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Southern Clinton County Municipal Utilities Authority

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With the hot and dry weather, staff has completed many installations in the collection system; we try to complete these in the dry times whenever possible.

In DeWitt Twp, SCCMUA crews installed new pumps and valves at station 112 on Howe Rd. Replacement pumps were part of the CIP rehab project plan. The pumps that were removed will be salvaged for backup pumps in case of emergency failures. Crews also installed one new pump at station 114 on Donamere Dr; this again was part of the CIP rehab project for 2020. Additionally, a pump from 116 on Wellman Rd. was rebuilt in-house by SCCMUA staff.

In Bath Twp, SCCMUA crews installed a new pump at station 207 on Park Lake Rd. They replaced a pump that had failed and installed a new check valve. A pump from station 220 on Lattice Ln was rebuilt in-house by SCCMUA staff.

In the City, some site improvements were completed at station 304 on Turner St. This included new stone and removal of debris and growth which had a negative appearance and created issues in the work area.

In Watertown, a new check valve was installed at station 402 on Grand River. This is part of a larger rehab project that will have one new pump installed, but it has yet to arrive.

A lot of vehicle maintenance was completed this month. Additional emergency lighting was installed on service trucks lacking efficient lighting. We have begun to transition from the standard yellow caution lighting to an alternating yellow-green flasher to heighten awareness and help avoid complacency as drivers tend to become numb to the usual yellow caution lights. The yellow-green alternating flasher is quickly becoming the new norm.

During a routine inspection of our Vector, the tank straps were found to be faulty and were replaced as well as repairs to a few leaks in the water tank. Staff worked with a local vendor to repair the tanks with significant cost savings vs replacing the tanks.

Administration

Like everyone else, COVID has had a significant impact on our lives, both working and personnel. SCCMUA admin staff has been working to stay ahead of COVID requirements which change daily. An initial FEMA grant has been submitted for funding of supplies and PPE used to battle COVID. This was a rather small grant but helpful.

Also, the staff has been working with Moore and Bruggink on opportunities for grant availability related to the facility plan. A work plan has been written and we are waiting for EGLE to respond to a meeting request to evaluate if a model would give them sufficient evidence to evaluate our capacity through all processes of the plant. We will need to model the plant to evaluate site improvements, but

that would happen in stages. If EGLE will agree to use a model as sufficient evidence to reclassify our capacity, this will have tremendous value to SCCMUA and its users with significant savings in improvements.

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Process—Making it Clean

All parameters of the NPDES permit were met.

Precipitation for June totaled 2.29”.

Current dry weather conditions have led to low flows at the plant. This has given us an opportunity to service a couple Clarifiers. We are experimenting with a new style rope for the swing arms. Usually a braided hollow style rope is used; this time we are trying a synthetic braided line. The synthetic braided line is a high strength rope that is used with winch applications.

Our staff is still hard at work in

the B-1 train of the RBC's; they are close to being done with the air header system and the replacement of the air diffusers. Once this is completed, staff will move out of the tank and begin machining the shaft ends for new bearings.

While doing routine checks on our mud-well pumps, staff noticed that our T4 pump had a slightly restricted flow from the inlet side of the pump and a failing check-valve on the outlet side of the pump. We have since replaced a plug valve on the inlet side of the pump and

the outlet side check-valve. This gained GPM (gallons per minute) and the pump is back in use.

Our Lab Tech has been busy mixing pre-made samples and running the state-required tests for the annual DMRQA report. The DMRQA Report/Tests are performed to test the accuracy of our in-house lab; we perform the required tests, not knowing what the required range is. After the submittal of the test results, we are notified by email if our results were within the acceptable range.

Inspections—The Scoop on the Poop

Miss Dig: (2020/2019)

Miss Dig Requests: 640/568

Miss Digs Marked: 107/96

Inspection Services: 11/11

Projects:

DeWitt Township

Redwood Living: No change. Precon scheduled for 7/23. Revised plans were submitted and reviewed. The plans met SCCMUA standards. Redwood Living is an apartment complex that will connect to the DeWitt Township system, but remain private.

Quarry Village: Precon was held on 6/26. TL Contracting has begun dirt work on the site. EGLE has approved the plans and has issued a Part 41 permit. Quarry Village is a multi-family development that will connect to the DeWitt Township system, but remain private.

102 Interceptor: The work to install the new pipe for the

southern portions of DeWitt Twp has continued with work completed south of Clark Rd.

Bath Township

Meadowbrook West II: No change. Testing has been completed and passed. Waiting on record drawings and easements.

Webster Rd Extension: Pipe has been installed. Testing has been completed and passed. Video has been supplied and is under review. KEBS is working on record drawings.

Whitehills Woods North: Testing is completed and passed, still waiting on record drawings.

City Of DeWitt

Oaks IV: No change; testing has been completed and passed, still waiting for record drawings. C2AE has sent a request to the engineer for record drawings.

Wildflower Condos III: No change; testing has been completed and passed, still waiting for record drawings. C2AE has sent a request to the engineer for record drawings.

Wildflower Subdivision III: No change; testing has been completed and passed, still waiting for record drawings. C2AE has sent a request to the engineer for record drawings.

Watertown Township

Lakeside Phase 11: No change. Waiting for record drawings to be submitted.

Deer Creek III: Pipe installed and air tested. The remainder of the testing will be performed at the end of July.

Airport Rd Extension: Some material delivered to site, work began Wednesday.