

GRAVOIS TRUNK SANITARY STORAGE FACILITY



In 2012, the Metropolitan St. Louis Sewer District (MSD) launched MSD Project

Clear, an initiative to improve water quality and alleviate many wastewater concerns in the St. Louis region. MSD Project Clear is a long-term effort by MSD, undertaken as part of an agreement with the U.S. Environmental Protection Agency and the Missouri Coalition for the Environment. MSD Project Clear will invest billions of dollars over a generation in planning, designing, and building community rainscaping, system improvements, and an ambitious program of maintenance and repair. At



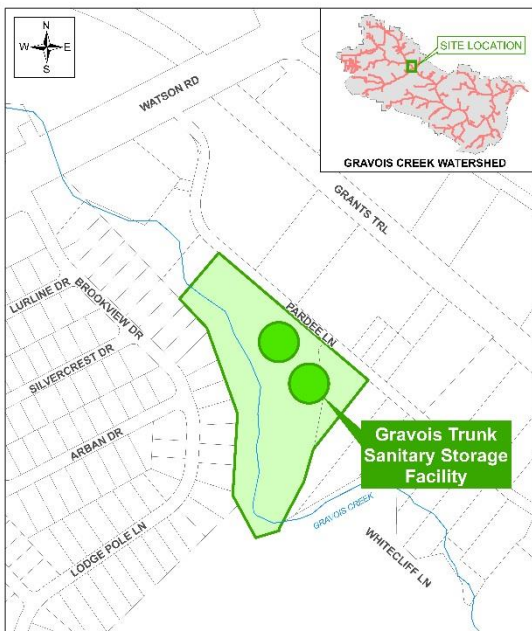
The Storage Facility project will be located at 8645 Pardee Lane in Crestwood at the current site of the Crestwood Department of Public Works maintenance facility. It will consist of two sewage storage tanks, totaling 7.8 million gallons, a pump station, piping, and two structures to divert wet weather flow to the pump station. During rain events, sewage will be pumped to the storage tanks, thus preventing sewage backups into basements, overflows into Gravois Creek, and overloading of downstream sewers. After each rain event, the sewage will be released back into the sewer system when capacity is available. Treatment is provided at the Lemay Wastewater Treatment Plant.

THE GRAVOIS TRUNK SANITARY STORAGE FACILITY

- Estimated Construction Cost: \$40 million (2016 dollars)
- Anticipated Construction Start Date: 2018
- Design Engineers: Burns & McDonnell

STORAGE TANK BENEFITS

- Captures sewage during heavy rains preventing sewage backups into basements, and overflows to streams and rivers
- Improves water quality and public health
- Avoids replacement of downstream sewers and the associated impacts to Gravois Creek and disturbances to properties along the creek
- Stores sewage during heavy rains until the downstream sewer and the Lemay Wastewater Treatment Plant have capacity.



times of heavy wet weather, the sewer system of St. Louis City and much of St. Louis County can be overwhelmed, causing overflows into area rivers and streams. Like many cities throughout the United States, this program is designed to reduce the occurrence of sewer overflows that result from older wastewater collection and treatment systems during heavy storms.

MSD Project Clear has divided this multi-year, multi-billion dollar investment into numerous projects that will be designed and constructed over the next several decades. The Gravois Trunk Sanitary Storage Facility in Crestwood is one of the larger projects, addressing an aging infrastructure collection system along Gravois Creek.

Gravois Trunk Sanitary Storage Facility Project

<http://www.projectclearstl.org/>



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