

Artesia Pump Station Improvements Project

Ismael Rosales, P.E.

Project Engineer

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Contract Administrator

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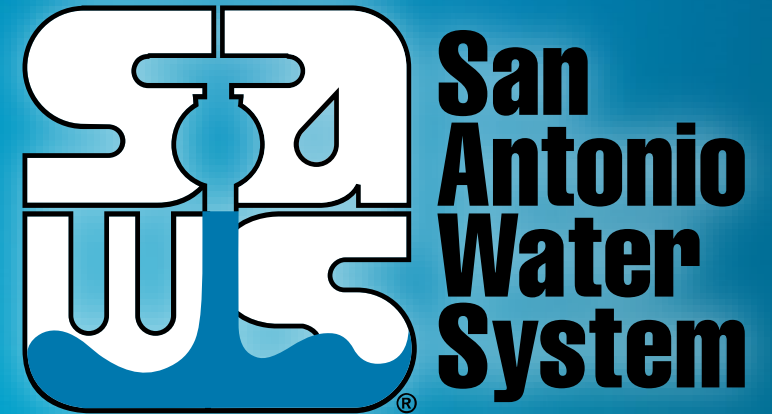
SMWVB Program Manager

Lou Portillo, P.E.

Design Consultant

Max Wallack, P.E.

Design Consultant



Non- Mandatory Pre-Proposal
Meeting

July 9, 2021

MAKING SAN ANTONIO
WATERFUL 

WebEx Meeting Information

- Attendees for this pre-proposal meeting can:
 - Access the presentation thru the WebEx link to follow along real-time
 - Access via phone and follow along with the PowerPoint posted on the SAWS web at:
https://apps.saws.org/business_center/ContractSol/Drill.cfm?id=3953&View=Yes
- Use the Chat feature in WebEx to sign in for this meeting (name, company name and contact information), as well as submit questions
 - SAWS will read questions aloud at the end of the meeting
- Please keep your devices muted during the meeting

Oral Statements

Oral statements or discussion during the pre-submittal meeting today will not be binding, nor will it change or affect the terms or conditions within the Plans and Specifications of this Project. Changes, if any, will be addressed in writing only via an Addendum.

Meeting Agenda

- General Information
- SMWVB Requirements
- Vendor Registration
- Contract Solicitations Website
- Contract Requirements
- Required Experience
- Evaluation Process
- Evaluation Criteria
- Proposal Packet Preparation
- Key Dates
- Communication Reminders
- Proposal Due Date
- Project Overview
- Contact Information

General Information

- This is a Non-Mandatory pre-proposal meeting
- This presentation has been posted on the SAWS website
 - Attendee list will be posted at the conclusion of the meeting
- The construction estimate is \$21,618,000.00
- Construction services being procured through Request For Competitive Sealed Proposal (RFCSP) under Texas Government Code 2269
- Construction duration is 730 calendar days

Aspirational SMWVB Goal

Industry	Aspirational SMWB Goal
Construction	20%

The aspirational SMWVB goal is 20% of your total Price Proposal

Accepted SMWVB Certification Agency

- **South Central Texas Regional Certification Agency**

(Includes the Texas Historically Underutilized Business “HUB” Program, MBE, WBE, SBE)

Minimum Qualifications for SMWVB recognition:

- SBE-Certified (even MBEs and WBEs)
- ***Local office or local equipment yard***

Good Faith Effort Plan (GFEP) FAQs

- **Q: Is the 20% SMWVB goal mandatory?**
A: No, but we ask prime contractors to do their best with good faith outreach efforts. If the goal is not met, proof of outreach efforts is required with the submittal.
- **Q: What if I am having trouble finding SMWVB subcontractors?**
A: Please email the SMWVB Program Manager with the scopes of work you are seeking. You will receive lists of local SMWVB-certified firms to contact.
- **Q: What if my business is SMWVB-certified? Do I need to find SMWVB subs?**
A: If your firm is SMWVB-certified, you will most likely meet the goal. However, the GFEP is a required document, and a good faith outreach effort is still necessary.
- **Q: Do I need to include all my subcontractors in the GFEP or just those that qualify towards the SMWVB goal?**
A: All subcontractors need to be included in the GFEP, even those that may not count towards the SMWVB goal.
- **Q: What if I have questions about the GFEP?**
A: Please contact the SMWVB Program Manager at 210-233-3420, or at Marisol.Robles@saws.org. GFEP questions can be asked at any time before the submittal is due.

SMWVB Scoring

Proposed SAWS Construction Alternative Delivery Method SMWB Scoring:

All respondents may earn the maximum number of SMWVB points (10 points). Firms may use any combination of points below when attempting to meet the SMWB goals. Self-performance and subcontracting may be used to achieve the aspirational goals and earn points. SMWB prime contractors and/or subcontractors must be certified by the South Central Texas Regional Certification Agency, and must have a local presence in the San Antonio Metropolitan Statistical Area in order to be eligible for SMWB points.

