



Angleton Wastewater Treatment Plant Project Update

May 13th, 2025 - City Council Meeting

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Development Process and Project Communication

Weekly Internal Team Meetings – Coordination and tracking of project tasks, responsibilities, and due dates. Remote via Teams.

Bi-Weekly Client Team Meetings – Any changes since last meeting, review project progress and action items, discuss any new issues or needs. Remote via Teams.

Monthly Project Status Reports – Status of project financials, scope of work development, communication and project timeline. Submitted via email to City Staff.

IGA Kickoff and Deliverable Client Meetings – Plan, review, and solicit feedback on technical deliverables, project financials, and project schedule. In person at Angleton City Hall.



Project Progress to Date

February 2024 – Phase 1 of Investment Grade Audit (IGA) – Preliminary Assessment COMPLETED

April 2024 – Unanimous Council Approval Expedited Design/Build Agreement, including IGA Phase 2 (Midterm) and Phase 3 (Final)

August 2024 – Unanimous Council Approval of Development Funding (\$500,000) for IGA Phases 2 and 3

October 2024 – Funding Workshop with City Staff

December 2024 – Progress Update to City Council

February 2024 – Unanimous Council Approval of Sewer Rate Increase

April 2025 – Presentation of IGA Phase 2 Deliverables to City Staff

May 2025 – Progress Update to City Council



March 2024 – TCEQ Notice of Enforcement Issued for Alleged Violations in March, April, June, and September 2023

May 2024 – EPA Administrative Order Issued for Alleged Violations in March, April, June, and September 2023

October 2024 – TCEQ Site Investigation Report Issued with Alleged Violations in April, August, and October 2024

IGA Phase 2 Deliverables

Technical Documents Submitted for City Review:

- ECM Basis and Descriptions
 - Project Summary
 - Existing Operation, Project Background, Facility Conditions, and Assumptions
 - Proposed Improvements, Key Operating & Savings Strategies
 - Treatment Process and System Design Criteria
 - Permits and Code Compliance
 - Utility Rebates and Incentives
- 50% Drawings – See List
- Specifications
 - Blower & Controls
 - Diffusers
 - Pump System
- Project Schedule, Work Breakdown Structure, and Phasing Plan
- Equipment List, Tie Points List, and Cable Schedule

DRAWING LIST

G-01	Cover
G-03	Legend - General
G-04	Plot Plan
G-08	Process Flow Diagram - Liquids & Solids - Existing
G-09	Hydraulic Profile - Existing
G-10	Process Flow Diagram - Plant Air
G-30	Flow Diagram - Plant Water
C-30	Civil Plant Water Plan and Yard Piping
E-01	Electrical Legend, Abbreviations, General Notes
E-03	Electrical Site Plan
E-05	One-Line Diagram MCC-A
E-06	One-Line Diagram MCC-B
ED-05	Demo One Line Diagram MCC-A
ED-06	Demo One Line Diagram MCC-B
ED-07	Demo MCC-A
ED-08	Demo MCC-B
M-10	Plan and Piping - Blower and Instr
M-11	Elevation and Sections - Blower and Instr
M-12	Elevation and Sections - Blower Instruments
M-20	Plan and Piping - Aeration Basins
M-21	Elevation and Sections - Aeration Basins
M-30	Plant Water Reclaim Pumps Plan Sections Details
M-31	Plant Water Reclaim Piping Plan Sections Details
I-01	Legend - Process Instrumentation
I-02	Legend - Process Instrumentation
I-05	Network Diagram - SCADA Architecture
I-10	Piping & Instrumentation - Plant Air
I-30	Piping & Instrumentation - Plant Water - Potable
I-31	Piping & Instrumentation - Plant Water - Reclaim

Upcoming Project Milestones

July 2025 – Presentation of Early Procurement Amendment to Design/Build Agreement (Contingent Upon Securing Certificate of Obligation for Funding)

July - August 2025 – Review and Approval of Early Procurement Amendment to Design/Build Agreement

August 2025 – Council Approval of Early Procurement Amendment to Design Build Agreement

September 2025 – Long Lead Equipment Submittal Review and Approval

October 2025 – Long Lead Equipment Released for Production



May 2025 – Begin IGA Phase 3 Development, to include Proposal for Construction Amendment to Design/Build Agreement

October 2025 – Presentation of IGA Phase 3 Deliverables, including Proposal for Construction Amendment to Design/Build Agreement

October - November 2025 – Review and Approval of Construction Amendment to Design/Build Agreement

November 2025 – Council Approval of Construction Amendment to Design/Build Agreement

