

B.10 Drinking Water Coordination



Bill Hudson
Director of Utility Operations
City of Hamilton
345 High Street
Hamilton, OH 45011
bill.hudson@hamilton-oh.gov

October 2, 2025

Re: North Hamilton Crossing (NHX), PID 115755
Drinking Water Coordination

Dear Mr. Hudson:

The City of Hamilton and the Butler County Transportation District (BCTID), in partnership with the Ohio Department of Transportation (ODOT), are developing the North Hamilton Crossing (NHX) project to improve traffic flow and travel safety in the northeast part of Hamilton. The project occurs in an area underlain by the Great Miami Buried Valley Aquifer and the OKI Extension of the Miami Buried Aquifer, both of which are Sole Source Aquifers (SSA) and are the primary source of drinking water for Hamilton. A project location map which shows the location of the NHX project, and the area underlain by the SSAs and a map of the Preferred NHX alternative are attached for your reference. Further project information is provided on the NHX project website: [North Hamilton Crossing](http://NorthHamiltonCrossing.org). We are seeking your support and soliciting your input regarding the project to ensure the safety of the drinking water supply during construction.

The NHX project includes a four-lane, boulevard-style road (two travel lanes in each direction) with a turn lane or landscaped median in the middle and a speed limit of 35 MPH. There will be a sidewalk on one side of the new street and a shared-use path on the other side. Bump-outs (where feasible) and crosswalks will be included at street corners for pedestrian safety. In addition, the NHX will include a new bridge over the Great Miami River and a new overpass of the CSX railroad. The project is currently in the planning phases and an Environmental Assessment (EA) is being prepared. The project will be built in phases due to the magnitude of cost. It is anticipated that the West Section, which extends between North B Street and US 127 and includes the construction of a new bridge across the Great Miami River, will occur first. Once funding is secured for this section it will take between three and five years to complete the detailed project designs, relocate utilities and secure the right-of-way needed. The construction of the bridge will take another several years.

In order to protect Hamilton's drinking water supply during construction, ODOT Construction and Material Specifications for Environmental Protection (Item 107.19) will be followed and management plans for control/containment of fuels, oils, and other construction materials will be implemented during construction. Additionally, the following note will be included in the final design plans:

"This project is located within the Great Miami Buried Valley Aquifer (GMBVA) and the OKI Extension of the Miami Buried Valley Aquifer, both of which are Sole Source Aquifers (SSA). Use

proper containment and diking in refueling areas. Do not store fuels, toxic/hazardous materials, and chemicals near drainage ways, ditches, or streams. Maintain a spill kit on-site throughout construction activities. Immediately mitigate any event, such as a spill of fuels, oils, or chemicals, that could threaten to contaminate the drinking water supply. Report all spills or events to the City of Hamilton Public Works Department at 513-785-7206. If the spill is a reportable amount (per Ohio EPA's Release Reporting Requirements), contact City of Hamilton Fire Department at 513-785-7500 or the Ohio EPA's Spills Hotline 1-800-282-9378 for clean-up of the spill."

If you have questions and/or concerns, please feel free to contact either Allen Messer or Dan Corey at the contact information provided below. We ask that you respond no later than October 15, 2025 so that your comments can be included in the environmental documentation. Thank you for your time and cooperation on this matter.

Respectfully,



Allen Messer, P.E.
Director of Engineering
City of Hamilton, Ohio



Dan Corey
Director
Butler County Transportation Improvement District

Attachments:

Figure 1: Sole Source Aquifers Map

Figure 2. The Preferred Alternative for the NHX Project

Questions or comments? Contact:

Allen Messer: 513-785-7286 | Allen.Messer@hamilton-oh.gov

Dan Corey: 513.431.1229 | danc@bctid.org



