

New Infrastructure

In addition to the 36 miles of pipeline needed to bring Lake Michigan water to Waukesha and then return it, there will be a few new buildings to manage water along the route. Here are the details on this infrastructure:



WAUKESHA BOOSTER PUMPING STATION (BPS)

At the Rempe/Nike site on the east side of Waukesha near Broadway and Les Paul Parkway, the Great Water Alliance will be building a booster pumping station, water reservoirs, and a water tower.

- ◆ The booster pumping station will push water through the return flow pipeline that starts at the Clean Water Plant in Waukesha and empties into the Root River in Franklin.
- ◆ Since this location is on a portion of land given to the city for a park, Waukesha has purchased adjacent land to double the original size of the planned park to approximately 35 acres.
- ◆ The water tower will be similar to the tower at UW-Waukesha.
- ◆ The water reservoirs will be 180.5 feet in diameter and about 60 feet tall.
- ◆ It will be 268 feet from the curb to the booster pumping station.
- ◆ Landscaping will include evergreens and other trees that will screen the view of the pumping station and tanks from Broadway.
- ◆ Lighting around the booster pumping station will be minimal, fifty times less than the maximum levels allowed. The light at the property line will be similar to a night illuminated by a full moon.
- ◆ The only regular noise will be the weekly testing of the generator. The test occurs during the day and lasts about 30 minutes with a noise level similar to a vacuum cleaner (70 decibels).

OKLAHOMA PUMPING STATION (OPS)

On the southeast corner of Oklahoma Avenue and S. 76th Street near the AMF West bowling lanes in southwest Milwaukee, a water supply pumping station will be built. It will connect to the Milwaukee water distribution system to push water from Lake Michigan out to Waukesha. Please check back later for more information.

FRANKLIN OUTFALL STATION (FOS)

Just off of Oakwood Road, west of 60th Street in Franklin, a new outfall station will be built to return clean water to Lake Michigan via the Root River. Since 1966, the base flow of the Root River has been too low to support water quality, recreation, and fishery goals. The elevated water levels from the new water supply program will improve conditions. Please check back later for more information.