1. M/WBE Scoring Method: 10 Points (By percentage) 20.00% M/WBE Goal

- MBE Participation Percentage between 1% and 4.99%: 1 Point
- MBE Participation Percentage between 5% and 9.99%: 2 Points
- MBE Participation Percentage between 10% and 14.99%: 4 Points
- MBE Participation Percentage between 15% and 16.99%: 5 Points
- MBE Participation Percentage between 17% and 19.99%: 8 Points
- MBE Participation Percentage meeting or exceeding 20.00%: 10 Points

2. SBE (Non-M/WBE) Scoring Method: 5 Points (By percentage) 5% SBE Goal

- SBE Participation Percentage between 1% and 1.99%: 1 Point
- SBE Participation Percentage between 2% and 2.99%: 2 Points
- SBE Participation Percentage between 3% and 3.99%: 3 Points
- SBE Participation Percentage between 4% and 4.99%: 4 Points
- SBE Participation Percentage meeting or exceeding 5.00%: 5 Points

Post Award: Subcontractor Payment & Utilization Reporting (S.P.U.R.) System

1. Subcontractor & Supplier Payment Tracking
2. Subcontractor and Supplier Additions or Substitutions
3. LCP Tracker
4. Must be Current and Accurate before Retainage is released

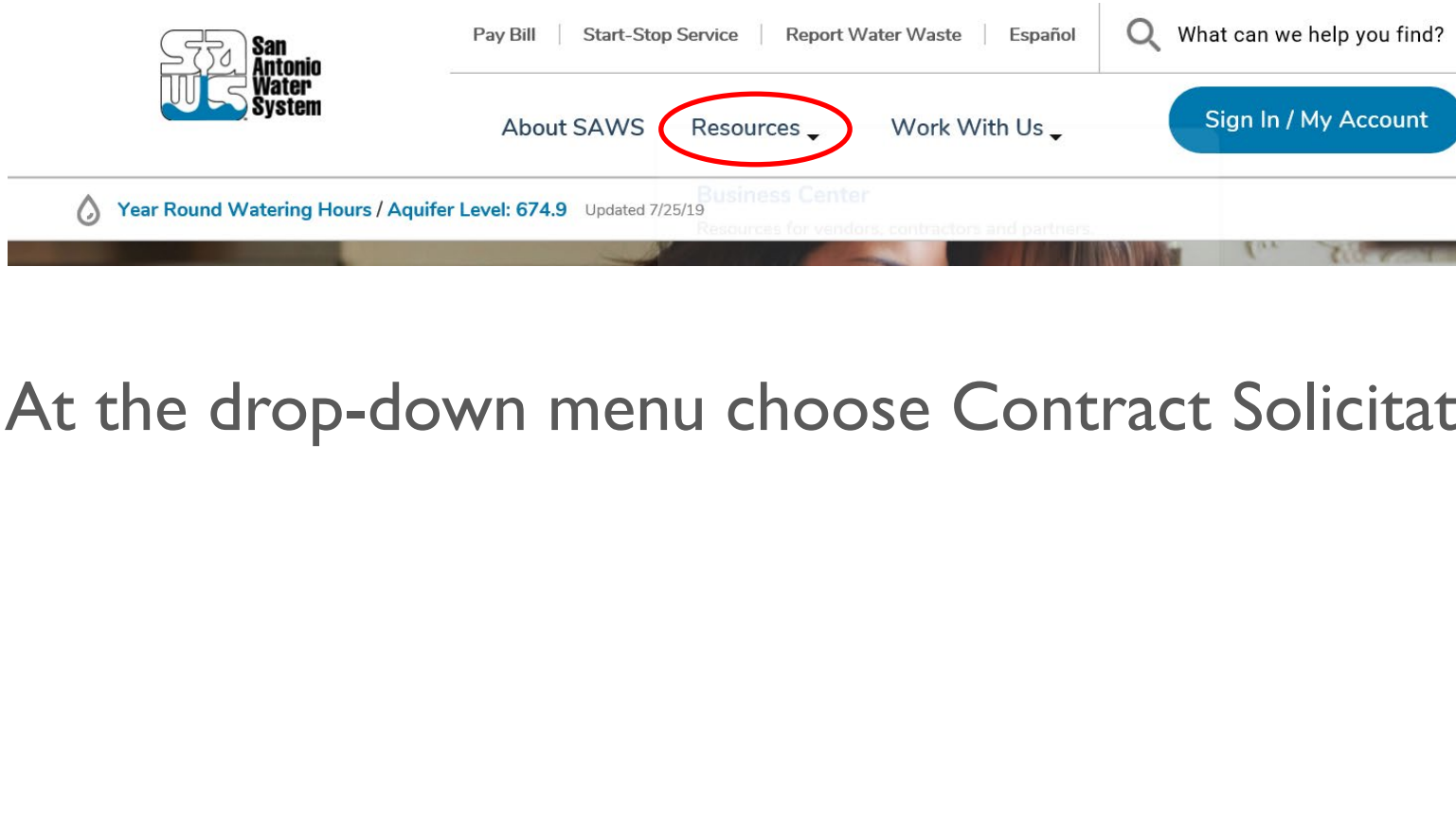
<https://saws.smwbe.com>



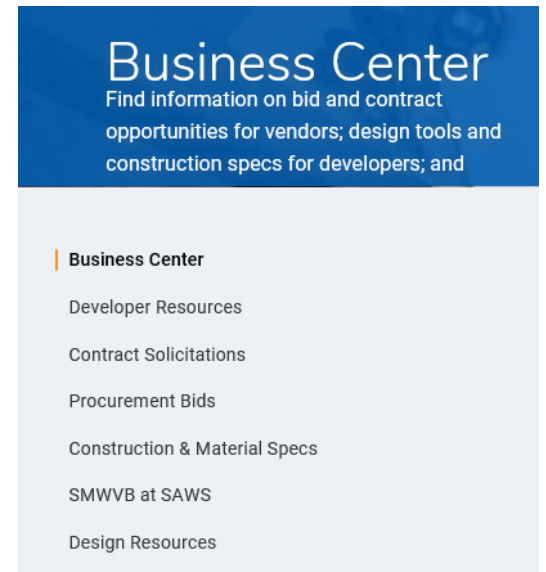
The screenshot displays the homepage of the San Antonio Water System's Subcontractor Payment & Utilization Reporting System. The page features a blue header with the San Antonio Water System logo on the left, the text "OUR MAIN SITE" in the center, and a "CONTACT SUPPORT" button on the right. The main content area has a background image of industrial water treatment equipment. The title "Subcontractor Payment & Utilization Reporting System" is prominently displayed in white text, with a "Log In" button below it. Below the title, there are three columns of links: "System Training" (with a sub-link "Training"), "About the System" (with a sub-link "Information for Vendors"), and "Account Access" (with sub-links "Account Lookup" and "Forgot Password"). At the bottom of the page, a small footer reads: "The Subcontractor Payment & Utilization Reporting System is powered by B2CNow Software © Copyright 2018."

Contract Solicitations Website – Recent Changes

- To locate the Contract Solicitations website choose Resources



- At the drop-down menu choose Contract Solicitations



Contract Solicitations Website – Recent Changes

- Choose the specific project
- The following buttons are now located under the advertisement:
 - Notify Me
 - Plan Holder's List
 - Downloads
 - Plans
 - Specs
 - Addendums
 - Geotechnical Data Report



The screenshot shows a project advertisement for a "Non-Mandatory Pre-Bid Meeting" on August 6, 2019. The advertisement includes the following elements:

