

Artesia Pump Station Wells No. 7 & 8 Drilling and Construction

Ismael Rosales, P.E.

Project Engineer

Roxanne Lockhart

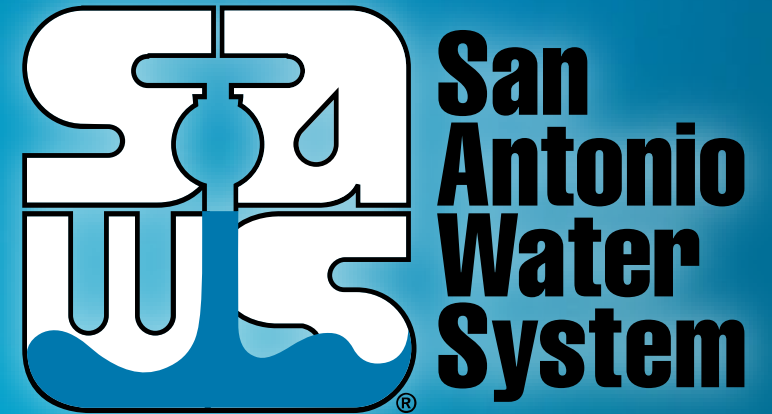
Contract Administrator

Marisol V. Robles

SMWVB Program Manager

Max Wallack, P.E.

Design Consultant



Non-Mandatory Pre-Proposal Meeting

July 6, 2022

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=4109&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
- SMWB 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 estimate budget is \$10,000,000.00.
- Construction services being procured through Request For Competitive Sealed Proposals (RFCSP) method under Texas Government Code 2269
- Construction duration is 540 calendar days

Aspirational SMWB Goal

Industry	Aspirational SMWB Goal
Construction	20%

The aspirational SMWB goal:
20% of total Price Proposal

Minimum Qualifications for SMWB recognition:

- **Certification from the South Central Texas Regional Certification Agency**
 - Businesses must be SBE-Certified (including MBEs and WBEs)
 - Texas Historically Underutilized Business “HUB” also recognized
- **Local office or local equipment yard**
 - Atascosa, Bandera, Bexar, Comal, Frio, Guadalupe, Kendall, Kerr, McMullen, Medina, Uvalde and Wilson

Good Faith Effort Plan (GFEP) FAQs

- **Q: Is the 20% SMWB 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 SMWB subcontractors?**

A: Outreach lists from the South Central Texas Regional Certification Agency are now Excel-exportable at www.sctrca.sctrca.org. If you are having trouble with the downloads, please email the SMWB Program Manager.

- **Q: What if my business is SMWVB-certified? Do I need to find SMWVB subs?**

A: If your firm is SMWB-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 SMWB goal?**

A: All subcontractors need to be included in the GFEP, even those that may not count towards the SMWB goal.

- **Q: What if I have questions about the GFEP?**

A: Please contact the SMWB 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.

SMWB Scoring

Proposed SAWS Construction Alternative Delivery Method SMWB Scoring:

All respondents may earn the maximum number of SMWB 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

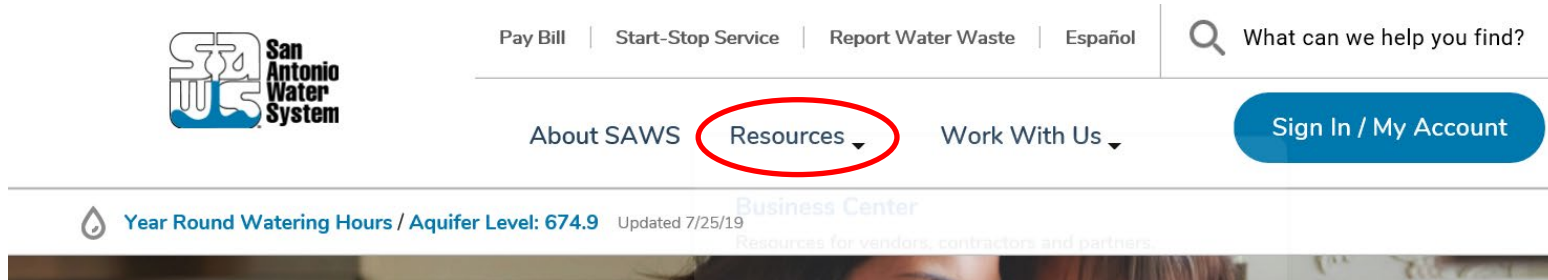
- 1. Subcontractor & Supplier Payment Tracking
- 2. Subcontractor and Supplier Additions or Substitutions
- 3. Must be Current and Accurate before Retainage is released

