
MEMORANDUM TO AREA CONTRACTORS

TO: CONTRACTORS, BUILDERS, AND PLUMBERS
FROM: MIKE KORTMAN, BYRON-GAINES UTILITY AUTHORITY MANAGER
SUBJECT: WATER SERVICE LINE MATERIALS
DATE: MAY 28, 2021

The Byron-Gaines Utility Authority (BGUA) has an approved Construction Specification document that has been in place for a number of years. Contractors that work in Byron and Gaines Charter Townships are generally familiar with these specifications due to the availability of this public document to all and the day-to-day enforcement of the specifications for Township construction projects.

Type “K” copper has traditionally been the only approved material for public water service/service line installation in the Townships. Exceptions have been made over the past twelve years to install HDPE plastic pipe for service lines 100’ or greater in length.

Due to the rapid rise in construction material costs recently; and the proven reliability of these newer materials over the past decade, **effective immediately, HDPE piping (NSF 61 approved) will be accepted for ALL Township 1”- 2” diameter water service line construction.**

Water service (public side) material must still be type “K” copper. A transition to plastic must occur on the service line portion (private side) of the service.

Plastic service lines must be installed per manufacturer’s recommendations. All service line construction must be inspected and approved by the BGUA.

Building site soil conditions may require a chemical analysis before plastic service installation is approved.

Alternative approved methods of electrical grounding must be used when plastic service lines are installed.

Please pass this information along to all of your employees that work in Byron and Gaines Charter Townships. Please call the BGUA office (616-971-0002) with any questions you may have about this policy or specific service line connections.