensation to Contractor or any other party.

7.2. Contractor may retain a copy of any Work Product and use, reproduce, publish, display, broadcast and distribute any Work Product and prepare derivative and additional documents or works based on any Work Product; provided, however, that Contractor shall not provide any Work Product to any third party without District's prior written approval, unless compelled to do so by legal process. If any Work Product is copyrightable, Contractor may copyright the same, except that, as to any Work Product that is copyrighted by Contractor, District reserves a royalty-free, nonexclusive and irrevocable license to use, reuse, reproduce, publish, display, broadcast and distribute the Work Product and to prepare derivative and additional documents or works based on the Work Product. If District reuses or modifies any Work Product for a use or purpose other than that intended by the scope of work under this Agreement, then District shall hold Contractor harmless against all claims,

damages, losses and expenses arising from such reuse or modification. For any Work Product provided to District in paper format, upon request by District at any time (including, but not limited to, at expiration or termination of this Agreement), Contractor agrees to provide the Work Product to District in a readable, transferable and usable electronic format generally acknowledged as being an industry-standard format for information exchange between computers (e.g., Word file, Excel spreadsheet file, AutoCAD file).

8 Confidentiality of Information

8.1. Contractor shall keep in strict confidence all confidential, privileged, trade secret, and proprietary information, data and other materials in any format generated, used or obtained by the District or created by Contractor in connection with the performance of the Work under this Agreement (the “Confidential Material”). Contractor shall not use any Confidential Material for any purpose other than the performance of the Work under this Agreement, unless otherwise authorized in writing by District. Contractor also shall not disclose any Confidential Material to any person or entity not connected with the performance of the Work under this Agreement, unless otherwise authorized in advance in writing by District. If there is a question if Confidential Material is protected from disclosure or is a public record or in the public domain, the party considering disclosure of such materials shall consult with the other party concerning the proposed disclosure.

8.2. Contractor, and its officers, employees, agents, and subcontractors, shall at all times take all steps that are necessary to protect and preserve all Confidential Material. At no time shall Contractor, or its officers, employees, agents, or subcontractors in any manner, either directly or indirectly, use for personal benefit or divulge, disclose, or communicate in any manner, any Confidential Material to any person or entity unless specifically authorized in writing by the District or by order of a court or regulatory entity with jurisdiction over the matter. Contractor, and its officers, employees, agents, and subcontractors shall protect the Confidential Material and treat it as strictly confidential in accordance with applicable law, District policies and directives, and best industry security practices and standards.

8.3. Unless otherwise directed in writing by the District, upon contract completion or termination, Contractor must destroy all Confidential Materials (written, printed and/or electronic) and shall provide a written statement to the District that such materials have been destroyed.

9 Compliance with Laws

9.1. General. Contractor shall perform the Work in compliance with all applicable federal, state and local laws and regulations. Contractor shall possess, maintain and comply with all federal, state and local permits, licenses and certificates that may be required for it to perform the Work. Contractor shall comply with all federal, state and local air pollution control laws and regulations applicable to the Contractor and its Work (as required by California Code of Regulations title 13, section 2022.1). Contractor shall be responsible for the safety of its workers and Contractor shall comply with applicable federal and state worker safety-related laws and regulations.

9.2. California Labor Code Compliance for Pre- and Post-Construction Related Work

9.2.1. Applicability. This subsection 9.2.1 applies if the Work includes labor performed during the design, site assessment, feasibility study and pre-construction phases of construction, including, but not limited to, inspection and land surveying work, and labor performed during the post-construction phases of construction, including, but not limited to, cleanup work at the jobsite. (See California Labor Code section 1720(a).) If the Work includes some labor as described in the preceding sentence and other labor that is not, then this subsection 9.2.1 applies only to workers performing the pre-construction and post-construction work.

9.2.2. Contractor shall comply with the California Labor Code provisions concerning payment of prevailing wage rates, penalties, employment of apprentices, hours of work and overtime, keeping and retention of payroll records, and other requirements applicable to public works as may be required by the Labor Code and applicable state regulations. (See California Labor Code division 2, part 7, chapter 1 (sections 1720-1861), which is incorporated in this Agreement by this reference.) The state-approved prevailing rates of per diem wages are available at <http://www.dir.ca.gov/oprl/DPreWageDetermination.htm>. Contractor also shall comply with Labor Code sections 1775 and 1813, including provisions that require Contractor to (a) forfeit as a penalty to District up to \$200 for each calendar day or portion thereof for each worker (whether employed by Contractor or any subcontractor) paid less than the applicable prevailing wage rates for any labor done under this Agreement in violation of the Labor Code, (b) pay to each worker the difference between the prevailing wage rate and the amount paid to each worker for each calendar day or portion thereof for which the worker was paid less than the prevailing wage, and (c) forfeit as a penalty to District the sum of \$25 for each worker (whether employed by Contractor or any subcontractor) for each calendar day during which the worker is required or permitted to work more than 8 hours in any one day and 40 hours in any one calendar week in violation of Labor Code sections 1810 through 1815.