<https://saws.smwbe.com>

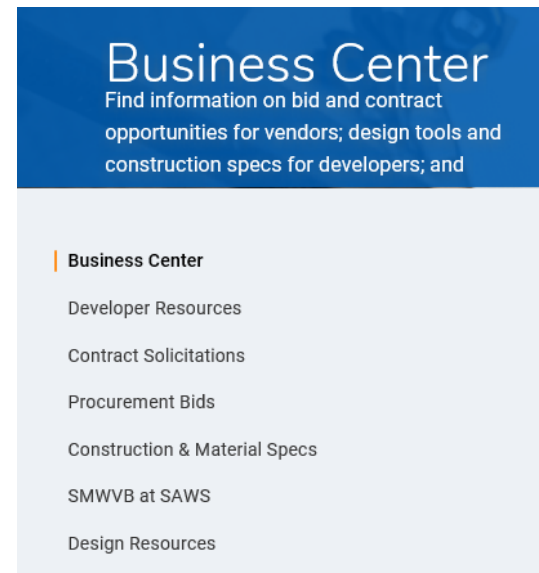


Contract Solicitations Website

- To locate the Contract Solicitations website choose Resources



- At the drop-down menu choose Contract Solicitations



Contract Solicitations Website

- 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



31
Non-Mandatory
Pre-Submittal Meeting
2:00 PM, Wednesday Jul. 6,
2022
WebEx

Notify Me
Receive updates sent straight to
your inbox.
[Subscribe](#)

Plan Holders List
View plan holders list.
[View List](#)

Downloads

[CO-00511 Evaluation Forms in Word](#)
Jun. 17, 2022

[CO-00511 Specifications](#)
Jun. 17, 2022
Note: You must be logged in to access this document.

[CO-00511 Plans](#)
Jun. 17, 2022
Note: You must be logged in to access this document.

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

Contract Requirements

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

- Certified payroll to be submitted on weekly basis for prime and subs and should be current and accurate before retainage can be released
- Wage decisions are included within the specifications
- Contractors and subcontractors 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 may delay contractor payments and/or release of retainage from SAWS

Contract Requirements

- Insurance requirements are found in Section 5.7 of the GCs
 - Installation Floater coverage required in lieu of Builder's Risk
- 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 for all SAWS contracts

Contract Requirements

- The Contractor shall perform the Work with its own organization on at least 30% of the total original contract price to be confirmed by the Bidder on page I of the Good Faith Effort Plan.
- Liquidated Damages are \$700.00 per day

Required Experience

- Respondents should have the following experience to submit a proposal:
 - Respondents should clearly demonstrate, completely and sufficiently, the drilling of new public supply water wells in the Edwards Aquifer formation (or similar) to a depth of 1,000 feet or greater, with a nominal diameter of 20 inches or greater in the open hole production zone, as primary business focus and service, and such services have been successfully provided for at least five (5) continuous years.