- Calendar Icon:** A calendar icon with the number 31.
- Title:** "Non-Mandatory Pre-Bid Meeting"
- Date:** "10:00 AM, Tuesday Aug. 6, 2019"
- Address:** "San Antonio Water System Customer Service Building, 2800 U.S. Hwy 281 N, San Antonio, Texas 78212; Conference Room CR-C145"
- Notify Me:** A megaphone icon with the text "Notify Me" and "Receive updates sent straight to your inbox." Below it is a blue "Subscribe" button.
- Plan Holders List:** An icon of three people with the text "Plan Holders List" and "View plan holders list." Below it is a blue "View List" button.
- Downloads:** A section titled "Downloads" containing two entries:
 - Specifications:** "Specifications" (blue link), "Jul. 31, 2019", and "Note: You must be logged in to access this document." A PDF icon with a lock is to the right.
 - Plans:** "Plans" (blue link), "Jul. 31, 2019", and "Note: You must be logged in to access this document." A PDF icon with a lock is to the right.

Vendor Registration & Notification (VRN)

- Please register through SAWS Vendor Registration Program on the SAWS website at www.saws.org to ensure access to the latest information
- To receive updates, including Addendums, for specific projects, registered vendors must 'Subscribe' to the project by selecting the project, and clicking 'Subscribe' under the Notify Me box

https://apps.saws.org/Business_Center/Contractsol/



Notify Me

Receive updates sent straight to your inbox.



Subscribe

Artesia Pump Station Improvements Project

Contract Requirements

Prevailing Wage Rate and Labor Standards – Section 2.10 of the General Conditions

- Certified payroll to be submitted on weekly basis
- Wage decisions are included within the specifications
- Contractors to utilize LCP Tracker
- Site visits are random and unannounced
- Interviews will be conducted and will be private & confidential
- Payroll records are subject to review
- All apprenticeship programs will need to be approved by Department of Labor prior to starting
- Contractors are responsible for sub-contractor payroll
- Late payrolls delay contractor payments from SAWWS

Contract Requirements

- Insurance requirements are found in Section 5.7 of the GCs
 - Construction w/ Pollution, Builders Risk & XS 2 Million
- Contractor must maintain insurance coverage during the construction of this Project
- SAWS will ask for insurance prior to Board award to expedite execution of the contract
 - Any deficiencies must be corrected prior to Board award
 - Insurance must be compliant prior to executing the contract

Contract Requirements

- A Geotechnical Report and Asbestos and Lead Investigation Report are available to view on SAWS' website with the completion of a disclaimer form
- Liquidated Damages are \$1,085.00 per day

