

# Steven M. Clouse WRC Primary and Secondary Treatment Expansion RFQ Pre-Submittal Conference

Ila E. Drzymala, Ph.D., P.E.

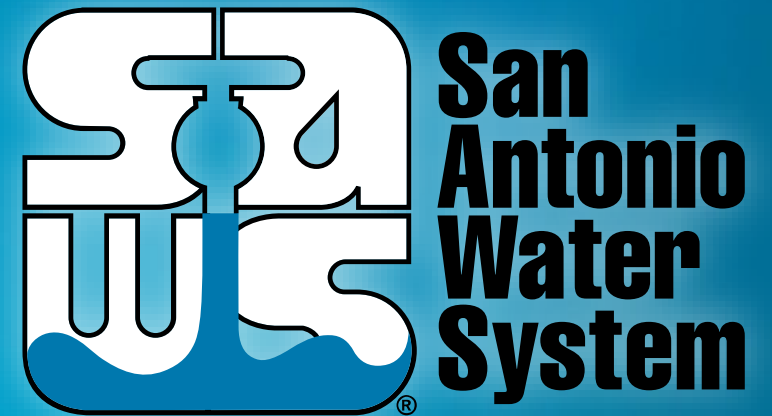
Sr. Engineer

Marisol V. Robles

Manager – SMWVB Program

Stella Manzello

Contract Administrator



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# WebEx Housekeeping

- Stay muted during the entire presentation.
- Sign-in using the chat ensuring to select everyone from the drop-down menu.
- Ask questions at any time during the presentation utilizing the chat. Questions will be addressed at the end of the presentation. Ensure to direct your questions to the entire group by selecting everyone from the drop down. All formal responses to questions will be provided via an Addendum.
- Audio only attendees may follow along on the presentation that has been posted to the SAWS solicitation website.

# Oral Statements

Oral statements or discussions during this Pre-submittal Conference will not be binding, nor will they change or affect the RFQ or the terms and conditions of the contract. Changes, if any, will be addressed in writing only via an Addendum.

- This presentation only paraphrases the RFQ and is for informational purposes only
- Prospective Proposers should reference the RFQ for full details



# Agenda

- SBE Requirements
- Communication Reminders
- RFQ Schedule
- Respondent Questions
- Addenda
- Submitting a Response
- Submittal Deadline
- Project Overview
- Project Scope
- Design Services
- Project Schedule and Cost
- Design Considerations
- Questions

# Aspirational SMWB Goal

Aspirational SBE Goal	Description
25%	Points assessed on tiered scale

\*25% of the value of the contract

# SBE Requirements

- Certification accepted from the following entities:
  - South Central Texas Regional Certification Agency
  - Texas H.U.B.
- RFQ Scoring:
  - Local Office
  - Small Business Enterprise (SBE) certification required

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

[WWW.SAWS.SMWBE.COM](http://WWW.SAWS.SMWBE.COM)



San Antonio Water System

OUR MAIN SITE CONTACT SUPPORT

## Subcontractor Payment & Utilization Reporting System

Log In

**System Training**  
Learn how to fully utilize our system with a live trainer  
Training

**About the System**  
Learn more about this system and how it works today  
Information for Vendors

**Account Access**  
Lookup Vendor accounts or reset user passwords  
Account Lookup  
Forgot Password

The Subcontractor Payment & Utilization Reporting System is powered by B2Gnow Software © Copyright 2018.

- Used to track actual payments to all subconsultants
- Used to request changes to team



# SMWVB Questions

Questions related to the SMWVB Program, the Good Faith Effort Plan (GFEP), or finding certified subconsultants may be directed to the SMWVB Program Manager until the RFQ is due.

**Marisol V. Robles**

SMWVB Program Manager

Email: [Marisol.Robles@saws.org](mailto:Marisol.Robles@saws.org)

Telephone: 210-233-3420



# Communication Reminders

- No communication regarding the RFQ with the following:
  - SAWS Project Manager
  - Any other SAWS staff, managers, directors or VPs
  - City Council member or staff
  - SAWS Board of Trustees
- No phone calls, emails, letters, direct/indirect discussion of the RFQ
  - If submitting for the RFQ and/or doing work for SAWS, indicate this when speaking with SAWS staff, but refrain from discussing the RFQ
- From release of the RFQ to Board Award