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 SAWWS
- 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	17%	SIR-3
Quality, Reputation, and Ability to Deliver Projects on Schedule and within Budget	15%	SIR-5
Project Approach, Schedule, and Availability	18%	SIR-7
Price Proposal	40%	SIR-9
Small, Minority, and Woman-owned Business Participation	10%	SIR-9
TOTAL	100%	

Evaluation Criteria

Team Qualifications and Experience

- Organizational Structure and Information on Prime Contractor
 - Number of employees, debarment & litigation history, years performing contracting/construction, financial statements, 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, 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
 - 1-page 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

- Prime Contractor On-Time Completion on Similar Projects in Past 15 years
 - One (1) or more completed projects within the last fifteen (15) years of similar size, scope, and complexity
 - Two (2) or more completed projects within the last fifteen (15) years where artesian flows were encountered
 - Key Personnel must have participated on 2 of the 3 projects, and
 - Project Superintendent 1 of 3 projects / Proposed QC Manager 1 of 3 / Proposed TX Licensed Well Driller 1 of 3
 - If SAWS experience, at minimum, one (1) SAWS project of similar size, scope, and complexity must be included in the list of three (3) projects provided

Evaluation Criteria

Quality, Reputation & Ability to Deliver Projects on Schedule and within Budget

- List of all current and recently completed new public water supply wells drilled in the Edwards Aquifer formation to a depth of 1,000 feet or greater, performed in the last five (5) years
- 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

- Key Subcontractor Performance on Similar Projects in Past 10 Years
 - Projects demonstrating Subcontractor(s) Performance on Similar Projects in the past ten (10) years
 - Two (2) Projects that identified Key Subcontractors' PM and Project Superintendent participated in
 - If Prime is self performing, Respondent shall provide two (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

- Project Approach

- To include key milestones, specific critical processes and paths, construction phasing/sequencing, permits and approvals, coordination with stakeholder and procurements anticipated to complete the project work.
- Description of approach specifically addressing the procurement of the following items: 30-inch and 24-inch steel casing, drilling fluids, and cement for the construction of the wells
- Innovative ideas for cost savings
- Quality Management Plan (steps, safeguards, QC processes, document control, etc.)

Evaluation Criteria

Project Approach, Schedule and Availability

- 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 September 19, 2022
 - Explain how Respondent will complete project on schedule with existing commitments identified in 2.a.iv.
 - Identify long-lead time items and critical path shop drawing submittals
 - Provide details for the procurement and delivery of steel casing, concrete, drilling fluids, 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

- 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

- Lowest total price will receive all 40 points, maximum score
 - Remaining proposals will receive points based on comparison to the lowest price proposal

SMWB

- 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 Wells 7 & 8 Drilling and Construction

SAWS Job No. 21-8602
Solicitation No. CO-00511

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 (17 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, 2021.
- 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
 - Subtotal calculated for line items 1-24 only
- 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 6, 2022, at 2:00 PM
- July 6, 2022, at 4:00 PM
- July 8, 2022, by 2:00 PM
- July 15, 2022, by 2:00 PM
- July 21, 2022, by 2:00 PM
- July 22, 2022, by 2:00 PM
- July/August 2022
- August 2022
- September 13, 2022
- September 19, 2022

Note: Dates are subject to change

Non-Mandatory Pre-Proposal Meeting

Non-Mandatory Site Visit

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 Engineer (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 **2:00 PM CDT July 22, 2022**
- **Electronic Proposals Only**
- Follow specific electronic proposal delivery instructions:
 - Request the FTP Site for Upload no later than July 21, 2022, at 2:00 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 22, 2022, at 2:00 PM

Artesia Pump Station Site Location



Address:

703 AT&T Center Parkway
San Antonio, TX 78209

Artesia Pump Station Wells No. 7 & 8 Drilling and Construction



Artesia Pump Station Improvements Project

- The Artesia Pump Station Improvements Project is under construction, SAWS Job No. 18-8603, Contractor shall coordinate with SAWS and Pump Station Improvements Project contractor to ensure scheduling and work conflicts are avoided.
- Pump Station Improvements Project Scope includes the following:
 - Pump Station Rehabilitation
 - Pump Building Improvements
 - Pipe line Replacement
 - Fluoride Facility Rehabilitation
 - Site Improvements

