

VILLAGE OF SOUTH ZANESVILLE



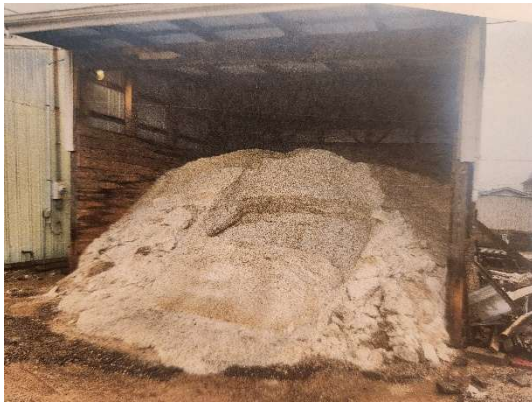
SALT BIN REPLACEMENT PROJECT 2025 **GROUND BREAKING CEREMONY** *FRIDAY, OCTOBER 14, 2025 AT 1:00 PM*

PROJECT SUMMARY

The Village of South Zanesville replaced its failing salt bin with a new concrete facility funded by a \$75,000 H2Ohio Rivers Initiative grant. The new structure prevents chloride from leaching into waterways, allows proper sand/salt mixing, and is expected to cut salt use and runoff by 50%. This project supports H2Ohio's mission of cleaner water and safer communities across Ohio.

THE NEED FOR A SALT BIN

The former Village salt bin, located on the east side of Maysville Pike, was structurally unsound with a dirt floor and wooden sidewalls. Its deteriorating condition allowed sodium chloride to leach into the soil and ultimately into Moxahala Creek. In addition, the facility lacked adequate space to properly mix salt with sand, a proven method for maintaining winter road safety while reducing overall salt usage and saving taxpayer dollars, as sand is a significantly more cost-effective material. See the before and after pictures below!



ANTICIPATED IMPACT

The new structure will dramatically reduce salt dissolving and leaching into the soil and provides space for sand/salt mixing. The anticipated impact of this is to reduce actual Village salt use and loss to dissolve by 50% per year (approximately 62.5-ton reduction) and eliminate any leaching into any waterway. This is based on the national mix in similar cold weather climates of 1 unit salt to 2 units sand, and up to 1 unit salt and 4 units' sand. Village staff will experiment with these ratios to find the best mix for optimal results in the Village. This will reduce road salt runoff by the impact of 62.5 tons less salt being used for snow and ice management.

