



PROJECT GROUNDWORK
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Project Groundwork NEWS

Werk & Westbourne Enhanced High Rate Treatment Facility

Sewer Overflow Solution Coming to the Werk & Westbourne Area

MSD has a strategy in place to reduce sewer odors at the intersection of Werk Road and Westbourne Drive.

This area has a history of sewer odors, which are primarily by-products of overflows from the combined sewer system. Comprised of stormwater mixed with sanitary sewage, these Combined Sewer Overflows (CSOs) occur during wet weather, when stormwater overwhelms the combined sewer system. The overflows are released from an outfall located near the intersection into Schaible Creek, a Muddy Creek tributary that runs parallel to Westbourne Drive.

MSD has made it a priority to significantly reduce overflow occurrences at this location. After studying many options, it has been determined that the best solution is to construct an Enhanced High Rate Treatment (EHRT) facility to capture, store and treat most of the overflows before they are released into Schaible Creek.

Situated on the southwest corner of the Werk/Westbourne intersection, this facility will enable MSD to control most combined sewer overflow events at this site, providing better protection of public health and the local environment. It will also improve neighborhood aesthetics by eliminating sewer debris and significantly reducing sewer odors.

Building a facility of this nature in a residential area raises many questions. MSD is committed to working closely with neighbors and the Green Township community to address your questions and consider your needs and concerns. Inside this newsletter is information about how we will exchange information with you.

The Werk & Westbourne Enhanced High Rate Treatment (WWEHRT) Facility is an exciting project for MSD, and its completion will be an asset for your community.

We look forward to working with you to make this project a success.



Werk & Westbourne Enhanced High Rate Treatment Facility Questions and Answers

What is an Enhanced High Rate Treatment (EHRT) facility?

An EHRT facility is specifically designed to treat and disinfect peak wastewater flows generated by wet weather. EHRT facilities use advanced physical-chemical processes to treat wastewater instead of the biological processes used by more conventional wastewater treatment plants and can process flows much more quickly. EHRT facilities operate only when needed, are much smaller than conventional treatment facilities and can more easily be designed to blend into the surrounding neighborhood.

What will the Werk & Westbourne EHRT (WWEHRT) Facility look like?

MSD is in the early planning and conceptual design phase for this project and many decisions have yet to be made including capacity, facility size and layout. These questions and more will be answered in the next few months. We do know:

- Portions of the facility will be built underground.
- The exterior elevation of the facility should not exceed one story.
- Facility access will be located in the back, away from the street.
- Visible portions of the facility will be designed to blend in with the surrounding neighborhood.

Who is funding the project?

MSD is funding the WWEHRT Facility through its Project Groundwork program. Project Groundwork is funded primarily by MSD customers through their service fees.

Are my rates going to increase because of this project?

Because this project is being funded through Project Groundwork, your property will not be assessed a special fee to pay for the WWEHRT Facility. MSD expects sewer rates will increase for all customers over the life of Project Groundwork, however, to help pay for much needed system improvements. More information is available at www.projectgroundwork.org.

When will construction begin?

Design and construction of the WWEHRT Facility is expected to be a seven-year process. Planning and conceptual design began last summer. Facility design should be complete in the spring of 2014, at which point construction is expected to begin. The facility is scheduled to be operational by December 2017.

How will construction be managed?

Construction of an EHRT facility near a busy intersection in a residential area is a challenge and there will be disruptions. However, MSD is already working with Green Township to identify ways to minimize inconveniences as much as possible and will continue to do so throughout the planning process. More information about the construction process will be available as we get closer to that phase of the project. In the meantime, we welcome your input at MSD.WerkWestbourne@cincinnati-oh.gov.

