

JCW Middle Basin Solids Treatment Improvements

June 8 – 12, 2026



Introductions & Safety

- Introductions
- Safety Moment

Project Background

- Asset renewal and replacement project
- Digestion system capacity limitations
- Potential risk for digester tank cover failures
- Structural issues with existing Dewatering Building
- Excessive corrosion on dewatering equipment

Project Scope

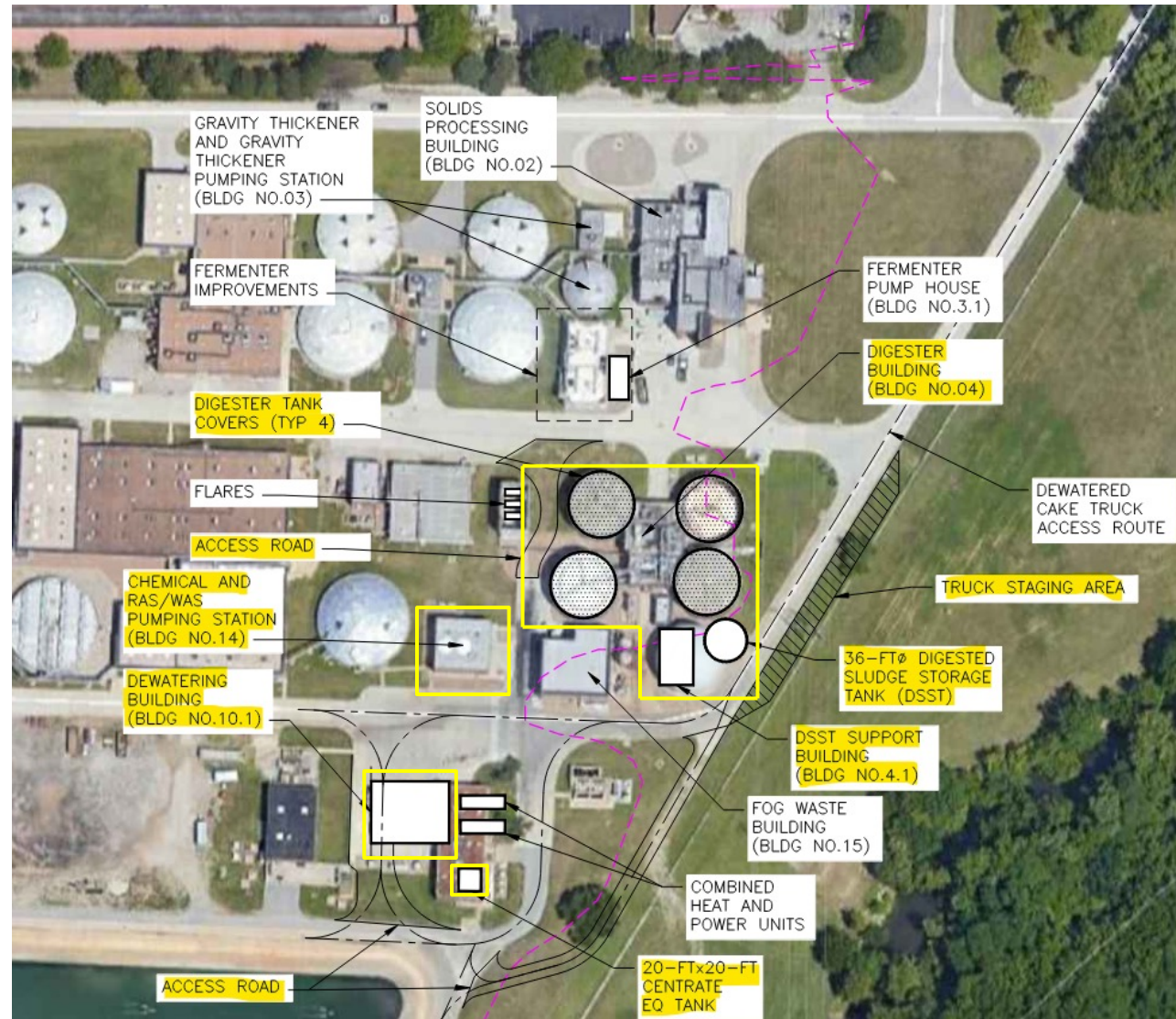
- Major improvements to the solids processing train include:
 - New digested sludge storage tank (DSST)
 - Associated DSST support building
 - Digester rehabilitation
 - New dewatering building
 - Centrate EQ Tank
 - Other Site/Road Improvements