9.2.3. If the amount of the fee payable to Contractor under section 2 of this Agreement exceeds \$25,000, Contractor must be registered and qualified to perform public work with the Department of Industrial Relations pursuant section 1725.5 of the Labor Code.

Contractor's Public Works Contractor Registration Number: _____

10 Indemnification

10.1. To the fullest extent permitted by law, Contractor shall indemnify, defend, protect, and hold harmless District, and its officers, employees and agents ("Indemnitees"), at Contractor's sole expense, from and against any claims, liability, losses, damages, costs and expenses (including attorney, expert witness and consultant fees, and litigation costs) (collectively a "Claim") that arise out of, pertain to, or relate to the performance of the Contractor or its employees, agents or subcontractors, of this Agreement. Contractor's obligations under this indemnification provision shall survive termination of the Agreement and completion of the Work.

10.2. Contractor's duty to indemnify, hold harmless and defend under subsection 10.1 above is limited only as follows:

10.2.1. If Contractor is a "design professional" as that term is defined in Civil Code section 2782.8., and being engaged as such by this Agreement, then Contractor's duty

to indemnify and defend is limited to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the design professional. Further, in no event shall the cost to defend exceed Contractor's proportionate percentage of fault as determined by a final judgment of a court or arbitrator. Notwithstanding the previous sentence, in the event one or more defendants is unable to pay its share of defense costs due to bankruptcy or dissolution of the business, Contractor shall meet and confer with other parties regarding unpaid defense costs.

10.2.2. Contractor shall not be liable for the defense or indemnification of the District for claims arising out of the sole active negligence or sole willful misconduct of the District.

11 Insurance

11.1. Types & Limits. Contractor at its sole cost and expense shall procure and maintain prior to the beginning and for the duration of this Agreement the following types and minimum limits of insurance:

<i>Type</i>	<i>Limits</i>	<i>Scope</i>
Commercial general liability	\$2,000,000 per occurrence & \$4,000,000 aggregate	at least as broad as Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 00 01) including products and completed operations, property damage, bodily injury, personal and advertising injury
Automobile liability	\$1,000,000 per accident	at least as broad as ISO Business Auto Coverage (Form CA 00 01)
Workers' compensation	Statutory limits	
Employers' liability	\$1,000,000 per accident	
Professional liability*	\$1,000,000 per claim	

*Required only if Contractor is a licensed engineer, land surveyor, geologist, architect, doctor, attorney or accountant.

11.2. Other Requirements. The general and automobile liability policy(ies) shall be endorsed to name District, its officers, employees, volunteers and agents as additional insureds regarding liability arising out of the Work. Contractor's coverage shall be primary and apply separately to each insurer against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability. District's insurance or self-insurance, if any, shall be excess and shall not contribute with Contractor's insurance. Each insurance policy shall be endorsed to state that coverage shall not be canceled, except after 30 days (10

days for non-payment of premium) prior written notice to District. Insurance is to be placed with admitted insurers with a current A.M. Best's rating of A-:VII or better unless otherwise acceptable to District. Workers' compensation insurance issued by the State Compensation Insurance Fund is acceptable. Contractor agrees to waive subrogation that any insurer may acquire from Contractor by virtue of the payment of any loss relating to the Work. Contractor agrees to obtain any endorsement that may be necessary to implement this subrogation waiver. The workers' compensation policy must be endorsed to contain a subrogation waiver in favor of District for the Work performed by Contractor.

11.3. Proof of Insurance. Contractor shall provide to District the following proof of insurance: (a) certificate(s) of insurance evidencing this insurance; and (b) endorsement(s) on ISO Form CG 2010 (or insurer's equivalent), signed by a person authorized to bind coverage on behalf of the insurer(s), and certifying the additional insured coverage. Insurance certificates and endorsements must be approved by District prior to commencement of performance. Current certification of insurance shall be kept on file with the District at all times during the term of this Agreement. District reserves the right to require complete, certified copies of all required insurance policies at any time.

11.4. Contractor shall procure and maintain for the duration of the Agreement insurance against claims for injuries to persons or damages to property, which may arise or in connection with the performance of the Services hereunder by Contractor, or Contractor's agents, representatives, employees or subcontractors.

