



Fact Sheet: ILA Regarding RCMOM Program

In 2014-2015, a U.S. Environmental Protection Agency (EPA) audit of sanitary sewer system practices at the NTMWD and its member Communities found improvements were needed to reduce SSOs. To efficiently address these concerns and avoid onerous and more costly federal enforcement actions (such as consent decrees), NTMWD and the Communities have collaborated to produce the Regional Capacity, Management, Operation, and Maintenance (RCMOM) Coordination Plan following a 2015 Memorandum of Understanding (MOU) between NTMWD and the 12 member cities of the Regional Wastewater System. These early, proactive efforts have successfully allowed the EPA to avoid implementing stringent consent decrees on NTMWD and the Communities, contingent upon the continued, coordinated implementation of CMOM programs.

One of the RCMOM Coordination Plan goals is to jointly establish a collaborative process and approach to capacity planning that will provide a common basis and understanding of regional system capacity, and foster enhanced interface between Community and NTMWD systems. A Community is a wastewater member/customer/participant entity served by NTMWD. NTMWD is in the process of implementing the Regional Modeling Protocol as contained within the RCMOM Coordination Plan, for its two Regional Wastewater Systems, the Upper East Fork Interceptor System (UEFIS), and the South Mesquite Creek Regional Conveyance System.

Details of the Regional Modeling Protocol outlines the steps for NTMWD and its Communities to collaborate on capacity by expanding the existing NTMWD model to include select infrastructure elements of the Communities systems to allow for increased system understanding and a more coordinated approach to capacity planning across the system. The current efforts will be a three year phased effort as follows:

- Phase 1 (FY 2017- FY 2018): Develop and Update Model – Conducted in two separate phases. The initial phase (Phase 1A) is to fully define the NTMWD and Community system extents and perform initial data collection efforts and data gap assessments. The following phase (Phase 1B) will be to complete data collection, model construction and perform flow monitoring.
- Phase 2 (FY 2019): Capacity Assessment – Assess system capacity for level of service and planning horizon.
- Phase 3 (FY 2020): Capacity Assurance – Develop improvement alternatives to meet level of service and/or goals.

Field activities will be an integral part of the success of Phase 1B. Phase 1B is scheduled to begin in the fall of 2017. Field activities will include surveying infrastructure, installing and maintaining temporary flow monitors in both the NTMWD and Community systems, installing and maintaining rain gages, as well as general field investigation for model connectivity verification.

NTMWD has worked with the Communities on the attached Inter-Local Agreement (ILA) to provide access to Community infrastructure. **We request each Community execute ILA by September 2017 month end.** Please execute and return an original to: Jenna Covington, NTMWD; and a scanned copy via e-mail (jcovington@ntmwd.com).

Following execution of the ILA, a Field Coordination Plan, and Health and Safety Plan will be established with the Communities. The plans will establish field coordination protocols for allowing access to the areas of the Community systems that may be needed as described above.