Required Experience

- Respondents should have the following experience to submit a proposal:
 - Should clearly demonstrate, completely and sufficiently, that upgrading, rehabilitating, and constructing high service pump stations and installing large (24-inch and larger) diameter water main as primary business focus and service, and such services have been successfully provided for at least five (5) continuous years.
 - Detailed requirements are included in the Supplementary Instructions to Respondents and Evaluation Criteria Forms

Evaluation Process

- Technical Evaluation Committee (TEC) will score the proposals based on the evaluation criteria published in the Supplementary Instructions to Respondents to determine the Respondent who can provide the best value to SAWS
- Price will be calculated (lowest price receives the highest points) and added to final scores
- SMWB points will be added to final scores
- Selection Evaluation Committee reviews final scores
- Negotiations, if any
- Board award

Evaluation Criteria

Criteria	Weight	Pg. No.
Team Qualifications and Experience	20%	SIR-3
Quality, Reputation, and Ability to Deliver Projects on Schedule and within Budget	20%	SIR-5
Project Approach including Delivery Schedule	15%	SIR-8
Price Proposal	35%	SIR-9
Small, Minority, and Woman-owned Business Participation	10%	SIR-9
TOTAL	100%	

Evaluation Criteria

Team Qualifications and Experience (20 Points)

- Organizational Structure and Information on Prime Contractor
 - No. of employees, debarment/litigation history, years performing work, financial statement, etc.
- Proposed Team Structure and Key Personnel Roles and Responsibilities
 - 1 Page Org chart with Key Personnel for Prime and Key Subcontractors
 - Clear description of proposed team, including Key Subcontractors, and teaming history and proposed approach for ensuring a successful project
 - Clear description of proposed team's Key Personnel roles and responsibilities
- Qualifications and Experience of Key Personnel Proposed for this Project
 - Resumes for Key Personnel (Prime Contractor and Key Subcontractors) identified on the Org Chart

Evaluation Criteria

Quality, Reputation & Ability to Deliver Projects on Schedule and within Budget (20 Points)

- Prime Contractor On-Time Completion on Similar Projects in Past 15 years
 - Three (3) Projects in the past fifteen (15) years of similar size, scope and complexity
 - Key Personnel must have participated on 2 of the 3 projects, and
 - Project Manager 1 of 3 / Superintendent 1 of 3 / QC Manager 1 of 3
 - If SAWS experience include as 1 of 3 projects
- List of all current and recently completed improvement, upgrades, rehabilitation, and new construction of potable water production facility projects performed in last 5 years for all utility owners
- List of all projects currently under construction in which Key Personnel are involved

Evaluation Criteria

Quality, Reputation & Ability to Deliver Projects on Schedule and within Budget (20 Points)

- **Key Subcontractor Performance on Similar Projects in Past 10 Years**
 - Projects demonstrating Subcontractor(s) Performance on Similar Projects in the past ten (10) years
 - 2 Projects that identified Key Electrical Subcontractor's PM and Project Superintendent participated in
 - 2 Projects that identified Key PCSI Subcontractor's PM and Project Superintendent participated in
 - 2 Projects that identified Key ASP Subcontractor's PM and Project Superintendent participated in
 - 2 Projects that identified Water Well Driller, licensed by the Texas Department of Licensing and Registration, Project Superintendent participated in
 - If Prime is self performing, Respondent shall provide 2 additional projects for each of the Key Subcontractor roles being replaced
 - Key Personnel shall have participated in 1 of the 2 additional projects

Evaluation Criteria

Project Approach, Schedule and Availability (20 Points)

- Project Approach

- To include key milestones, specific critical processes and paths, construction phasing/sequencing, permits, approvals, coordination with stakeholder, etc.
- Procurement items, including the high service pumps, motors, large (24-inch and larger) diameter pipe and valves, MCC, PLC, other electrical components and other long-lead time equipment or devices
- Innovative ideas for cost savings
- Quality Management Plan (steps, safeguards, QC processes, document control etc.)

Evaluation Criteria

Project Approach, Schedule and Availability (20 Points)

- Project Schedule and Unforeseen Conditions
 - Critical Path Method Schedule in Primavera or MS Project with all milestones, critical processes and critical path methods, etc. using anticipate NTP of October 25, 2021
 - Explain how Respondent will complete project on schedule with existing commitments
 - Identify long-lead time items and critical path shop drawing submittals
 - Provide details for the procurement and delivery of high service pumps, motors, large (24-inch and larger) diameter pipe and valves, MCC, PLC, other electrical components and other long-lead time equipment devices
 - Past project experience with unforeseen conditions (resolution and/or recovery plan)
 - Approach to mitigate and manage unforeseen conditions for this project

Evaluation Criteria

Project Approach, Schedule and Availability (20 Points)