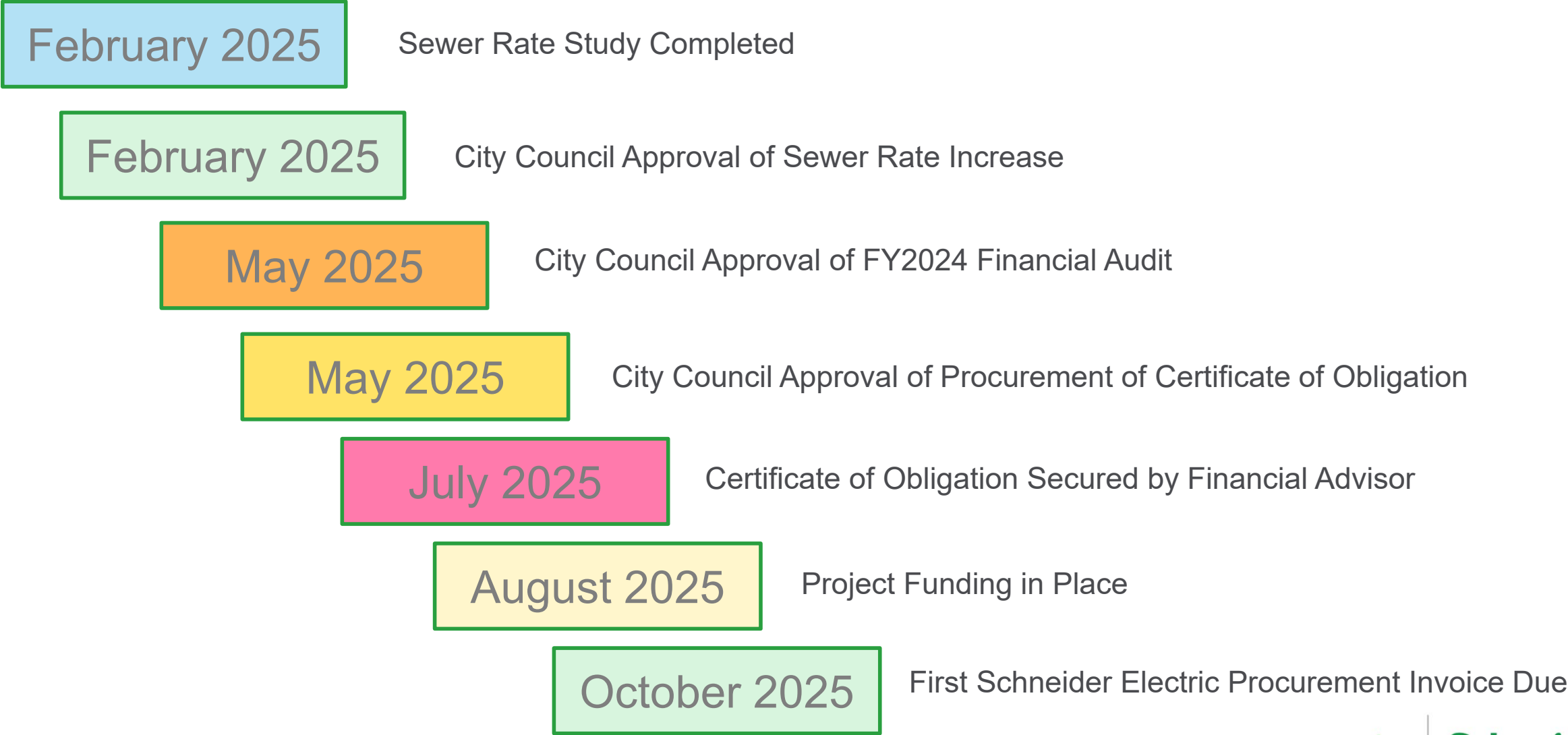
December 2026 – Mobilize for Construction

