

CMOM Projects



Managing Grease in the
Wastewater System Through
Grease Trap Inspections



Manhole Inspection
& Rehabilitation



Flow Monitoring, Pump
Station O&M, and Air Valve
Maintenance



Implementing 5 Year
Capital Improvement Plan



Want to know more?

Email Pat Spangler at pspangler@fudknox.org!

Capital Improvement Program History

- 2011** T-1 and T-2 pump station replacement.
- 2012** Ten Mile A and C gravity sewer line replacement.
- 2012-** Pipe and manhole rehabilitation in Ebenezer, Turkey Creek A, and Fox Road basins.
- 2013**
- 2013** Ten Mile 2 pump station and force main construction.
- 2013** S-5 pump station upgrade.
- 2014** S-4 pump station upgrade.
- 2014** Valve replacement at Sinking Creek pump station.
- 2015** Upgraded level control system at T-1 pump station.
- 2015** Upgraded level control system and incorporated wet well aeration system at T-2 pump station.
- 2015** Upgraded level control system and incorporated wet well aeration system at Ten Mile 1 pump station.
- 2015** Upgraded level control system and incorporated wet well aeration system at Ten Mile 2 pump station.
- 2015** Incorporated wet well aeration systems at S-5 and Petro pump stations.
- 2016** Upgraded level control system and incorporated wet well aeration system at Ebenezer pump station.
- 2016** Incorporated wet well aeration system at T-1 pump station.
- 2016** Removed Ten Mile Diversion pump station from service.
- 2016** Upgraded flow diversion structure for Ten Mile 1 and 2 pump stations.
- 2016-** Keller Bend B pump station evaluation, design, and replacement. Incorporate
- 2017** wet well aeration system.
- 2016-** Statesview pump station evaluation, design, and replacement. Incorporate wet-well
- 2017** aeration system.
- 2017** Upgrade motor controls, level controls, and SCADA for S-2 pump station.
- 2017** Valve replacement and bypass installation for S-2 pump station.
- 2017** Upgrade motor controls, level controls, and generator for Sinking Creek pump station.

- 2017** River Sound pump station evaluation and design.
- 2018** Manhole and lateral rehabilitation in multiple basins.
- 2018** Manhole Inspection – 360-degree panoramic technology.
- 2018** River Sound pump station replacement.
- 2018** Westland Drive (S-3) pump station evaluation and design.
- 2018** Master SCADA system upgrades to more effectively monitor and control pump station conditions.
- 2018** Sinking Creek pump station pump upgrades.
- 2018** Chatam Ridge pump station pump upgrades.
- 2018** Keller Bend A pump station odor/corrosion control system installation.
- 2018** Ten Mile 2 pump station additional wet well aeration system installation.
- 2018** Northshore Town Center 1 and 2 pump stations upgraded level controls.
- 2018-** Ebenezer pump station geotechnical work and design for station relocation and upgrade.
- 2019**
- 2019-** Ebenezer Pump Station, Force Main, and Storage Tank design started and completed.
- 2020**
- 2019-** North 40 / Turkey Creek A Basin construction on new larger interceptor and pump station
- 2020** to address overflows in the basin.
- 2019-** Manhole and lateral rehab Ten Mile and Ebenezer basins.
- 2020**
- 2019-** Upsize and rerouting of force main for Statesview Pump Station.
- 2020**
- 2019-** Upgrading headworks and sludge processing at WWTP.
- 2020**
- 2019-** FUD crews upsized 800' of gravity sewer from 8" to 12" in LTC basin – Way Station Trl.
- 2020**
- 2020** Westland Drive pump station upgrade design is complete.
- 2020** Unicorn Drive pump station installed.
- 2020** Pump station upgrade at 8522 Kingston Pike – Tire Barn warehouse.