# Site Visit

- A Site Visit is scheduled for August 11, 2022 at 9:00am or 11:00am
- Interested firms/contractors must RSVP to Stella Manzello via email at [Stella.Manzello@saws.org](mailto:Stella.Manzello@saws.org) no later than August 10, 2022 by 2:00 p.m. Provide following info:
  - Company name
  - Name(s) of attendees (limit of two members)
  - Request time at 9:00 a.m. or 11:00 a.m. on August 11, 2022
- All parties must adhere to SAWS' COVID-19 Safety Procedures (see RFQ for more information)
- There are to be no Q&A during the site visit, but contractors/firms may take videos, photos, and notes
- Questions shall be submitted to Stella Manzello in writing via email to at [Stella.Manzello@saws.org](mailto:Stella.Manzello@saws.org)
- Questions will be addressed, as required, through addendum

# RFQ Schedule



(The dates listed above are subject to change without notice)

# Respondent Questions

Must be submitted in writing via e-mail (preferred) or fax no later than August 18, 2022 by 4:00 pm to:

**Stella Manzello**

Contract Administration Department

San Antonio Water System

[Stella.Manzello@saws.org](mailto:Stella.Manzello@saws.org)



# Addenda

- Register as a vendor with SAWS Vendor Registration and Notification
- More than one addendum may be posted on the SAWS website
- Check SAWS website often and prior to submitting your proposal
- Known addendum changes are:
  - Addendum 1 - SMVWB Goal changed from 40% to 25%
  - Addendum 2 - Submission deadline from 9/7/22 to 9/12/22
  - Addendum 3 - Responses to Questions

# Submitting a Response

## Helpful Reminders

- Thoroughly read the RFQ document
- Maximize points by addressing all items in the order they are identified in the RFQ
- Use fillable forms as response format as directed
- Be specific - Avoid “boiler plate” responses
- Page limit - Twenty-Seven (27) including fillable evaluation criteria forms and 11”x17” exhibit
- Other forms, cover page/letter, divider pages do not count towards page limit

# Submitting a Response

## Helpful Reminders

- Contact the SMWVB Program Manager for assistance, if necessary
- Perform a thorough QA/QC on your proposal prior to submitting
- Utilize the Submittal Response Checklist

# Submittal Deadline

- Submittal deadline is **September 12, 2022 at 11:00 am (CDT)**
- “SMCWRC Primary and Secondary Treatment Expansion Project RFQ Response” and name of Respondent should be clearly identified on the subject line of the email and/or fax
- Submit electronic copy
  - [contracting@saws.org](mailto:contracting@saws.org)
  - Email size limit of 10MB
  - One (1) pdf searchable file with bookmarks
  - SAWS recommends submitting your proposal at least two (2) hours prior to the deadline
- Late responses will not be accepted, and will be unopened



# Selection Process

- Technical Evaluation Committee (TEC) will score the proposals based on the evaluation criteria published in the RFQ
- Selection Evaluation Committee reviews final scores and recommends firm(s)
- Interviews, if necessary
- Contract negotiations
- Board award

# Scoring Criteria

– Team Experience and Qualifications	30 pts
– Similar Projects and Past Performance	30 pts
– Project Understanding and Approach	25 pts
– Small, Minority and Woman, and Veteran-Owned Business (SMWVVB) Participation	15 pts
<b>Total:</b>	<b>100 pts</b>

# Scoring Criteria

## Team Experience and Qualifications

- Org Chart: Identify all personnel that will participate in the project (Respondent and Subconsultants); Clearly identify proposed Key Personnel (max 6) from Respondent and Subconsultants
  - Resumes: No more than one (1) page for each of the Key Personnel
  - Composition of team, roles and responsibilities
  - Availability, percent of time committed and geographic location of Key Personnel
- \* See solicitation for additional details

# Scoring Criteria

## Similar Projects and Past Performance

- Ensure all project scopes are similar in scope to project described in this RFQ
- Provide three (3) relevant projects constructed in the last fifteen (15) years
  - Pay attention to Key Personnel requirements
  - Ensure to provide all requested information in the RFQ
- Ensure all project references provided include all requested and validated information
- Cost information for the three (3) projects

\* See solicitation for additional details



# Scoring Criteria

## Project Understanding and Approach

- Provide a detailed approach explaining how Respondent would technically execute and complete the services sought in this RFQ on time and within budget
- Provide responses to all of the requested information
- Project specific and unique QA/QC and risk management strategies that Respondent utilizes for similar projects

