



WEEKLY REPORT #48

PROFESSIONAL SERVICES

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

Date: Week of June 12, 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 finishing setting hatches to grade at the top portion of the Main Street lift station. This section still needs steel reinforcement placed prior to pouring the top section in place. Took delivery today of the sludge belt press, sludge cake pump, sludge feed pump, 3 blowers, and 2 air compressors all for the Headwork's building. Began positioning these items in place at their respective equipment pads.
- G.A. Rich on site today installing the 8" PVC air piping at the Clarifier Tank areas.
- Tri City Electric on site today installing the electrical control cabinets within the MCC Room area of the Headwork's building.



View of the sludge cake pump and the sludge press within the Sludge Press Room area.



View of the 3 blower units placed on the concrete equipment pads within the Blower Room area.

Tuesday

- Williams Bros. on site today grinding "fins" at the Aero-Mod wall areas. Grinding notch areas for the Clarifier Tank walkways also today. Placed concrete for 2 additional concrete triangle fillets for the Clarifier Tan floor area today.

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- G.A. Rich on site today taking inventory and prepping for sludge press equipment installation in the Sludge Press Room area. Continued installation of the 8" PVC piping in the Clarifier Tank section of the Aero-Mod tank. Superior Concrete Cutting on site to core drill 2-16" diameter holes for the 12" effluent piping at the Clarifier Tank areas.
- Tri City Electric on site today prepping and mounting the overhead light fixtures at the MCC Room area of the Headwork's building.

Wednesday

- Williams Bros. on site today forming and then placing concrete fillets at the sidewall area of the Clarifier Tanks. Positioning equipment within the Headwork's Room grit chamber area. Continued to grind and patch interior wall sections of the Aero-Mod tank.
- G.A. Rich on site today to begin installing the Clarifier walkways and associated Aero-mod equipment at the Aero-Mod tank.
- Tri City Electric on site installing and hard wiring the overhead light fixtures at the MCC Room area of the Headwork's building.

Thursday

- Williams Bros. on site today continuing to position the grit classifier in the Headwork's Room. Forming additional sidewall fillets at the Clarifier tank area. Placed concrete at the sidewall fillets and 2 additional concrete triangles for the Clarifier floor area this afternoon.
- G.A. Rich on site today positioning and installing the Clarifier Tank walkways and associated Clarator Aero-Mod piping at the Aero-Mod tank.
- Tri City Electric on site today installing the overhead light fixtures at the Blower Room area.



View of the grit classifier and stair screen positioned within the Headwork's Room area.



View of the Clarifier walkway with air fittings supplied by Aero-Mod.

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- Williams Bros. on site today striping sidewall fillet forms from the Clarifier tank area. Placed concrete at additional sidewall fillet location today as well. Placed concrete at the generator pad location at the Main Street lift station.
- G.A. Rich on site today installing clarator piping, and set grit equipment into position.
- Tri City Electric on site today installing disconnects and pulling wiring for the blower fans.

Issues Encountered:

- The Kohler generator delivered was approximately 3' larger than the poured in place concrete pad on site east of the Headwork's building. The generator pad will need to be removed and replaced per direction of the City.
- 3-16" pipe inserts for the 12" effluent piping at the Clarifier Tank section of the Aero-Mod were installed at the wrong elevation by G.A. Rich. These were cored drilled at the correct elevation.

Next Week's Schedule: (Tentative)

- Placement of steel reinforcement at the top section of the outer concrete structure at the Main Street lift station. Place concrete at this area mid-week?
- Complete the installation of the aeration/pneumatic piping and associated valves at the various Aero-Mod tank sections.
- Begin bypass pumping and the associated piping work at the Bowen Street lift station?
- Begin to install process piping and electrical conduit to equipment in the Headwork's building.
- Complete placement of the rock ballast portion at the roof area of the Headwork's building.
- Complete the epoxy application at the interior masonry block, and precast roof sections of the Headwork's building.
- Complete leak testing of all installed site piping.

Photos: SEE ABOVE AND IN PROJECT FILE.

WRITTEN BY:

MSA PROFESSIONAL SERVICES

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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