



PROFESSIONAL SERVICES

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TO: Mr. John Lindeman
City of Savanna
333 Main Street
Savanna, IL 61078

WEEKLY REPORT #44

Date: Week of May 15, 2017

Job #: 00452023

Project: Savanna WWTF, Main & Bowen Street Lift Stations

Location: Savanna, Illinois

Contractor: Williams Bros. Construction, Inc.

Owner: City of Savanna

On Site Representative: Scott Duckett, Field Engineer – MSA

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Work Completed:

Monday

- Williams Bros. on site today first beginning to strip the wall forms from the east wall area adjacent to the Grit Chamber Pit at the Headwork's building. Began to place granular base and grade area just east of the Aero-Mod tank for the proposed sidewalk. Began installing forms for the wall spread footing at the outer concrete platform structure of the Main Street Lift Station this afternoon.
- G.A. Rich on site today continuing to install mounting brackets and aeration piping at the Aeration Tank area of the Aero-Mod tank.



View of the installed aeration piping and ball valves at the Digester Tank section of the Aero-Mod tank



Placing concrete at the RAS Trough section of the Aeration Tanks at the Aero-Mod tank.

Tuesday

- Williams Bros. on site today to continue to install forms at the spread footing area at the outer structure of the Main Street Lift Station. Utilizing the crane the final five precast hollow core roof panels were set in place at the north end of the Headwork's building.

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- I.R.S. (Interstate Reinforcing Steel) were on site to begin placement of the steel reinforcement bars at the spread footing area of the outer concrete platform wall area of the Main Street Lift Station.
- G.A. Rich on site today continuing to install the aeration piping, ball valves, and mounting brackets at the Aeration Tank A and B areas today at the Aero-Mod tank.

Wednesday

- Williams Bros. on site today final prepping the RAS trough section of the Aeration Tanks A & B for concrete placement. Began pouring these in place mid-morning. Continued to grade and compact the fine granular sub base at the sidewalk area just east of the Aero-Mod tank. Set sidewalk forms in place today at this location also. Clint Wiene-MSA Sr. Project Engineer on site today to inspect the hollow core precast roof beams at the Headwork's building. Several were out of tolerance and had to be jacked back into place within ¼" +/- tolerance prior to grouting taking place. Began rough grading of the granular sub base at the east parking area of the Headwork's building late this afternoon.
- I.R.S. completed the steel reinforcement bar and dowel placement at the wall spread footing portion of the outer concrete platform at the Main Street Lift Station.
- G.A. Rich on site today continuing to install the aeration piping, ball valves and mounting brackets at Aeration Tanks A & B.

Thursday

- Williams Bros. on site today first grouting the hollow core precast roof beams into place at the Headwork's building. Placed concrete using pump truck, at the wall spread footing area of the outer concrete platform at the Main Street Lift Station.
- G.A. Rich on site today continuing work installing the aeration piping and ball valves for the Aero-Mod system at the Clarifier Tank sections of the Aero-Mod tank. Installed the remainder of the 6" drain tile along the south wall area of the Aero-Mod tank this afternoon.
- Tri City Electric on site today working on the EMC floor extensions within the MCC Room of the Headwork's building.

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View of the placed concrete and steel reinforcement for the outer structure of the Main Street lift station



Overall view of the completed Aero-Mod tank and completed aeration piping and valves

Friday

- Williams Bros. on site today only performing some touch up grinding work on the channel concrete wall area of the Headwork's Room. Left site around noon due to heavy rain.
- G.A. Rich on site continuing to install the mounting brackets and the 8" PVC aeration piping at Aeration Tank A (2nd Stage) section of the Aero-Mod tank. Left site early today due to heavy rain.

Issues Encountered:

- Floor jacked several hollow-core precast roof panels at the Headwork's building which were out of tolerance, back within the specified tolerance limits. These were then grouted into place the following day.

Next Week's Schedule: (Tentative)

- Continue the installation of the aluminum walkways, grating, and handrails at the Aero-Mod tank.
- Continue the installation of the aeration piping and wall brackets at the Aero-Mod tank.
- Install the remainder of the perimeter storm sewer along the south wall area of the Aero-Mod tank.
- Begin bypass pumping and associated work at the Bowen Street lift station?
- Begin the installation of the wall forms at the outer concrete platform structure at the Main Street lift station site.
- Begin work on the roof insulation and membrane portion of the Headwork's building.

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Photos: SEE ABOVE AND IN PROJECT FILE.

WRITTEN BY:

MSA PROFESSIONAL SERVICES



Scott Duckett
Field Construction Engineer

cc: MSA- Client Liaison Nick Wagner P.E.
MSA- Co-Project Manager, Jared Fluhr P.E.
MSA- Sr. Project Engineer, Clint Wiene P.E.
MSA- Sr. Project Manager, Jason Miller P.E.
CFPS- Sharon Pepin
City of Savanna- Sheryl Sipe
City of Savanna- Mayor Chris Lain
PROJECT FILE: 00452023