

Langer Connection Sewer Manhole Rehab Job Kennedy Township Pittsburgh, Pennsylvania



The call came from a Kennedy township homeowner that the smell of raw sewage was in the air and they were tired of the smell.

Dave Gasparovich of Gasparovich Excavating went out and started walking the very hilly area (15% grade or more) in search of the culprit .

This is what he found...



The 12 manholes he discovered in the woods had been installed in the late 70's and were connected with clay pipe. The smell was coming from these structures, some of which that had been almost totally corroded from the effects of Hydrogen-Sulfide gas. The concrete manholes and some of the iron castings were so damaged they were releasing a terrible odor and groundwater began seeping in. Fortunately, the clay pipe was still in good shape and would not have to be replaced except at the new manhole connections.

The 12 brand new replacement manholes were wisely lined with our Dura-Plate 100 PVC manhole liner to resist the Hydrogen-Sulfide gas for the remaining life of the structures.



They were also outfitted with our Z•LOK cast-in flexible rubber connectors to create a watertight structure.



Dave Gasparovich was pleased with the fast installation of the Dura-Plate 100 lined structures since no welding is ever required.

The Z•LOK water tight connectors, instead of mortar and grout, also helped to shorten the installation.

Once in place, the structure could be back filled immediately. No dangerous, time-consuming travel up and down the hilly site was necessary to return and back fill after the grout and mortar set-up.

Lined manhole base, riser, flat top & opening right up to the edge of the casting.



The Dura-Plate lined base with pre-poured flow channels was set and connected to the existing clay pipe line in about 20 minutes!

Pre-poured flow channels in all manhole bases also contributed to the overall efficiency of the installation and quality of the rehabilitation.



The smell of raw sewage is gone from this beautiful area of Kennedy Township.