Project Scope Priority

Project Scope	Item Description	Priority Group	Rank ¹	2025 OPCC ²	2025 Cumulative OPCC ²	Priority Group OPCC ²
Anaerobic Digester Rehab	Digester gas piping to flares	High	1	\$891,000	\$0.89M	\$38.6M
New DSST and Support Bldg.	New road to FOG Building	High	2	\$108,000	\$1.0M	
New DSST and Support Bldg.	Demolition of gas membrane pad, DSST Tank and Support Building, associated piping and equipment, boiler relocation	High	3	\$24,900,000	\$25.9M	
New DSST and Support Bldg.	Converting Digester No. 2 to a primary digester and Digester No. 2 cover replacement and cleaning	High	4	\$2,590,000	\$28.5M	
Anaerobic Digester Rehab	All digester equipment – pumps and heat exchangers	High	5	\$4,280,000	\$32.8M	
Anaerobic Digester Rehab	Digester gas safety equipment	High	6	\$629,000	\$33.4M	
Anaerobic Digester Rehab	Digester No. 1 and 3 cover replacement and cleaning	High	7	\$5,170,000	\$38.6M	
Anaerobic Digester Rehab	Replace piping in Building No. 4	Medium-High	8	\$7,780,000	\$46.3M	\$12.7M
Anaerobic Digester Rehab	Dedicated digester feed lines for TPS, Scum, and TWAS	Medium-High	9	\$2,340,000	\$48.7M	
Anaerobic Digester Rehab	Digester No. 4 cover replacement and cleaning	Medium-High	10	\$2,590,000	\$51.3M	
New DSST and Support Bldg.	Truck staging area for dewatered cake and fog hauling	Medium	11	\$558,000	\$51.8M	\$39.9M
New Dewatering Building	Demolition of CHPs	Medium	12	\$81,000	\$51.9M	
New Dewatering Building	Demolition of Building 10 and temporary electrical power	Medium	13	\$566,000	\$52.5M	
New Dewatering Building	Dewatering building, including equipment, piping, and access roads. (Does not include centrate EQ tank and pump station)	Medium	14	\$35,700,000	\$88.2M	
Centrate EQ	Centrate EQ tank and pump station	Medium	15	\$2,470,000	\$90.7M	
Building No. 2 Modifications	Demolition of BFPs	Medium	16	\$284,000	\$90.9M	
Primary Sludge Handling	Digester feed pump replacement	Medium	17	\$246,000	\$91.2M	

2025 Solids Facility Plan

Overall Modifications for Proposed Site Plan



Project Delivery Approach

- JCW intends to deliver the project under a Construction Manager at Risk (CMAR) approach, pending Board of County Commissioners (BOCC) approval.
- Engineer procurement and selection is anticipated to occur in the fourth quarter of 2026.
- CMAR procurement is expected to start in the fourth quarter of 2026 and selection is anticipated to occur in the first quarter of 2027.

Project Schedule

Milestone	2026					2027							2028	2029	2030	2031	2032	2033						
Month	8	9	10	11	12	1	2	3	4	5	6	7-12	1-6	7-12	1-6	7-12	1-6	7-12	1-6	7-12	1-6	7-12	1-6	7-12
Issue Engineer RFP (8/20/2026)																								
Engineer Interviews (11/9/2026)																								
Engineer Selection (11/16/2026)																								
Engineer NTP																								
Issue CMAR RFQ (11/18/2026)																								
Issue CMAR RFP (1/15/2027)																								
CMAR Interviews (3/15/2027)																								
CMAR Selection (3/22/2027)																								
CMAR NTP																								
Design																								
Construction																								

*All dates subject to change

Contractor / Engineer Questions?