

PUBLIC WORKS PROJECTS

WASTEWATER MASTER PLAN PROJECT



McMinnville's Water Reclamation Facilities Plan (2009, CH2M HILL/West Yost) recommended expanding the WRF in conjunction with reducing conveyance system infiltration and inflow (I&I) to address future wastewater treatment needs. Since 2009, the City has implemented some recommended projects and deferred others, resulting in cost effective reduction of I&I and expanded WRF treatment capacity. Deferred projects at the WRF are attributable to: I&I improvements; lack of wastewater discharge permit renewal by the Oregon Department of Environmental Quality (DEQ); and, to population, thus flows and loads, not increasing as projected in 2009. However, recent changes to the Urban Growth Boundary, movement by DEQ on a new NPDES permit, and aging infrastructure necessitate updates to the WRF and conveyance system planning documents. The project will deliver planning documents in a phased approach to update the City's Master Plan for conveyance and Facilities Plan for treatment. Tasks include:

- Conveyance system planning, conveyance system capacity analysis, and condition assessment of major conveyance pump stations and WRF treatment processes.
- Support for the City's ongoing NPDES renewal process.
- Developing conveyance system and WRF improvement alternatives.
- Developing Capital Improvements Plan (CIP) and System Development Charge (SDC) Analyses.
- Draft and final planning documents for adoption by City Council.

PUBLIC WORKS OPERATIONS & WASTEWATER ADMINISTRATION BUILDING FACILITY PLANNING & ANALYSIS

Phase 1 of this project includes facility planning and analysis necessary to identify recommended alternatives, including budgetary cost estimates and preliminary project schedules, to secure funding and approval by City Council. Following approval and identification of funding, the City intends to initiate detailed design and construction of facility improvements for WW and PW staff at the following locations:

- The WRF Administration Building on Clearwater Drive houses the Wastewater (WW) Operations, Maintenance, Conveyance, and Environmental Services Staff. The project will determine what is required to bring the existing building up to code to meet seismic requirements and address the needs of housing the wastewater staff for the next 20 years.
- The PW Operations campus on Riverside Drive is the center of operations for the Streets Maintenance Crews and the Parks Maintenance Crews, in addition to the associated fleet and maintenance services. These groups are responsible for all the maintenance and repair work that happens in the City's parks, streets, and right of ways. The project will determine space and facility needs for PW Operations for the next 20 years.
- The old WWTP adjacent to Riverside Drive PW facilities was abandoned in 1995 when the WRF was constructed. The project will evaluate options for demolition and/or mitigation of the abandoned facilities.



For more information, please contact:

Leland Koester, Wastewater Services Manager

t: 503.434.7313

e: leland.koester@mcminnvilleoregon.gov