

Wet Weather Treatment Facility and Reservoir, LWRP

Project Number: 10-716-3P

Service Area: Calumet

Location: Lemont WRP

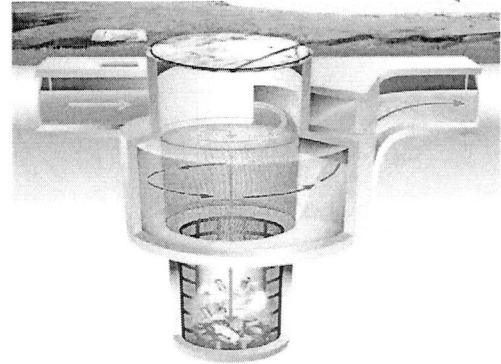
Engineering Consultant: CH2M Hill

General Contractor: To be determined

Estimated Construction Cost: \$30,000,000

Contract Award Date: July 11, 2013*

Substantial Completion Date: June 21, 2015*



Project Description: The work includes increasing the size of the 18-inch interceptor sewer entering the plant site from the Village of Lemont's combined sewer area; constructing a new wet-weather treatment facility to provide primary treatment followed by disinfection, sized to treat up to 10 times the volume of dry weather flow (approximately 6.8 MGD); and construction of a five-million gallon equalization reservoir to buffer the peak wet weather flows from the Village's separate sewer area into the new pumping station to be constructed under Contract 08-714-3P.

Project Justification: During storm events, the Lemont WRP currently receives high flows from the tributary sewer systems, which result in bypasses to the Chicago Sanitary & Ship Canal. In the fall of 2009, the District received a violation notice from the Illinois Environmental Protection Agency (IEPA) that alleged failure to provide adequate treatment of excess flows during wet weather periods at the Lemont WRP. A long-term control plan was developed and approved by the IEPA on March 16, 2011, consisting of a new pumping station, an equalization reservoir, and a wet weather treatment facility.

Project Status: Design phase, 60 percent complete.

*Information shown is estimated.