Summer 2010
Project launch;
began Planning
and Conceptual
Design phase

Summer 2012
Begin Detailed
Design

Spring 2014
Complete
Detailed Design;
begin construction

December 2017
Complete
construction;
facility begins
operation

2010 2011 2012 2013 2014 2015 2016 2017 2018

Connecting With Our Team

MSD is committed to keeping you informed about our progress. We invite your questions and feedback. Opportunities through which you can learn more and connect with the project team include:

■ Community meetings:

The first meeting will be held on:

Thursday, March 3

7 p.m. to 9 p.m. (presentation at 7:30)

Nathanael Greene Lodge (6394 Wesselman Road)

Subsequent meeting dates and times will be posted on the project website and notices will be sent out via email.

■ The project website:

www.projectgroundwork.org/werkwestbourne

New information will be posted as it becomes available. Questions and comments can also be submitted on this site and responses will be posted.

■ Email:

MSD.WerkWestbourne@cincinnati-oh.gov

Project updates and community meeting announcements will be sent out via email. To receive these updates, sign up on the project website or send an email request to the address listed above. Questions and comments can also be submitted via email.

■ MSD Engineering Customer Service Line: **(513) 557-3594**

(refer to the Werk Westbourne project when calling)

Blending in to Your Neighborhood

MSD is sensitive to the fact that the Werk & Westbourne Enhanced High Rate Treatment (WWEHRT) Facility will be built in a residential area and we will make every effort to blend it in with the surrounding neighborhood. We expect to incorporate design elements into the facility that have the look and feel of nearby buildings and homes. MSD is already working closely with Green Township representatives on this task and will continue to do so throughout the planning and design process.

Also, upon completion of the WWEHRT Facility, there will likely be open space on the property that can be used as a community asset – perhaps a small park with walking trails or a community garden. We will work with your community representatives to explore the possibilities and final decisions on how to use the space will be based on community preference, feasibility and cost.

You are welcome to share your ideas with Green Township representatives or to submit them to the project team at **MSD.WerkWestbourne@cincinnati-oh.gov**. Further information will be posted on the project website as it becomes available.



The WWEHRT Facility: A Project Groundwork Product

Discharging excess wastewater from combined sewers into streams like Schaible Creek was once a common wastewater management practice used by sewer agencies nationwide. However, growing public health and environmental concerns drove regulatory limits to be placed on these sewer overflows. Today, MSD and sewer agencies across the nation are focused on controlling overflows through programs of system improvements and treatment facility upgrades and construction.

MSD's program for these efforts is called Project Groundwork. One of the largest public works projects in Hamilton County history, Project Groundwork is a \$3 billion, multi-year initiative comprised of hundreds of sewer improvement and stormwater control projects across MSD's service area. Together, these projects will improve the quality of our lives through cleaner streams, improved protection of public health, and enhancements to the communities where we work, live, and play.

The WWEHRT Facility is a Project Groundwork project. More information about Project Groundwork is available at **www.projectgroundwork.org**.



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Metropolitan Sewer District
of Greater Cincinnati
1600 Gest St.
Cincinnati, Ohio 45204

For More Information:

[www.projectgroundwork.org/
werkwestbourne](http://www.projectgroundwork.org/werkwestbourne)

Sewer Improvements Are Coming to Your Neighborhood

Community Meeting Announcement

The Metropolitan Sewer District of Greater Cincinnati invites you to a:

Werk & Westbourne EHRT Facility
Community Meeting

Thursday, March 3, 2011

7 p.m. to 9 p.m. (presentation at 7:30)

Nathanael Greene Lodge
6394 Wesselman Road

- *Learn more about the purpose and need for the facility*
- *Find out how the facility will be integrated into your neighborhood*
- *Share your questions and comments with project team members*

MSD is currently planning and designing an Enhanced High Rate Treatment (EHRT) facility to reduce combined sewer overflow occurrences into Schaible Creek.

Located at the intersection of Werk Road and Westbourne Drive, the facility will better protect public health and the local environment and improve neighborhood aesthetics by significantly reducing sewer odors and eliminating sewer debris.

MSD representatives at the meeting will discuss the project and be available to address your comments and questions. More information is provided inside this newsletter and at www.projectgroundwork.org/werkwestbourne.