

Hot Tap on Wastewater Main Line

Some conditions may arise that a Hot connection may need to be installed (connection point distance too far from property). In any case that a Hot Tap is needed an Electrofusion Tapping saddle must be used. Cutting the main line to install a Tee Will Not be allowed under any circumstances.

The tapping saddle must meet ASTM F-1055 Standards. The Tapping saddle shall be a 2" by either 6" or 8" depending on size of main being tapped. The saddle will be an electrofusion joined (welded) saddle no exceptions.

Electrofusion: Electrofusion joining (welding) shall be in accordance with the manufactures recommended procedure. Other sources of electrofusion joining information are ASTM F 1290, PPI TN 34, and PPI Municipal Advisory board (MAB) Generic Electrofusion Procedure for Field Joining of 12 Inch and Smaller Polyethylene (PE) Pipe. The process of electrofusion requires an electric source, commonly called an electrofusion processor that has wire leads and a method to read electronically (by laser) or otherwise input the barcode of the fitting. The electrofusion processor must be capable of reading and storing the input parameters and the fusion results for later download to a record file. Qualification of the fusion technician shall be demonstrated by evidence electrofusion training within the past two years on the equipment to be utilized for the tap.

A 2" HDPE pipe shall be either Butt fused or Electrofusion joined to the 2" tap outlet and extended to the property line. At the property line a 2" RWS Cast Iron Gate valve shall be installed on the end of the 2" service line. The valve shall be installed with concrete blocking and cast iron valve box. The valve box will have a 2' X 2' X 6" thick concrete pad at the surface.