



PROJECT GROUNDWORK
your pipeline to clean water

Rapid Run Park Project



Project Purpose

The Metropolitan Sewer District of Greater Cincinnati (MSD) will install a “green infrastructure project” at Rapid Run Park beginning in fall 2013.

This effort — part of the Lick Run Project — will keep nearly 15 million gallons of stormwater out of MSD’s combined sewer system each year and help reduce sewer overflows into the Mill Creek.

The project includes a bioswale, two small bioretention basins and new stormwater sewers, among other features. The new stormwater conveyance system will eventually connect to new stormwater sewers along Sunset Avenue and ultimately to the Valley Conveyance System (VCS) or urban waterway in South Fairmount that will discharge into the Mill Creek.

Project Description

About 1,600 linear feet of bioswale will be constructed on the park grounds parallel to Rapid Run Pike. A bioswale is similar to a regular drainage swale but includes features to allow the stormwater to pool in areas (to slow it down) and also absorb into the ground.

The bioswale will collect stormwater runoff from the park, Rapid Run Pike and the hillsides/grounds on the south side of Rapid Run Pike, including the CRC playground and ballfield.

Stormwater sewers will be constructed along the project route to carry stormwater to the bioswale and under the park’s parking lot.



Example of a Bioswale

Two small bioretention basins on the south side of Rapid Run Pike will also collect stormwater for the bioswale.

The project also includes disconnecting the park shelter/restroom area from the combined sewer system. Downspouts will be allowed to flow onto the ground. The existing combined sewer will be converted to a stormwater sewer that will capture overflow from the park pond and runoff from the park grounds and carry it to the bioswale. A new sanitary line will be constructed to convey sanitary sewage to the combined sewer in Rapid Run Pike.

Construction Schedule and Method

Sunesis Construction will work primarily during daylight hours Monday through Friday. Weekend work may be necessary at times. The projected schedule is as follows:

- Construction: Fall 2013 through Fall 2014, depending on weather and the contractor’s schedule
- Final restoration: Fall 2014

Temporary Inconveniences

- Temporary traffic delays on Rapid Run Pike when the new stormwater sewers cross the roadway.
- Public access to the park will be maintained but could be delayed at times. Parking will still be available.
- Noise, vibrations, dust, dirt, concrete barricades and fencing.
- Staging of construction equipment and materials within Rapid Run Park.

Safety

- Expect delays in and around the construction area. Plan travel time accordingly to avoid stress and frustration.
- Follow the speed limit. Speed limits in construction zones are frequently lower than normal.
- Children and pets are often curious about construction work. Keep them away from machinery, trenches and pits at all times.
- If you see a potentially unsafe situation or equipment/fencing that requires repair, please contact MSD

This project is part of MSD’s Project Groundwork, which is designed to make our communities cleaner, healthier and more economically sustainable.

Project Map



If you have any questions or concerns about the construction or property restoration, please contact **MSD Customer Service** at (513) 557-3594 or MSD.Communications@cincinnati-oh.gov