

Selfridge Air National Guard Base ensures compliance with Michigan DEQ storm water regulations

As a vital facet of the 127th Wing's mission sustainability at Selfridge AFB, the facility had to address and comply with storm water regulations. Selfridge AFB is adjacent to Lake St. Clair and has subsequent storm water discharges to both the lake and the Clinton River, which are a source of drinking water and recreation for the community and businesses. In order to assess the issues and impacts of the storm water discharges and formulate sampling/monitoring plan and subsequent recommendations on how to reduce, minimize and/or eliminate such discharges, the 127th Wing formed a Civil Engineering Environmental (CEE) Team.



The CEE Team consulted with environmental experts at the ANG headquarters and negotiated with the DEQ to put together an aggressive sampling and monitoring plan for an 18 month period. QA/QC procedures were put in place with the contracting laboratory. In addition, training and educational programs for Selfridge AFB workers and residents were created to minimize potential pollutants on the storm water. The inherent goal was to comply with state storm water regulations and reduce the frequency of non-compliance and severity of any discharges from the base.

The environmental team completed their sampling and monitoring program and submitted all results to the DEQ which showed a continued decline in non-compliance. The CEE Team continues to raise the awareness of storm water issues to Selfridge employees and residents through training, awareness and outreach programs which promote voluntary actions to prevent storm water pollution. The CEE Team comprised of Mr. Mo Arif, Mr. Mark Paasche, MSgt Timothy Forsys, Ms. Mary Perkins, Mr. Kenneth baker and Ms. Heidi Vogt, were given a recommendation for a TAG Quality Cup Award as part of the outstanding work related to this project.