- Availability of Key Personnel and Equipment
 - Prime and Key Subcontractors for this Project
 - Equipment and Facilities for this Project
 - Per Org Chart, available workforce for various disciplines, number of crews, etc.
- Safety Information for Prime Contractor and Key Subcontractor(s)
 - TRIR for Prime and Key Subcontractors within last 5 years
 - EMR for Prime and Key Subcontractors within last 3 years
 - All Fatalities for Prime and Key Subcontractors
 - Use Safety Information Matrix

Evaluation Criteria

Price / SMWVB (35 / 10 Points)

- Lowest total price will receive all 35 points, maximum score
 - Remaining proposals will receive points based on comparison to the lowest price proposal
- Complete Good Faith Effort Plan (reference Supplementary Instructions to Respondents)

Proposal Packet Preparation

- Review Project Scope, Instructions to Respondents and Supplementary Instructions to Respondents
- Utilize the Proposal Response Checklist to ensure all items are included
 - 3 files required for electronic submittal
 - Follow file naming convention
- Utilize Provided Evaluation Criteria Forms
 - Fillable form in Word is provided on SAWS website

Artesia Pump Station Improvements

SAWS Job No. 18-8603
Solicitation No. CO-00448

Evaluation Criteria Form

The intent of this document is to provide Respondents a structure for their responses. While there are page limits for this solicitation, there are no character limitations.

Respondents should provide answers to the questions below in the order and spaces provided to ensure continuity between Respondent's submissions.

When responding to the questions below, Respondents should use the space provided in this form, unless otherwise indicated.

If all fields are not completed, the proposal may be deemed non-responsive.

1. Team Qualifications and Experience (20 Points)

a. Organizational Structure and Information of the Prime Contractor

- i. Provide current business organizational structure, type of business structure, and stability of organization.
- ii. Provide total number of employees and annual company revenues as of December 31, 2020.
- iii. Provide Debarment history for the company for the last ten (10) years.
- iv. Provide any litigation, arbitration, and claims history for the last three (3) years and any litigation, arbitration, and claims history with SAWS regardless of the year they occurred.
- v. Indicate the number of years performing contracting/construction work under current legal business name and/or previous legal business name(s).
- vi. Provide a financial statement by an independent Certified Public Accountant.

b. Proposed Team Structure and Key Personnel Roles and Responsibilities

Prior to responding to this section, refer to the Supplementary Instructions to Respondents for definitions and other requirements.

- i. Provide a 1-page organizational chart that describes the composition of the team for this project. The chart shall include proposed Key Personnel for the Prime Contractor and Key Subcontractor(s). The chart shall also include percent availability (as

EV-1

Proposal Packet Preparation

- Respondent's Proposals submitted for this RFCSP should clearly demonstrate, completely and sufficiently that:
 - They have the Required Experience
 - Projects performed by Respondent are similar in scope, size and complexity
 - Project Team experience and capabilities (Org chart, projects participated on, and resumes for Key Personnel and Key Subcontractors) are similar in scope, size and complexity
 - Team members are identified for all essential work as identified by SAWS
- Thoroughly review evaluation criteria and respond with all required information to maximize points
 - Detailed, thorough responses are recommended
 - Avoid “boilerplate” responses

Proposal Packet Preparation

- Double check all mathematical calculations and verify all extensions
- Addendums are acknowledged on the Price Proposal
- Ensure Mobilization Line Item does not exceed the percentage allowed
- References and contact information must be valid
 - Confirm phone numbers and email addresses prior to submitting a proposal
 - Project references are the project owners, not consultants, or other contractors
- Ensure required documents are submitted and signed (i.e. Respondent Questionnaire, CIQ, etc.)

Key Dates

- July 9, 2021, at 1:00 PM
- July 20, 2021, by 12:00 PM
- July 23, 2021, by 4:00 PM
- July 29, 2021, by 1:30 PM
- July 30, 2021, by 1:30 PM
- August 2021
- August 2021
- October 5, 2021
- October 25, 2021

Non-Mandatory Pre-Proposal Meeting

Questions Due

Addendum Posted to SAWS Website

Last chance to request FTP Site

Proposals Due

Proposals Evaluated

Negotiations, if any

SAWS Board Approval and Award

NTP Issued

Communication Reminders

- There shall not be any communication with the following during the Proposal period:
 - ✓ Design Engineers (Black & Veatch and Arcadis)
 - ✓ SAWS Manager or Project Engineer
 - ✓ Any other SAWS staff
 - ✓ City Council member or staff
 - ✓ SAWS Board of Trustees
- This includes phone calls, emails, letters, or any direct or indirect discussion of the Proposal

Proposal Due Date

- Proposals are due no later than **1:30 PM CDT July 30, 2021**
- **Electronic Proposals Only**
- Follow specific electronic proposal delivery instructions:
 - Request the FTP Site for Upload no later than July 29, 2021, at 1:30 PM
 - Follow naming convention provided in the Respondent Proposal Checklist for all 3 files
 - Late responses will not be accepted and will be not be opened
 - A WebEx proposal opening meeting will be held July 30, 2021, at 1:30 PM

Artesia Pump Station Site Location



Address:

