



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Details (With Text)

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Title: Authority to add Project 05-711-3P Wet Weather Reservoir, Lemont Water Reclamation Plant, to the Engineering Department Capital Improvements Program and the Capital Improvements Bond Fund, estimated cost of the project is \$15,000,000.00

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Date	Ver.	Action By	Action	Result
8/12/2010	1	Committee of the Whole	Recommended	Pass
8/12/2010	1	Board of Commissioners	Approved	Pass

TRANSMITTAL LETTER FOR BOARD MEETING OF AUGUST 12, 2010

COMMITTEE ON FINANCE

Mr. Richard Lanyon, Executive Director

Authority to add Project 05-711-3P Wet Weather Reservoir, Lemont Water Reclamation Plant, to the Engineering Department Capital Improvements Program and the Capital Improvements Bond Fund, estimated cost of the project is \$15,000,000.00

Dear Sir:

Authority is requested to add Project 05-711-3P Wet Weather Reservoir, Lemont Water Reclamation Plant (WRP), to the Engineering Department Capital Improvements Program and the Capital Improvements Bond Fund.

The project will involve constructing a new equalization reservoir at the site of the Lemont WRP. The purpose of the reservoir is to buffer peak wet weather flows from Lemont's separate sewer area to a new pumping station. The reservoir will have a storage capacity of five (5) million gallons and will be covered.

The project is one component of an overall plan in response to a violation notice from the Illinois Environmental Protection Agency (IEPA) regarding discharges from outfall 002 at the Lemont WRP. The IEPA has directed the District to submit a long-term control plan to address the discharges, which the IEPA has determined are considered combined sewer overflows. This plan is a formal commitment on the part of the District, and it will present the major elements of the District's overall plan. In addition to the subject project, this plan will include the following:

- Constructing a new pumping station and two parallel force mains to convey sewage from Lemont to an existing District interceptor sewer that is tributary to the Stickney WRP. The wastewater will receive

treatment at the Stickney WRP, and the Lemont WRP will be decommissioned.

- Constructing a new wet weather treatment facility that will provide primary treatment and disinfection to flows in excess of the dry weather volume plus first flush, from the combined sewer area of the Lemont basin. In addition, modifications will be made to an existing 18-inch diameter combined sewer, in order to convey the required rate of flow to the wet weather treatment facility.

The two additional projects will be constructed under Contracts 08-714-3P Lemont Pumping Station and Force Mains and 10-716-3P Wet Weather Treatment Facility. The authority to add these projects to the Engineering Department Capital Improvements Program and the Capital Improvements Bond Fund is requested under separate requests at this meeting.

The estimated cost of the project is \$15,000,000.00.

Requested, Kenneth A. Kits, Director of Engineering, TEK:ECB

Respectfully Submitted, Gloria Alitto Majewski, Chairman Committee of Finance

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for August 12, 2010