\* See solicitation for additional details

# Project Overview

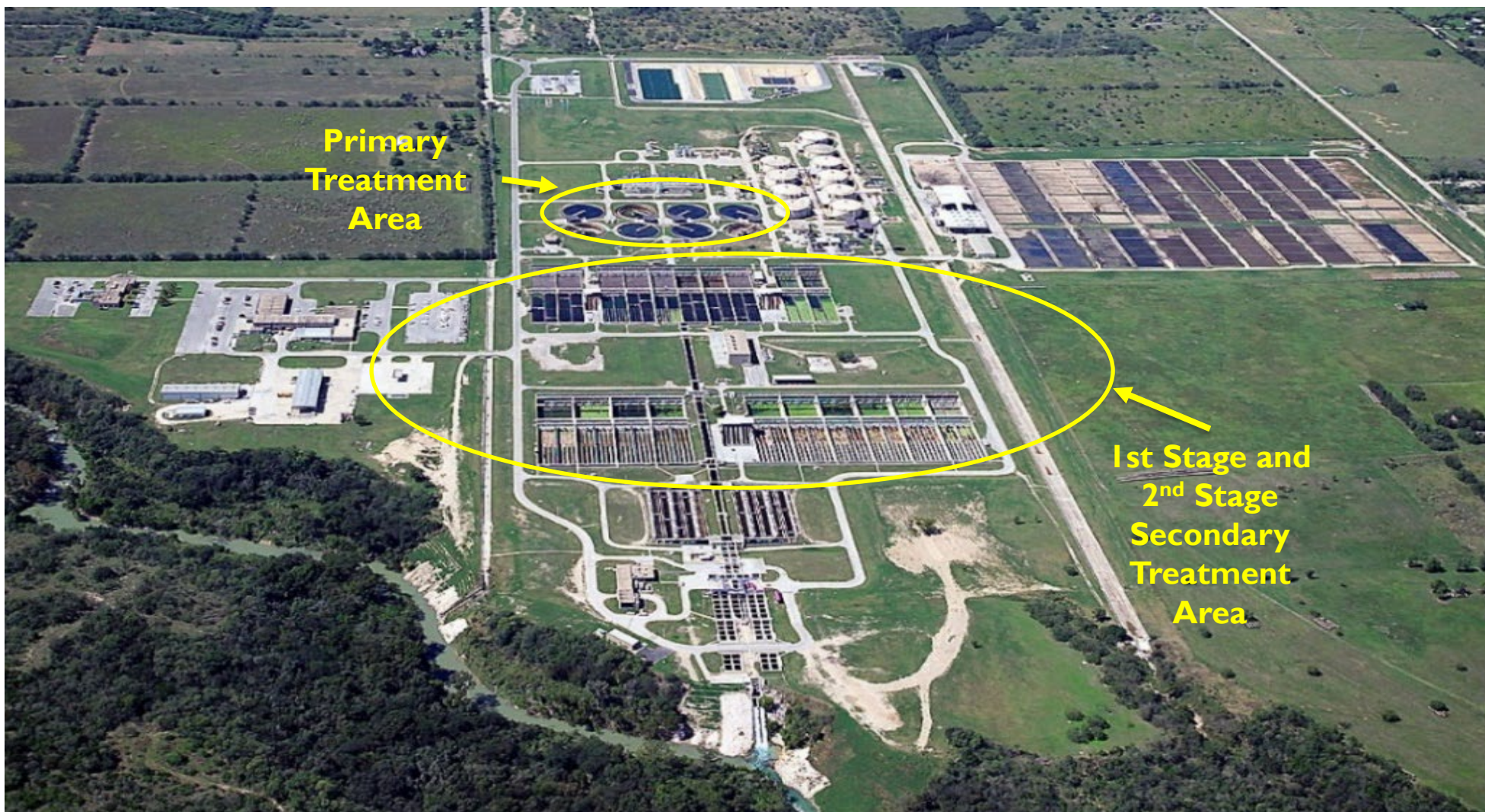
- Project is included in 2020 SAWS Wastewater Facilities Master Plan for Water Recycling Centers
  - Master Plan determined that 2050 flows for Steven M. Clouse WRC are projected to be 128 mgd on an average basis and 396 mgd on a peak 2-hr basis
  - Treatment process, capacity expansion and hydraulic improvements will be needed to meet future flows, loads and anticipated regulatory requirements