703 AT&T Center Parkway
San Antonio, TX 78209

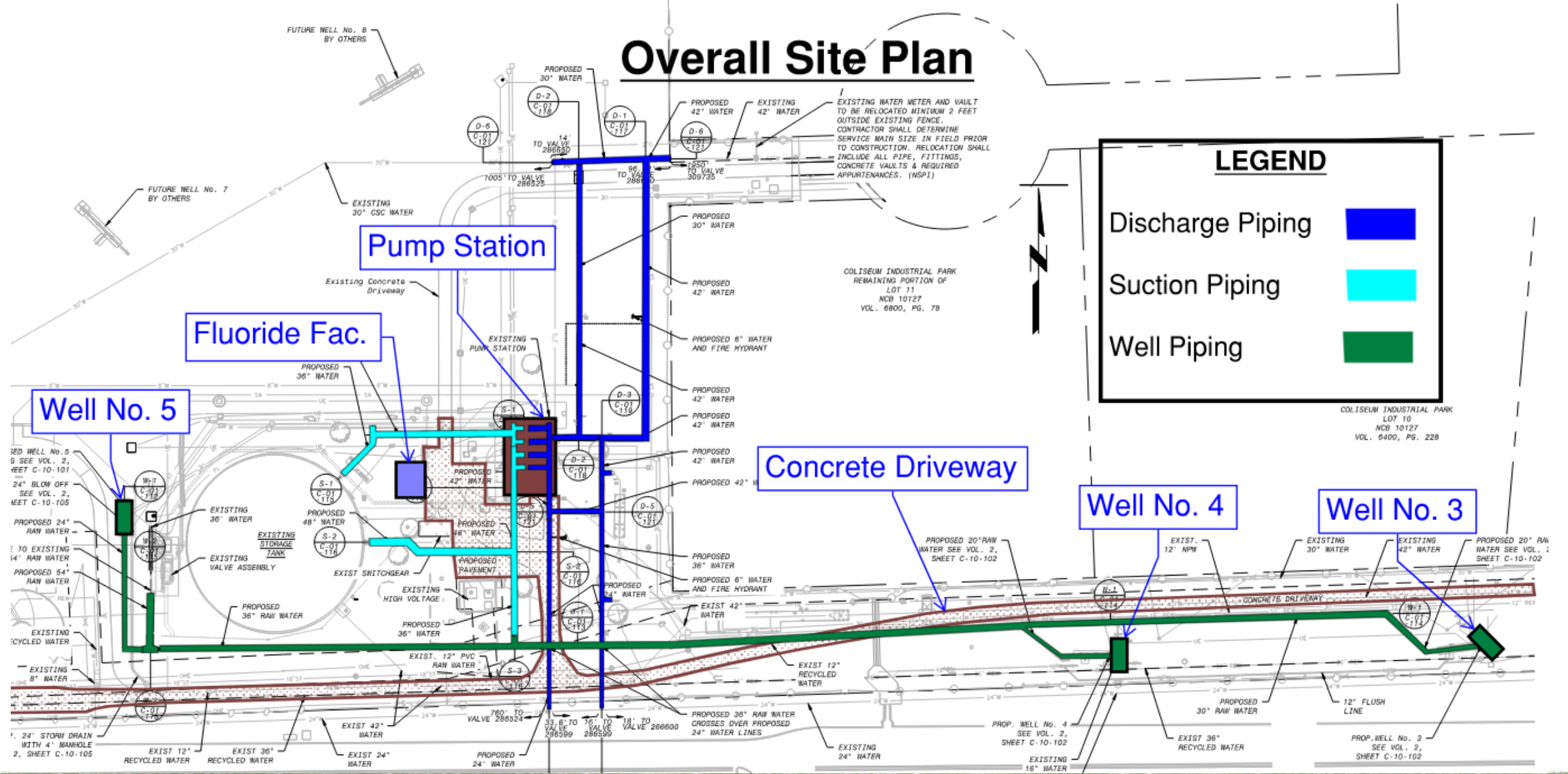
Project Features

- Demolition
- Pump Station Rehabilitation
- Wells No. 3, 4, and 5 Rehabilitation
- Fluoride Facility Rehabilitation
- Site Improvements

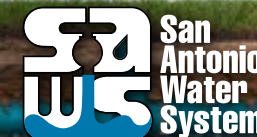


*Shared site with Artesia Wells 7 & 8 project (will advertise soon)

Overall Site Plan



Artesia Pump Station Improvements Project



Pump Station Improvements - Building

- Replace High Service Pumps and Motors
- Replace all suction and discharge piping, valves, and instruments
- Replace Medium Voltage MCC's and all electrical



Pump Station Improvements – Building Cont.

- Replace SCP and PLC Panel, upgrade controls and programming
- Replace HVAC and Plumbing systems
- Abatement of asbestos and lead paint



Pump Station Improvements – Building Cont.