Project Scope

- Drill Wells No. 7 and 8
 - 42” OD conductor casing to ~125 LF
 - 30” OD pump chamber casing ~200 LF
 - 24” OD production casing ~730 LF
 - 22” OD uncased open hole in Edwards Aquifer ~400 LF
 - Cement casings with Class A cement with sulfate resistance
 - Submit drilling fluids plan
 - SWPP
 - Maintain the Work area in a clean, safe, and workmanlike manner

Project Scope

- Wellhead per SAWS standard
 - Breather vent piping and breather vent
 - Temporarily cap with reducer, gate valve, and blind flange
- Stepped-discharge and constant-discharge pumping tests
 - Discharge at concrete structure (southeast) with BMPs
- Water quality sampling
- Well disinfection
- Restore site

Supplemental Bid Items

- Bid Item 33, S-5 Drilling Rig For Unforeseen Conditions
- Bid Item 34, S-6 Drilling Fluids for Unforeseen Conditions
- Bid Item 35, S-7 100-Sack Cement Plug
- Bid Item 36, S-8 Cement
- Bid Item 37, S-9 Haul Off/Disposal of Drilling Fluids or Cement

Special Conditions

- Site Security
 - During working hours
- Water Production Facility Operation
 - Pump Station and ground water wells will be operational
- Tree Permit
 - Subject to City of San Antonio Requirements
- Construction Phasing / Sequencing and Work Restrictions
- Construction of the Artesia Pump Station Improvements
- Noise ordinance
 - Limits hours of construction and noise level – request permission from City

Wellfield



Well Pad Sites, Staging Area and Access



REMINDER

Evaluation Criteria

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 - Project Superintendent 1 of 3 projects / Proposed QC Manager 1 of 3 / Proposed TX Licensed Well Driller 1 of 3

Contact Information

Contact Name	Title	Telephone Number	Email address
Roxanne Lockhart	Contract Administrator	210-233-3095	Roxanne.Lockhart@saws.org
Marisol V. Robles	SMWVB Program Manager	210-233-3420	Marisol.Robles@saws.org

QUESTIONS?

Reminder: 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.

Site Visit Instructions

- Arrive to the Artesia PS located at 703 AT&T Center Parkway, San Antonio, Texas 78219 1 hour prior to site visit time.
- All parties must adhere to SAWS COVID-19 Safety Procedures.
- The site visit duration is expected to be no more than 1 hour combined, excluding the drive time.
- There are to be no Q&A during the site visit, but contractors/firms may take video, photos, and notes.
- Questions shall be submitted to Roxanne Lockhart, Contract Administrator in writing via email to Roxanne.Lockhart@saws.org

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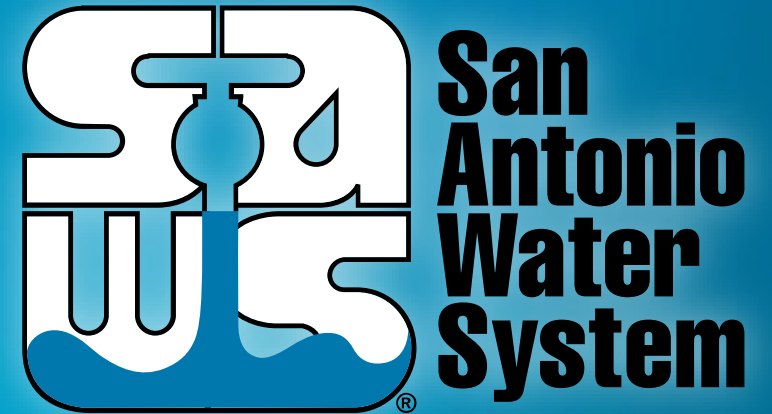
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