Project Schedule and Funding Plan

	Task Name	Duration	Start	Finish
1	City of Angleton WWTP - Preliminary Phasing and Funding Plan	565 days	Mon 7/1/24	Fri 8/28/26
2	Invoice - IGA Phase 1 - \$125k	0 days	Mon 7/1/24	Mon 7/1/24
3	City Council Approves SE D/B Agreement	0 days	Tue 8/27/24	Tue 8/27/24
4	Execute Contract, Subcontracts and Subconsultant Agreements	4 days	Tue 8/27/24	Fri 8/30/24
5	Design Phase	312 days	Mon 9/2/24	Tue 11/11/25
6	IGA Phase 2	185 days	Mon 9/2/24	Fri 5/16/25
7	Complete 30-50% Design for Procurement Amendment Price Proposal & Target Construction Price (+/- 25%)	170 days	Mon 9/2/24	Fri 4/25/25
8	Invoice - Design - IGA Phase 2 50% - \$150k	0 days	Fri 11/22/24	Fri 11/22/24
9	Client Review and Approval	15 days	Mon 4/28/25	Fri 5/16/25
10	Invoice - Design - IGA Phase 2 100% - \$150k	0 days	Fri 4/25/25	Fri 4/25/25
11	IGA Phase 3	127 days	Mon 5/19/25	Tue 11/11/25
12	Complete 100% Design for Construction Amendment Price Proposal	110 days	Mon 5/19/25	Fri 10/17/25
13	Invoice - Design - IGA Phase 3 50% - \$100k	0 days	Fri 7/18/25	Fri 7/18/25
14	Client Review and Approval	17 days	Mon 10/20/25	Tue 11/11/25
15	Invoice - Design - IGA Phase 3 100% - \$100k	0 days	Fri 10/17/25	Fri 10/17/25
16	Procurement Phase	294 days	Tue 2/25/25	Fri 4/10/26
17	Rate Study Approved by Council	0 days	Tue 2/25/25	Tue 2/25/25
18	2024 Audit Completed and Approved by Council	0 days	Tue 5/13/25	Tue 5/13/25
19	Certificate of Obligation Solicitation Approved by Council	0 days	Tue 5/13/25	Tue 5/13/25
20	CO Solicitation	41 days	Tue 5/13/25	Tue 7/8/25
21	Certificate of Obligation Award Approved by Council	0 days	Tue 7/8/25	Tue 7/8/25
22	Funding in Place	25 days	Wed 7/9/25	Tue 8/12/25
23	Procurement Amendment Approved by City Council	0 days	Tue 8/12/25	Tue 8/12/25
24	Execute Vendor POs	5 days	Mon 8/11/25	Fri 8/15/25
25	Submittal Generation	20 days	Mon 8/18/25	Fri 9/12/25
26	Submittal Review and Approval	20 days	Mon 9/15/25	Fri 10/10/25
27	Invoice - Procurement - Approved Submittals & Release for Production - 50% or \$1,500,000	0 days	Fri 10/10/25	Fri 10/10/25

	Task Name	Duration	Start	Finish
28	Major Equipment Lead Time	130 days	Mon 10/13/25	Fri 4/10/26
29	ECM-1 Blower & Controls	130 days	Mon 10/13/25	Fri 4/10/26
30	ECM-2 Diffusers	100 days	Mon 10/13/25	Fri 2/27/26
31	ECM-3 Water Reuse	40 days	Mon 10/13/25	Fri 12/5/25
32	Invoice - Procurment - Equipment Delivery - 40% or \$1,200,000	0 days	Fri 2/27/26	Fri 2/27/26
33	Construction Phase	208 days	Tue 11/11/25	Fri 8/28/26
34	Construction Amendment Approved by City Council	0 days	Tue 11/11/25	Tue 11/11/25
35	Mobilization	10 days	Mon 12/22/25	Fri 1/2/26
36	Invoice - Construction - Mobilization - 10% (less retention) or \$415,625	0 days	Mon 12/22/25	Mon 12/22/25
37	Demo and Site Prep	20 days	Mon 1/5/26	Fri 1/30/26
38	8 Invoices - Construction - Monthly Progress during Construction (less retention) - \$3,740,625 total or \$467,578/month	0 days	Fri 1/30/26	Fri 1/30/26
39	Installation	90 days	Mon 2/2/26	Fri 6/5/26
40	ECM-1 Blower & Controls	40 days	Mon 4/13/26	Fri 6/5/26
41	ECM-2 Diffusers	40 days	Mon 3/2/26	Fri 4/24/26
42	ECM-3 Water Reuse	20 days	Mon 2/2/26	Fri 2/27/26
43	Startup and Commissioning	20 days	Mon 6/8/26	Fri 7/3/26
44	Invoice - Procurement - Startup & Acceptance - 10% or \$300,000	0 days	Fri 7/3/26	Fri 7/3/26
45	Punchlist and Resolution	20 days	Mon 7/6/26	Fri 7/31/26
46	Training and Closeout	20 days	Mon 8/3/26	Fri 8/28/26
47	Project Completion	0 days	Fri 8/28/26	Fri 8/28/26
48	Invoice - Construction - Retention - 5% or \$218,750	0 days	Fri 8/28/26	Fri 8/28/26

Upcoming Financial Milestones



Upcoming Activities by Month

	APR	MAY	JUN	JUL	AUG	SEP	OCT
Technical/Scope	Present Phase 2 IGA Deliverables	Kick Off Phase 3 IGA Design	Finalize Procurement Pricing	Present Procurement Amendment		Submittal Review and Approval	Present Phase 3 IGA & Equipment Release Prod.
Legal				Review of Procurement Amendment			
Financing	Research Funding Vehicle by Financial Advisor		Financial Advisor Secures Funding		Funding in Place		Procurement Invoice Due
Special Meetings	Bi-Monthly Phone Call Updates	Bi-Monthly Phone Call Updates	Bi-Monthly Phone Call Updates	Bi-Monthly Phone Call Updates	Bi-Monthly Phone Call Updates	Bi-Monthly Phone Call Updates	Bi-Monthly Phone Call Updates
City Council	Project Status Update	Approval of Audit & NOI for Certificate of Obligation		Approval of Sale for Certificate of Obligation	Approval of Procurement Amendment		

*Blue = In Person Meetings



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