

GEM SANITARY WASTE WATER TREATMENT PLANT DESCRIPTIONS

North Plant – (NPDES Permit #IN0058009)

The North Plant facility is a Class I, 0.200 MGD extended aeration treatment facility consisting of screening, flow equalization, secondary clarification, ultraviolet light disinfection, post aeration, effluent flow measurement and sludge holding. Final sludge is hauled off site. The collection system is comprised of 100% separate sanitary sewers by design with no overflow or bypass points. There are five (5) lift stations spread throughout the North Plant service area.

South Plant – (NPDES Permit # IN0061859)

The South Plant facility is a Class I, 0.100 MGD treatment facility consisting of manually cleaned bar scree, an aerated flow equalization basin, and extended aeration basin, a secondary clarifier, and aerated sludge holding tank, a post aeration tank, ultraviolet light disinfection, and an effluent meter. Final sludge is hauled off site. The collection system is comprised of 100% separate sanitary sewers by design with no overflow or bypass points. There are two (2) lift stations spread throughout the South Plant service area.