# Project Overview

- This project will mainly focus on primary and secondary treatment process areas
  - Expand the capacity and improve hydraulics at primary clarifiers, Stage 1 and Stage 2 aeration basins and settling tanks to meet 2050 flows and loads requirements
  - Replace the existing blowers

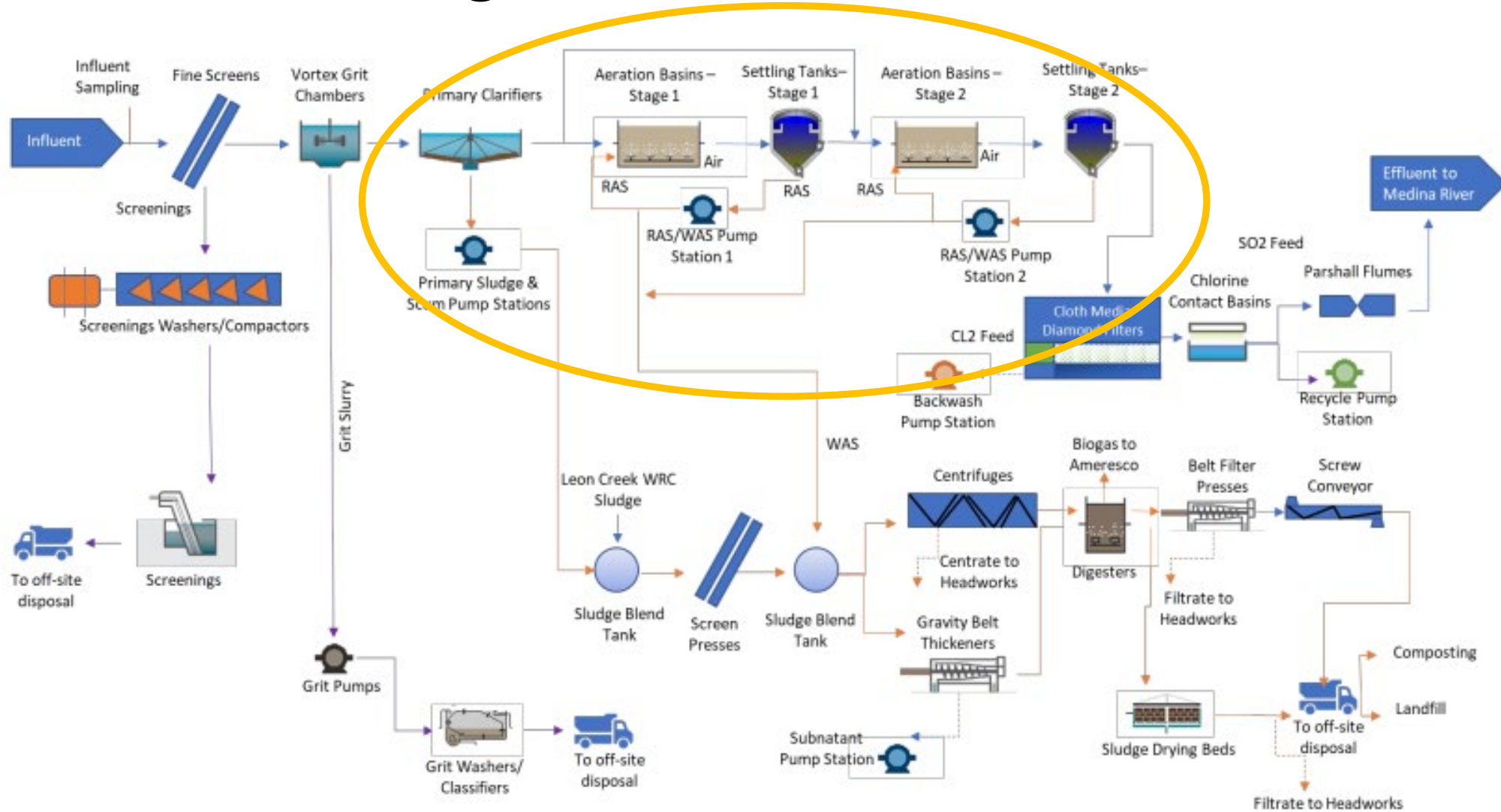


# Project Location – Steven M. Clouse WRC





# Process Flow Diagram



# Project Scope

- Taking into consideration the existing primary clarifiers, construct additional primary clarifiers and a new flow splitter box for an even flow split
- Demolish existing primary clarifier flow splitter boxes and construct larger flow splitter boxes to accommodate the projected flows
- Enlarge the discharge ports of the existing Parshall Flumes and the piping from the headworks to the primary clarifiers to accommodate projected flows