11.5. All insurance coverage maintained or procured pursuant to this Agreement shall be endorsed to waive subrogation against District, its agents, officials, or employees or shall specifically allow Contractor or other providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. Contractor hereby waives its own right of recovery against the District, and shall require similar written express waivers and insurance clauses from each of its subcontractors.

11.6. General liability policies shall provide or be endorsed to provide that the District, its officers, officials, employees, and agents shall be additional insured under such policies.

11.7. Contractor shall give the District prompt and timely notice of claims made or suits instituted that arise out of or result from Contractor's performance under this Agreement, and that involve or may involve coverage under any of the required liability policies.

12 General Provisions

12.1. Entire Agreement; Amendment. The parties intend this writing to be the sole, final, complete, exclusive and integrated expression and statement of the terms of their contract concerning the Work. This Agreement supersedes all prior oral or written negotiations, representations, contracts or other documents that may be related to the Work, except those other documents (if any) that are expressly referenced in this Agreement. This Agreement may be amended only by a subsequent written contract approved and signed by both parties. Each party is entering into this Agreement based solely upon the representations set forth herein and upon each party's own independent investigation of any and all facts such party deems material.

12.2. Non-Exclusive Agreement. Contractor acknowledges that District may enter into agreements with other consultants for services similar to the services that are subject to this Agreement or may have its own employees perform services similar to those services contemplated by this Agreement.

12.3. Construction. The parties hereto have participated in jointly in the negotiations and drafting of this Agreement. In the event an ambiguity or question of intent or interpretation arises with respect to this Agreement, this Agreement shall be construed as if drafted jointly by the parties and in accordance with its fair meaning. There shall be no presumption or burden of proof favoring or disfavoring any party by virtue of the authorship of any of the provisions of this Agreement.

12.4. Independent Contractor. Contractor's relationship to District is that of an independent contractor. All persons hired by Contractor and performing the Work shall be Contractor's employees or agents. The personnel performing the services under this Agreement on behalf of Contractor shall at all times be under Contractor's exclusive direction and control. Neither the District nor any of its officers, employees, or agents shall have control over the conduct of Contractor or any of its Contractor's officers, employees, or agents, except as set forth in this Agreement. Contractor and its officers, employees and agents are not District employees, and they are not entitled to District employment salary, wages or benefits. Contractor shall pay, and District shall not be responsible in any way for, the salary, wages, workers' compensation, unemployment insurance, disability insurance, tax withholding, and benefits to and on behalf of Contractor's employees. Contractor shall, to the fullest extent permitted by law, indemnify District, and its officers, employees, volunteers and agents from and against any and all liability, penalties, expenses and costs resulting from any adverse determination by the federal Internal Revenue Service, California Franchise Tax Board, other federal or state agency, or court concerning Contractor's independent contractor status or employment-related liability.

12.5. Subcontractors. No subcontract shall be awarded nor any subcontractor engaged by Contractor without District's prior written approval. Contractor shall be responsible for requiring and confirming that each approved subcontractor meets the minimum insurance requirements specified in section 11 of this Agreement. Any approved subcontractor shall obtain the required insurance coverages and provide proof of same to District in the manner provided in section 11 of this Agreement.

12.6. Assignment. This Agreement and all rights and obligations under it are personal to the parties. The Agreement may not be transferred, assigned, delegated or subcontracted in whole or in part, whether by assignment, subcontract, merger, operation of law or otherwise, by either party without the prior written consent of the other party. Any transfer, assignment, delegation, or subcontract in violation of this provision is null and void and grounds for the other party to terminate the Agreement.

12.7. No Waiver of Rights. The delay or failure of any party at any time to require performance or compliance by the other of any of its obligations or agreements shall in no way be deemed a waiver of those rights to require such performance or compliance. No waiver of any provision of this Agreement shall be effective unless in writing and signed by a duly authorized representative of the party against whom enforcement of a waiver is sought. Any waiver at any time by either party of its rights as to a breach or default of this Agreement shall not be deemed to be a waiver as to any other breach or default. No payment by District

to Contractor shall be considered or construed to be an approval or acceptance of any Work or a waiver of any breach or default.

12.8. Severability. If any part of this Agreement is held to be void, invalid, illegal or unenforceable by a court of competent jurisdiction in any circumstance, then the remaining parts will continue in full force and effect and be fully binding, provided that each party still receives the benefits of this Agreement. Notwithstanding the foregoing, if the value of this Agreement, based upon the substantial benefit of the bargain for any party, is materially impaired, which determination made by the presiding court or arbitrator of competent jurisdiction shall be binding, then both parties agree to substitute such provision(s) through good faith negotiations.

12.9. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original. All counterparts shall be construed together and shall constitute one agreement.

