



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
GRAND RAPIDS DISTRICT OFFICE



LIESL EICHLER CLARK
DIRECTOR

June 13, 2019

Mr. Rob Hall, Supervisor
Lake Township
8105 W. Kelly Road
Lake City, Michigan 49651

Dear Mr. Hall:

SUBJECT: Groundwater Compliance Evaluation Inspection (CEI)
Groundwater Discharge Permit No. GW1810134
Designated Name: Missaukee Sanitary Drain #2
Wastewater Treatment Plant (WWTP)

On May 14, 2019, staff of the Department of Environment, Great Lakes, and Energy (EGLE), Water Resources Division (WRD) conducted a Groundwater CEI at the Missaukee Sanitary Drain #2 WWTP, located at 7749 W. Jennings Road, Lake City, Missaukee County. The purpose of the inspection was to evaluate the facility's compliance with Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), and State Groundwater Discharge Permit No. GW1810134, issued on May 30, 2017, effective June 1, 2017, and expiring on June 1, 2020.

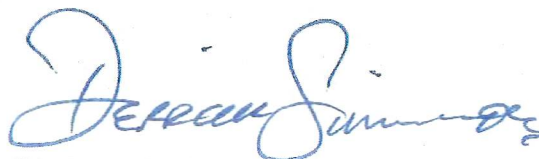
Mr. Alan Gray accompanied me during the inspection which included a records review, an interview, and a site inspection.

Wastewater treated and discharged by this system consists of sanitary sewage only with little (if any) industrial inputs. The sewerage system consists of a pressure (S.T.E.P.) sewer system and a gravity sewer system. The pressure system services the homes around Crooked Lake and Sapphire Lake and is routed directly to the WWTP. The gravity system servicing homes along the south end of Lake Missaukee consists of a number of smaller pump stations that all discharge to a main pump station (#4) located at the Green Road boat launch. This lift station then discharges directly to the WWTP. The WWTP consists of two aerated treatment lagoons, and one aerated stabilization/discharge lagoon. Treated wastewater is then discharged from the #3 lagoon to one of the two center pivot spray irrigation areas located north and east of the lagoons. This Public Owned Treatment Works (POTW) generates approximately 51,000 gallons of wastewater per day in the warmer months, and considerably less gallons per day during the winter months as many residents live here only seasonally. This facility is authorized to discharge up to 850,000 gallons of treated wastewater per day (26.22 million gallons per year) during the May 1 through October 31 spray irrigation season.

There were no violations of this permit observed during this compliance inspection. We appreciate your efforts to maintain compliance with State Groundwater Discharge Permit No. GW1810134. If you have any questions or comments regarding this letter, please contact me at the number listed below.

Should you require further information, please contact me at 616-710-2139; simmons@emichigan.gov; or at EGLE, WRD, Grand Rapids District Office, 350 Ottawa Avenue, NW, Unit 10, Grand Rapids, Michigan 49503-2341.

Sincerely,



Derrick K. Simmons, R.S., R.E.H.S.
Senior Environmental Quality Analyst

dks/llr