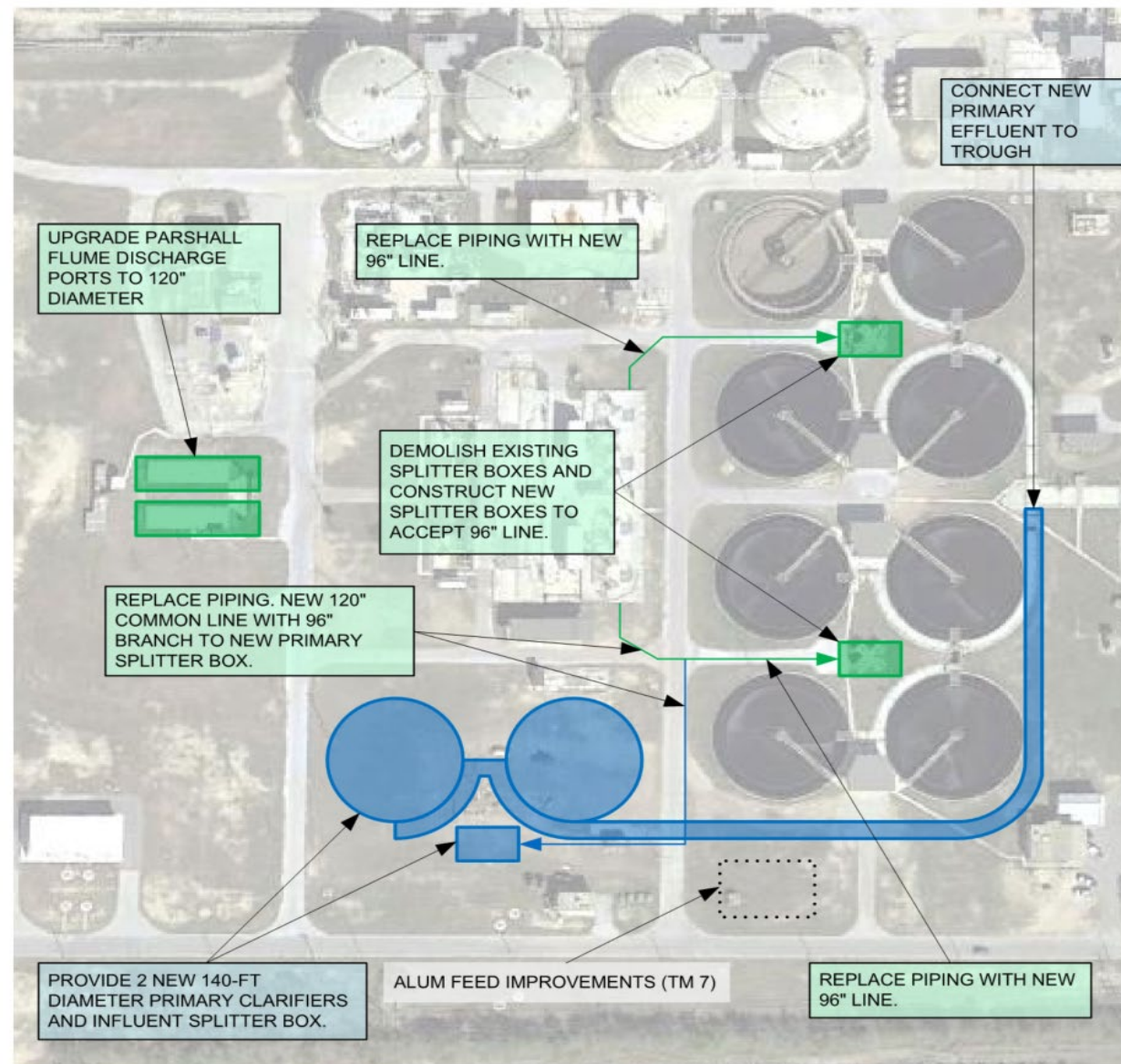
# Existing Primary Treatment



**Primary Clarifier**

# Proposed Facilities

Preliminary expansion concept included in the Master Plan





# Project Scope

- Construct new Stage 1 and Stage 2 aeration basins, settling tanks, and associated air diffusers/piping and sludge collection systems to work in conjunction with existing secondary facilities
- Add waste activated sludge pumps to the existing pump station(s)
- Important to Note: Design will not include nutrient removal technologies but will need to be able to accommodate the changes that will have to be made as part of future projects



