

Blue Lake Wastewater Treatment Plant

The Blue Lake Wastewater Treatment Plant is the second largest MCES plant and is the third largest plant in Minnesota. Located on the Minnesota River in Shakopee, the Blue Lake Plant treats an average of 27 million gallons of wastewater per day.

The Blue Lake Plant has a design capacity to treat 32 million gallons of wastewater per day. The plant provides primary and secondary treatment to wastewater before discharging the resulting clean water to the Minnesota River. Solids removed from the wastewater are dewatered, dried and pelletized for use as an agricultural fertilizer, under a public-private partnership between MCES and the New England Fertilizer Company (NEFCO). An additional solids treatment process called anaerobic digestion produces methane gas that helps power the solids drying equipment.

Blue Lake Plant Information

- Location: Shakopee, Minnesota
- Type: Advanced secondary with chlorination/dechlorination
- Capacity: 32 million gallons per day
- Discharges to: Minnesota River
- Communities served: 31
- Population served: 300,000
- Interceptors to plant: 129 miles



Award-Winning Plant

The Blue Lake Plant has an excellent environmental record and regularly earns state and national awards for operational excellence.



National Association of Clean Water Agencies Platinum Peak Performance Award winner for perfect clean water discharge permit compliance for 11 consecutive years.

For more information about the Blue Lake Plant, please contact Tim O'Donnell at 651-602-1269 or at tim.odonnell@metc.state.mn.us