



## Lakeview Park Beach Green Infrastructure Project City of Lorain, Ohio



Funding provided by the US EPA through the Great Lakes Restoration Initiative

The City of Lorain received a \$250,000 grant from the US EPA through the Great Lakes Restoration Initiative in 2014 to improve water quality at the Lakeview Park Beach. The goal of the project is to increase the number of days during the swimming season that the Lakeview Park Beach can be safely used by the public. Lakeview Park is owned by the City of Lorain and operated by Lorain County Metro Parks. The park provides a venue for swimming, sunbathing, beach volleyball, picnicking, lawn bowling and beach volleyball. The park and beach are a major asset of the region, offering one of the largest locations with public access to Lake Erie in Lorain. The beach is regularly tested during the swimming season, and has frequent water quality advisories against swimming or contact with the water when bacteria levels exceed safe limits.



**Lakeview Park Beach is a popular public gathering place**

To address the water quality issues at the beach, the City of Lorain is evaluating multiple potential bacteria sources and various alternatives to address those potential sources. Birds on the beach contribute to the bacteria problem through their feces. The City is assessing options to keep birds off of the beach and will begin a pilot study in the summer of 2015 to utilize daily dog patrols.

Other potential factors include stormwater runoff from nearby residential areas, which enters Lake Erie via stormwater outfalls near the beach. These sources may be treated with a combination of proprietary treatment systems and natural, vegetative filtering devices.



**Lakeview Beach is frequently closed due to excessive levels of E. Coli bacteria**