- Install new below grade basement access vault and monorail hoist
- Repair brick and concrete walls
- Replace doors, windows, flooring, stairs, roof, restroom



Fluoride Facility Improvements

- Replace entire system including:
 - Tanks
 - Pumps
 - Building
 - Panels and instruments
 - Piping, cable, and conduit



Site Civil Improvements

- Replace suction and discharge yard piping and valves to tie-in locations
 - Pipe sizes vary from 24” to 48” diameter
 - Existing piping to be removed
- Replace perimeter security fencing, gates, entrance gate, and security access panels
- Install new impressed current cathodic protection system
- Replace existing asphalt pavement with concrete pavement
- Grading, tree mitigation, and landscaping

Construction Sequencing

- Pump Station can only be taken out of service between October 1, 2022 through April 1, 2023
 - Pre-shutdown: Wells 3 & 4 and associated piping, below grade vault, architectural and structural building improvements, fencing and security, HVAC and plumbing
 - Shutdown: demolition and abatement, suction and discharge piping, pump and motors, MVMCC's, PLC Panel, yard piping tie-ins connections and isolation valves, functional and performance testing
- Detailed construction sequencing plan to be developed per Specification 01015

Well Improvements Scope

- Demolition of Wells 3, 4, and 5 aboveground piping
- Well piping assembly including valves, air release valves, flush lines, etc.
- Electrical upgrades: new wiring, local control panels, heat trace, level probe panel, lighting, insulating flanges for cathodic protection
- New motors for well pumps 3, 4, and 5 (no pumps)
- Security cameras
- Instrumentation: flow meters and network panels
- Structural: canopy foundations and well piping pads, well pads for wells 3 & 4 (permitting requirements)

