

Ridge Valley of Milford



QUICK FACTS:

- 140 single-Family Residences/
Condo Units & Senior Citizens
Apartment Complex
- Groundwater Discharge
- 50,000 gpd



Located in Milford Township, Oakland County, Ridge Valley is a residential subdivision development coupled with a senior citizens apartment complex. To achieve the residential home density consistent with the current zoning of the property and to be able to construct the senior citizens apartment desired by township officials, sanitary sewer service had to be provided to the development. As extension of the sanitary sewer system from the Village of Milford could not be achieved, construction of an on-site wastewater treatment plant was required.

Boss Engineering assisted the developer in securing a groundwater discharge permit for the project. Upon receipt of the groundwater discharge permit, a modern activated sludge continuous flow wastewater treatment plant was designed and constructed. Final discharge of treated effluent is to the groundwater via rapid infiltration beds located on site.

In addition to the need to construct a wastewater treatment plant, the site also needed a central or community water system to achieve the needed density for the project. Boss Engineering, in coordination with the developers hydrogeologist and well driller, designed and obtained a construction permit from DEQ for the development of a modern Type 1 public water system comprised of multiple large diameter wells and a hydropneumatic storage system for the development.

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