12.10. Attorney's Fees. In the event that litigation is brought by any party in connection with this Agreement, the prevailing party shall be entitled to recover from the opposing party all costs and expenses, including reasonable attorneys' fees, incurred by the prevailing party in the exercise of any of its rights or remedies hereunder or the enforcement of any of the terms, conditions, or provisions hereof.

12.11. Governing Law and Venue. This Agreement will be governed by and construed in accordance with the laws of the State of California. The county and federal district court where District's office is located shall be venue for any state and federal court litigation concerning the enforcement or construction of this Agreement.

12.12. Licenses. At all times during the term of this Agreement, Contractor shall have in full force and effect all licenses required of it by law for the performance of the Services described in this Agreement.

12.13. Notice. Any notice, demand, invoice or other communication required or permitted to be given under this Agreement must be in writing and delivered either (a) in person, (b) by prepaid, first class U.S. mail, (c) by a nationally-recognized commercial overnight courier service that guarantees next day delivery and provides a receipt, or (d) by email with confirmed receipt. Such notices, etc. shall be addressed as follows:

District:

San Juan Water District
Attn: Tony Barela
9935 Auburn Folsom Road
Granite Bay, CA 95746
E-mail: tbarela@sjwd.org

Contractor:

Attn: _____

Email: _____

Notice given as above will be deemed given (a) when delivered in person, (b) three days after deposited in prepaid, first class U.S. mail, (c) on the date of delivery as shown on the overnight courier service receipt, or (d) upon the sender's receipt of an email from the other party confirming the delivery of the notice, etc. Any party may change its contact information by notifying the other party of the change in the manner provided above.

12.14. Signature Authority. Each party warrants that the person signing this Agreement is authorized to act on behalf of the party for whom that person signs. The Parties may execute and deliver this Agreement and documents necessary to perform it, including task orders and amendments, in any number of original or facsimile counterparts. When each Party has signed and delivered at least one counterpart to the other Party, each counterpart shall be deemed an original and, taken together, the counterparts shall constitute one and the same document, which shall be binding and effective.

12.15. Professional Licensing. Contractor represents that the employees in responsible charge of the professional services performed under this agreement are licensed by the California Board of Professional Engineers and Land Surveyors, and that their licenses are in good standing and will be kept in good standing during the term of this Agreement.

12.16. Public Records Act Disclosure. Contractor is aware that this Agreement and all reports, documents, information and data, including, but not limited to, computer tapes, discs or files furnished or prepared by Consultant, or any of its subcontractors, pursuant to this Agreement and provided to the District may be subject to public disclosure as required by the California Public Records Act (California Government Code section 7920.000 et seq.). Exceptions to public disclosure may be those documents or information that qualify as trade secrets, as that term is defined in the California Government Code section 7924.510, and of which Contractor informs City of such trade secret. The District will endeavor to maintain as confidential all information obtained by it that is designated as a trade secret. The District shall not, in any way, however, be liable or responsible for the disclosure of any trade secret including, without limitation, those records so marked if disclosure is deemed at its discretion to be required by law or by order of the Court.

SAN JUAN WATER DISTRICT:

[CONTRACTOR]

Dated: _____

Dated: _____

By: _____

By: _____

[Signer]