Well Improvements - Piping

- Replace well piping assembly including valves, ARVs, & flush lines

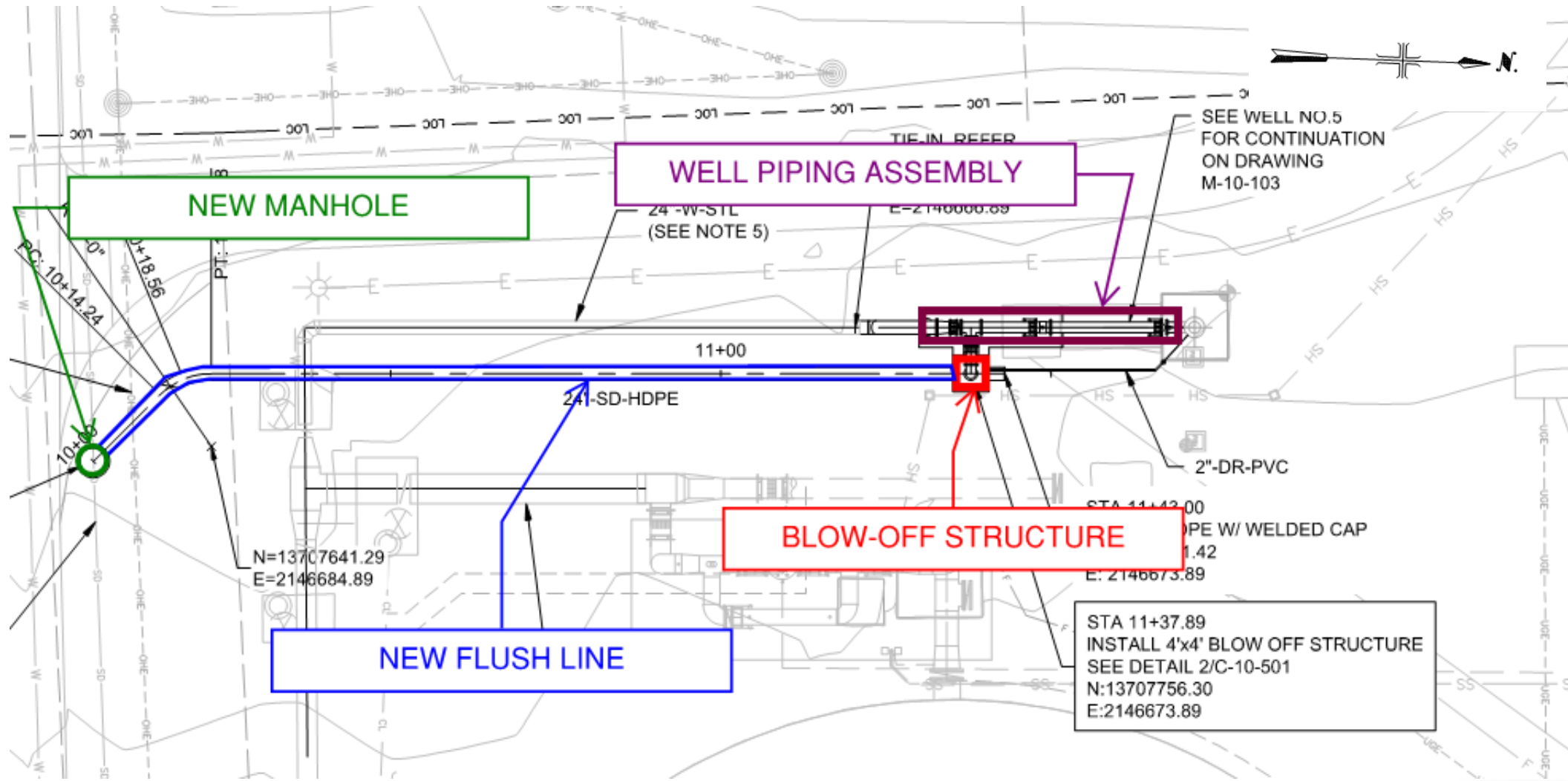


Well No. 5



Well No. 3

Well No. 5 Piping and Flush Line

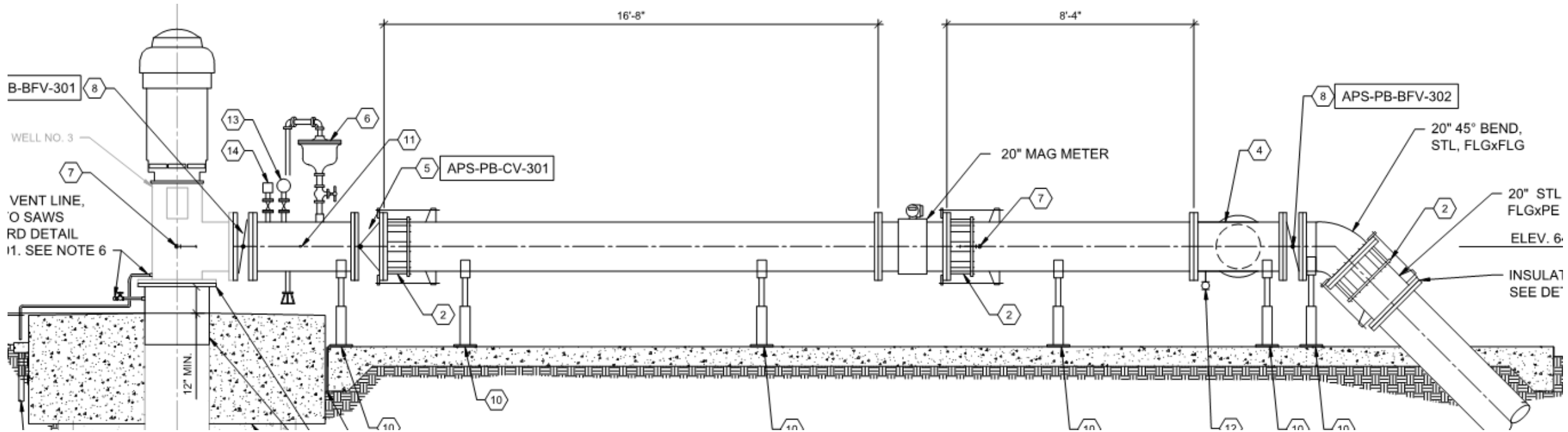


Well Nos. 3 and 4 Flush Line

- Flush line discharge
- Rehab concrete
- Clean debris from area and upstream channel



Well Aboveground Piping (TYP.)



- Note that Well Nos. 4 and 5 are different, shown for informational purposes

Electrical Work

- New conduit and wiring to Wells 3, 4, and 5
- New level probe panel in High Service Pump Room
- New electrical rack with disconnect switch, local control panel, flowmeter enclosure, lighting, and security camera
- New motors for Wells 3, 4, and 5
 - Order after coordinating with SAWS Project No. 21-8602
 - 250 HP
 - Shelve until new pumps installed

Contact Information

Contact Name	Title	Telephone Number	Email address
Roxanne Lockhart*	Contract Administrator	210-233-3095	Roxanne.Lockhart@saws.org
Diana L. Woltersdorf**	Manager - Contract Administration	210-233-3372	diana.woltersdorf@saws.org
Janie Powell	Contract Administrator	210-233-2443	janie.powell@saws.org
Marisol V. Robles	SMWVB Program Manager	210-233-3420	Marisol.Robles@saws.org

*Roxanne out of the office July 12-16

**Diana out of the office July 14-16

QUESTIONS?

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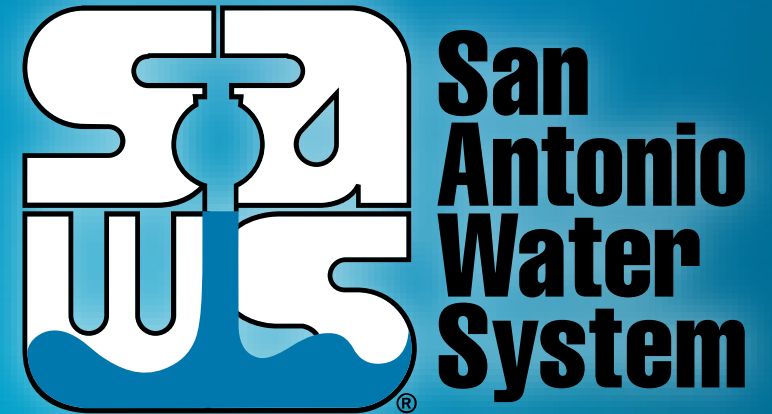
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