# Existing Secondary Treatment Facilities



**Aeration Basin (Empty)**

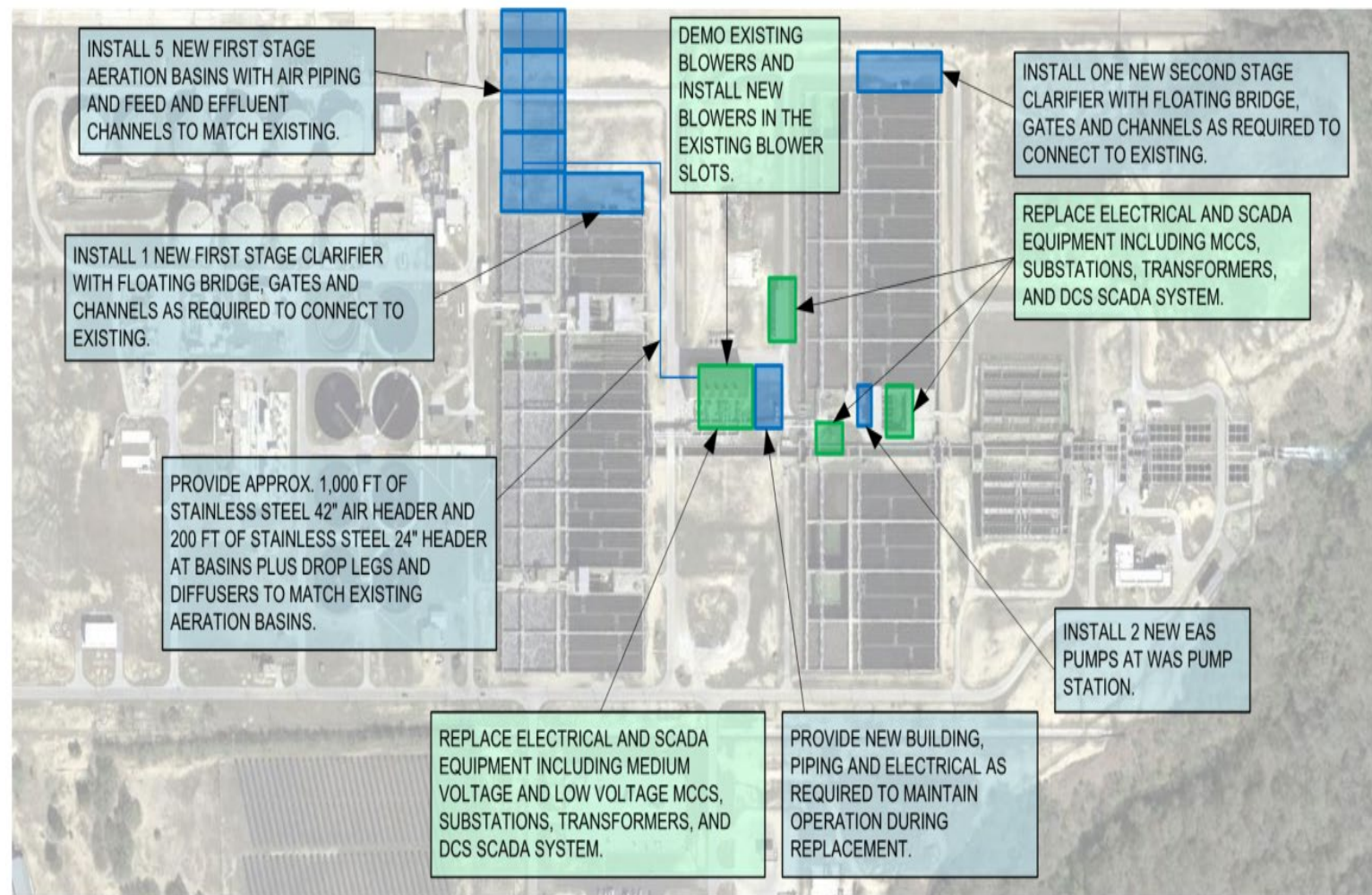


**Rectangular Settling Tank**



# Proposed Facilities

Preliminary expansion concept included in the Master Plan



# Project Scope

- Evaluate viable blower technologies and provide recommendations to replace the existing five (5) positive displacement blowers in the existing blower building (as possible)
  - Meet the current and future air demands for an effective aeration process and improved energy efficiency