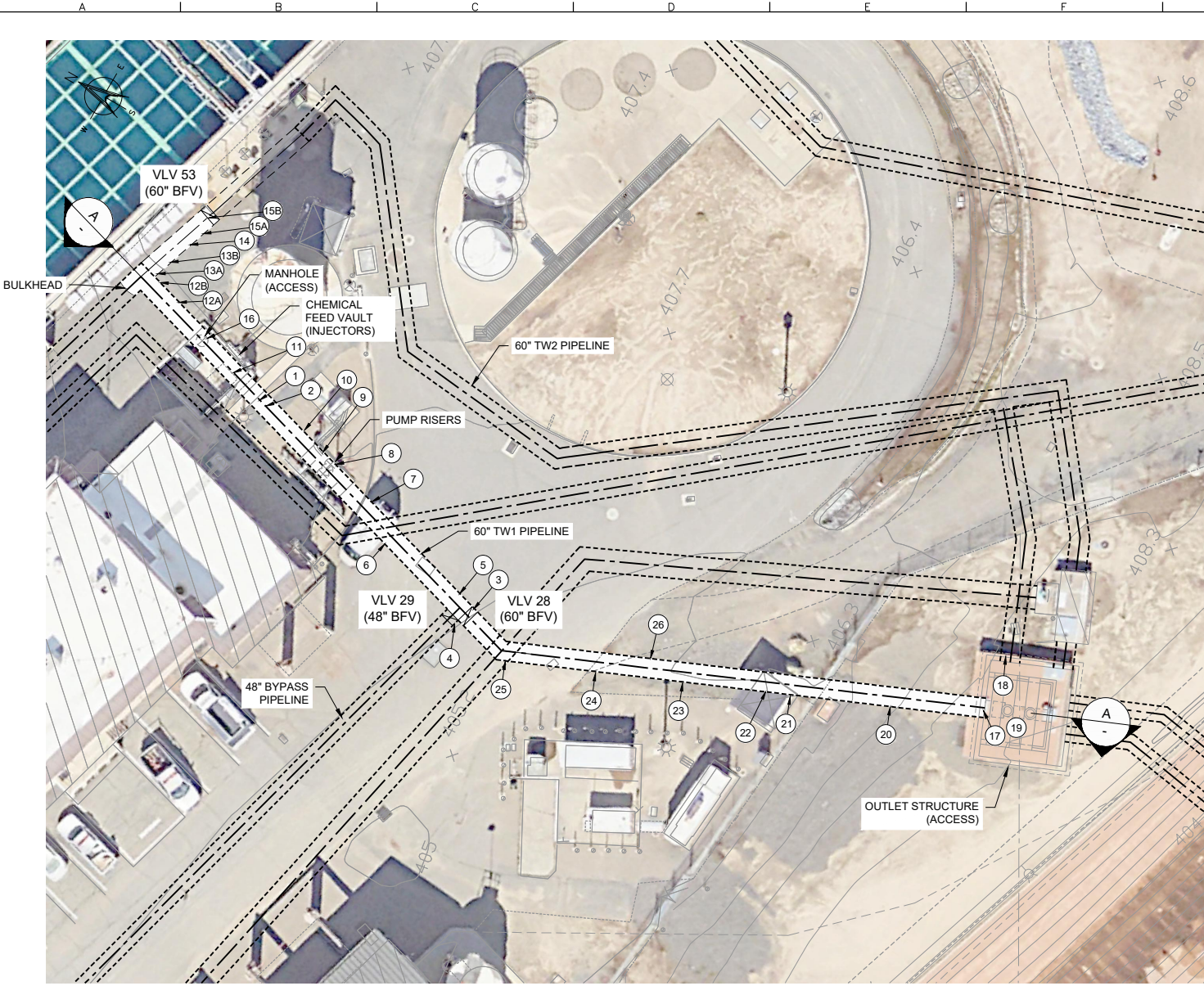
[Title]

Print: _____

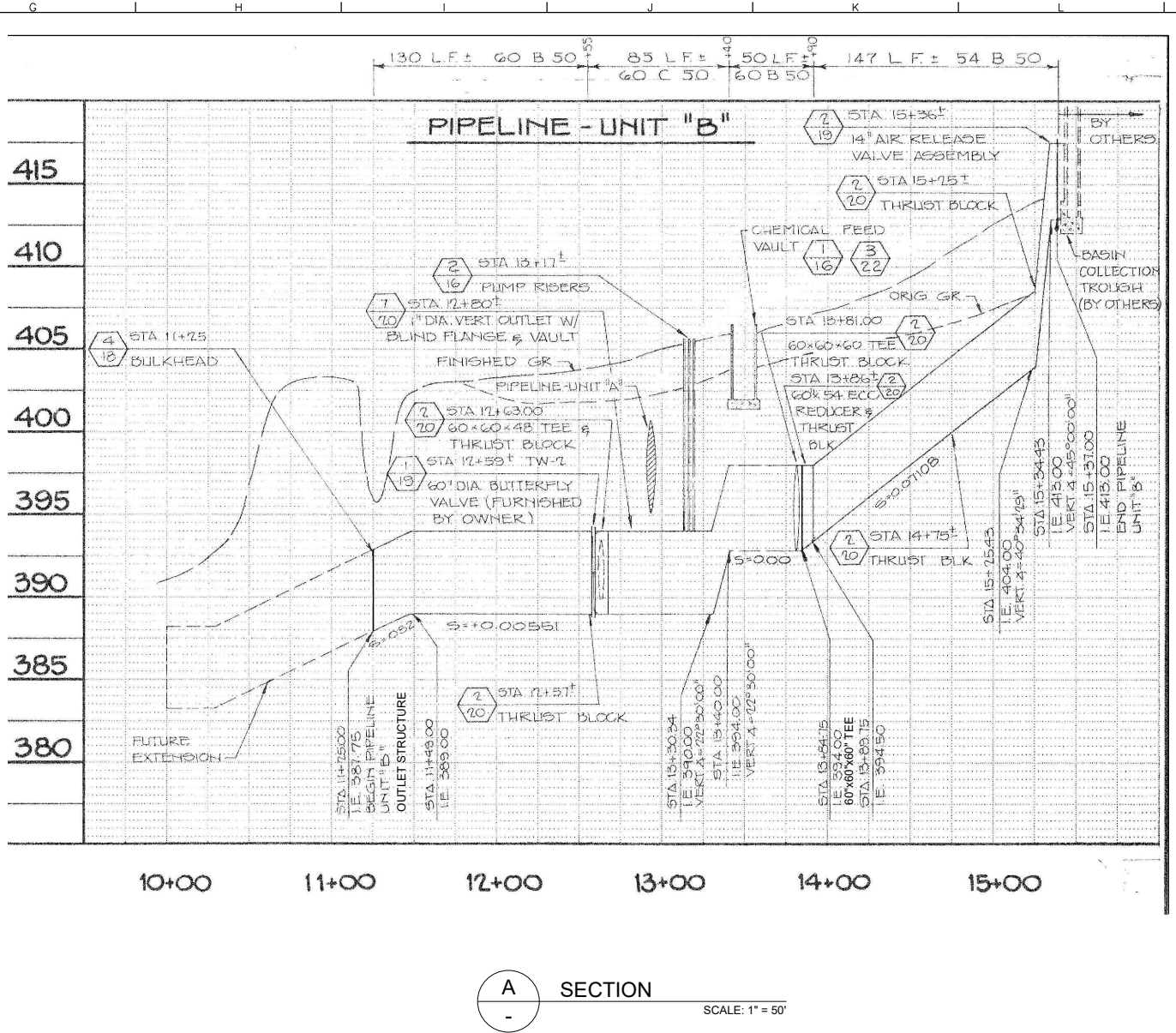
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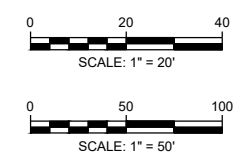
EXHIBIT
Treated Water #1 Pipeline
Map & Summary Table of Observations
and Recommendations



PLAN
SCALE: 1" = 20'



A SECTION
SCALE: 1" = 50'



USE OF DOCUMENTS CONFIDENTIAL AND SENSITIVE PUBLIC INFRASTRUCTURE INFORMATION - PUBLIC REVIEW AND DISCLOSURE PROHIBITED UNDER FEDERAL AND CALIFORNIA LAW - NOT FOR PUBLIC RELEASE THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGN IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF SAN JUAN WATER DISTRICT.									
WATER TREATMENT PLANT TREATED WATER 1 PIPELINE INSPECTION OBSERVATION LOCATIONS MAP									
Project: 03/25/2025 Sheet Scale: SEE PLAN File No.: N/A Sheet Number: 1 of 1	Project Manager: M. HARGROVE Designer: N/A Drafter: M. HARGROVE Checker: N/A Client Date: 3/25/2025								
SAN JUAN WATER SINCE 1854 SJWD ENGINEERING DEPT									
Revisions: <table border="1"> <thead> <tr> <th>No.</th> <th>Date</th> <th>By</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		No.	Date	By	Description				
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Summary Table of Observations and Recommendations

*Observation No.	**Observation Location	**Observations	Location Type	Repair Required? (Yes/No)	Description of Repair (N/A if None)
1	Inside 60-in TW1 Pipeline at 45 deg vertical elbows just south of access manhole.	Pipe and pipe lining appear to be in good condition.	Pipe Wall	No	N/A
2	Inside 60-in TW1 Pipeline just south of 45 deg vertical elbows.	Full circumferential cracking of pipe cement lining. Width of crack is between 1/16 -in and 1/8-in. There are a couple of "pitted" locations.	Pipe Wall	Yes	Repair full circumferential crack of concrete lining at this location.
3	Inside 60-in TW1 Pipeline at 60" butterfly valve.	The 60-in butterfly valve coating appears to be completely gone (non-visible). Corrosion is occurring with the most severe corrosion on the valve disc. The seating gasket is deformed and damaged in several locations.	Valve	Yes	Replace 60-in butterfly valve.
4	Inside 60-in TW1 Pipeline at 48" butterfly valve located at 60"x60"x48".	The 48-in butterfly valve coating appears to be completely gone (non-visible). Corrosion is occurring. The seating gasket is damaged in several locations. Valve does not close completely.	Valve	Yes	Replace 48-in butterfly valve.
5	Inside 60-in TW1 Pipeline just north of 60"x60"x48" tee.	Full circumferential cracking of pipe cement lining. Width of crack is between 1/16 -in and 1/8-in. There are a couple of "pitted" locations.	Pipe Wall	Yes	Repair full circumferential crack of concrete lining at this location.
6	Inside 60-in TW1 Pipeline north of 60"x60"x48" tee at pipe joint.	Joint grouting is missing in a couple of areas in the joint and steel is exposed with visible corrosion. There is also cracking in the joint group in areas where grout is still intact.	Pipe Joint	Yes	Repair full circumferential joint at this location.
7	Inside 60-in TW1 Pipeline north of 60"x60"x48" tee at previous cement lining repair location.	Repair cement is still intact and in good condition. There is minor spider cracking.	Pipe Wall	No	N/A
8	Inside 60-in TW1 Pipeline at pump risers.	Pump riser appears in fair condition with visible coating remaining at the connection to the 60-in pipe. The interior of the riser appears to have coating but also visible corrosion.	Pipe Outlet	No	N/A
9	Inside 60-in TW1 Pipeline at pipe joint.	Grout is cracking and even missing in portions of the joint. Steel is exposed in joint where grout missing.	Pipe Joint	Yes	Repair full circumferential joint at this location.
10	Inside 60-in TW1 Pipeline south of injector penetrations.	There is transverse cracking along full circumference of pipe. There is also longitudinal scarring on pipe cement lining. The cracks are between 1/16-in and 1/8-in. They do not appear to be deep cracks.	Pipe Wall	Yes	Repair full circumferential crack of concrete lining at this location.
11	Inside 60-in TW1 Pipeline at chemical injectors.	There was a total of four injector wells found. Two of the injector ports currently housed injector rods. The two unoccupied injector wells showed corrosion. It was difficult to see the condition within occupied injector wells. At the center bottom of the 60-in pipe, directly below one occupied well (chlorine injector) and one unoccupied well (old chlorine injector), there were 4-in diameter holes. The holes appear to go all the way through the pipe. The holes may have developed because of high pressure injection of the chemicals. The holes were patches with non-shrink NSF 61 grout.	Pipe Outlet (total of 4)	Yes	Repair holes (total of 2) in bottom of pipe with steel plate patch and concrete lining. Repair concrete lining at outlet penetrations.
12A	Inside 60-in TW1 Pipeline at west end of pipeline between access manhole and tee pipe joint.	Full circumferential cracking of pipe cement lining. Width of crack is between 1/16 -in and 1/8-in. There are a few areas of "pitted" locations.	Pipe Wall	Yes	Repair full circumferential crack of concrete lining at this location.
12B	Inside 60-in TW1 Pipeline at pipe joint.	The grout in the joint below pipe centerline appears to be in good condition. The grout above the pipe centerline appears to be deteriorating.	Pipe Joint	Yes	Repair full circumferential joint at this location.
13A	Inside 60-in TW1 Pipeline at buttstrap joint on east side of tee.	The buttstrap at the joint appears to be in good condition. There is visible corrosion on the east edge of the buttstrap/pipe connection for the full circumference of the pipe.	Buttstrap	Yes	Repair concrete lining along east edge of buttstrap.
13B	Inside 60-in TW1 Pipeline at first joint east of the 60"x60"x60" tee.	The joint visibly appears to be in good condition.	Pipe Joint	No	N/A
14	Inside 60-in TW1 Pipeline at second joint east of the 60"x60"x60" tee and just west of 60-in valve.	Overall the joint appears to be in fair condition. The grout appears to be intact. However, there are several locations around the joint where rust can be seen. However, it could not be ascertained if steel is exposed or these are rust deposits or stains from other locations in the pipe.	Pipe Joint	Yes	Repair full circumferential joint at this location.
15A	Inside 60-in TW1 Pipeline between second joint east of the 60"x60"x60" tee and 60-in valve.	The cement lining between the joint and the 60-in valve contains alligator cracking. Appears to be mostly surface cracking and not full penetration cracking. There does appear to be one spot at top of pipe adjacent to the joint where cement lining is missing.	Pipe Wall	Yes	Repair concrete lining in localized area where lining is missing.
15B	Inside 60-in TW1 Pipeline at 60-in butterfly valve.	There is visible corrosion between the valve disc and seat. There is also corrosion in several locations around the disc. There is a leak between the disc and seat at about 4 o'clock due to damaged rubber gasket.	Valve	Yes	Recoat areas on disc and around edge of disc/seat that show corrosion.