# Project Scope

- Evaluate the operation of the spike line flows diverted from the primary clarifiers to the Stage 2 aeration basins
  - Consider future total phosphorous removal and chemical feed requirements

# Project Scope

- Replace blowers and upgrade aeration system (improvements to blower building)
- Upgrade the electrical and SCADA systems
- Provide adequate levels of system automation, controls, and instrumentation to optimize operation and performance
- Include all associated site civil, mechanical, structural, electrical, and I&C work for these expansion and upgrades

# Design Services

- Selected Consultant will provide the following design services
  - 30% Design
  - 60% Design
  - 90% Design
  - 100% Design / Bid Phase Services
  - Construction Phase Services
- Other services: Permitting, field investigations, constructability review, cost estimating, scheduling, start-up/commissioning and overall project management and coordination

# Project Schedule and Cost

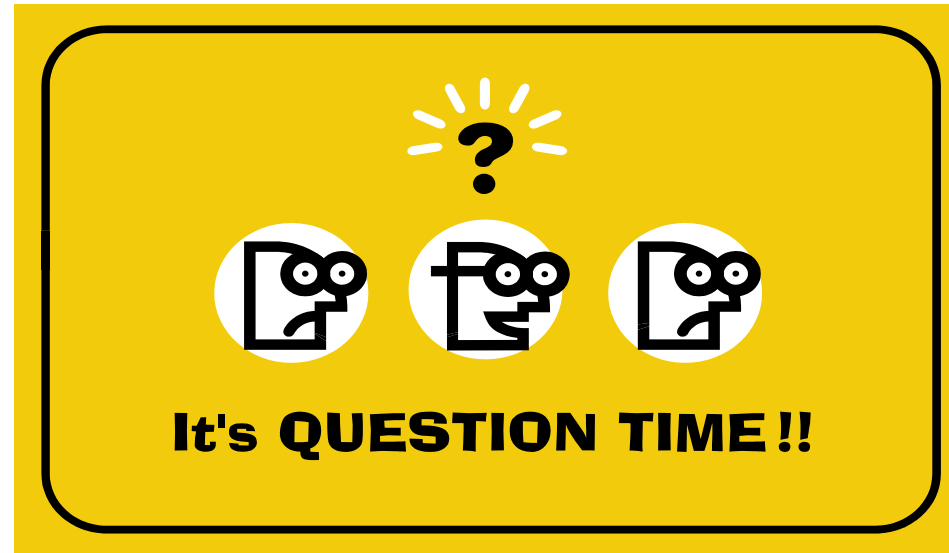
<b>Event</b>	<b>Date</b>
Design NTP	November/December 2022
Board Award Construction Contract	November 2024
Project Complete	August 2027

<b>Project Cost Center</b>	<b>Cost Forecast</b>
Construction	\$99,400,000



# Design Considerations

- RFQ includes a table that shows component evaluation summary of process areas included in this project and their core risk criticality classification
  - Classification is based on field evaluations performed in 2020
- Design will consider the need to address the items included in this table and other items as determined during design



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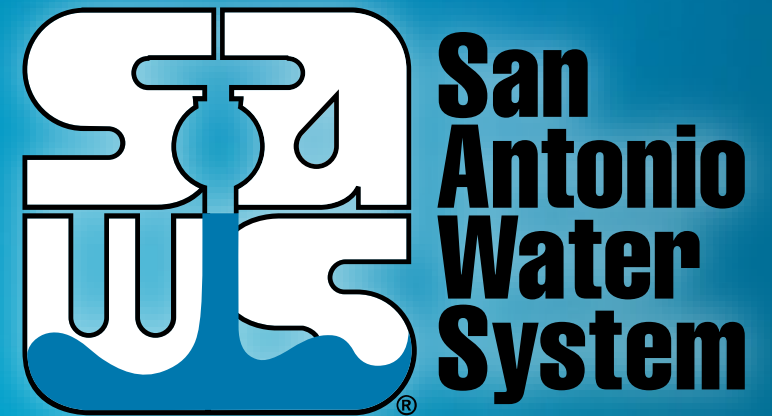
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