*Observation No.	**Observation Location	**Observations	Location Type	Repair Required? (Yes/No)	Description of Repair (N/A if None)
16	Inside 60-in TW1 Pipeline access manhole.	There is visible corrosion where manhole riser connects to 60-in pipe.	Manhole	Yes	Repair concrete lining at location where manhole riser connects to pipe.
17	Inside Hinkle Outlet Structure facing outlet of 60in TW1 pipeline.	The 60-in TW1 outlet appears visible to be in good condition.	Outlet	No	N/A
18	Inside Hinkle Outlet Structure facing outlet of TW2 60-in pipeline (northerly).	The 60-in TW2 outlets were visibly in good condition.	Outlet	No	N/A
19	Inside Hinkle Outlet Structure.	The interior walls, floor, ceiling, and piping within the outlet structure is visible in good condition. No corrosion or cracking was visible.	Outlet	No	N/A
20	Inside 60-in TW1 Pipeline at joint about 20 ft northwest of Hinkle Outlet Structure.	The joint has about 1/8-in to ¼-in gap in it between joint grout and pipe cement lining for full circumference of pipe. Steel was not visible. No corrosion (i.e. rust) was visible.	Pipe Wall	No	N/A
21	Inside 60-in TW1 Pipeline at joint about 40 ft northwest of Hinkle Outlet Structure.	The joint has about 1/8-in to ¼-in gap in it between joint grout and pipe cement lining for full circumference of pipe. Steel was not visible. No corrosion (i.e. rust) was visible.	Pipe Joint	No	N/A
22	Inside 60-in TW1 Pipeline about 40 ft plus northwest of Hinkle Outlet Structure.	Located a 2-in outlet below springline of 60-in TW1 pipe. There is cement lining missing around the outlet. Otherwise, the outlet and connection appear to be in good condition.	Outlet	Yes	Repair concrete lining around outlet.
23	Inside 60-in TW1 Pipeline at joint about 60 ft northwest of Hinkle Outlet Structure.	The grout is missing in the joint for over 90% of the full circumference of the joint. The remaining grout is cracking and deteriorating. The steel that was beneath the grout show visible corrosion.	Pipe Joint	Yes	Repair full circumferential joint at this location.
24	Inside 60-in TW1 Pipeline at joint about 80 ft northwest of Hinkle Outlet Structure.	The grout is missing in the joint for over 50% of the full circumference of the joint. The remaining grout is cracking and deteriorating. The steel in some locations beneath the grout shows visible corrosion.	Pipe Joint	Yes	Repair full circumferential joint at this location.
25	Inside 60-in TW1 Pipeline at joint about 5 ft southeast of 60-in butterfly valve.	The grout in the joint appears to be in fair to good condition. There are a couple of locations where grout is flaking off in thin layers.	Pipe Joint	No	N/A
26	Inside 60-in TW1 Pipeline about 60 ft to 70 ft northwest of Hinkle Outlet Structure.	A stainless steel injector rod was found in the 60-in TW 1 pipeline. The rod was removed from the pipeline through the Hinkle Outlet Structure.	N/A	N/A	N/A

*See Exhibit B for Observation Locations Map.

**See Exhibit C for Pipeline Observations Forms with Photos.

Example Photos

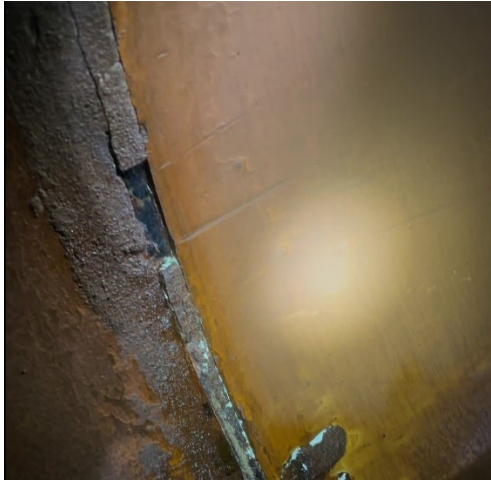


Figure 4: Observation #6 at Pipe Joint



Figure 5: Observation #11 at Chemical Injectors



Figure 6: Observation #12B at Pipe Joint

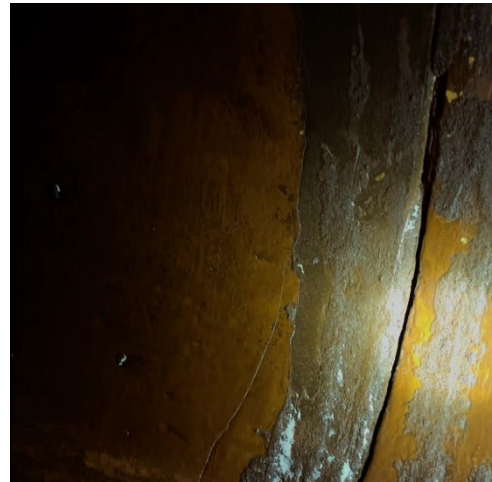


Figure 7: Observation #24 at Pipe Joint