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## **Surface Water Discharge Permits**

All point source discharges into surface waters are required to obtain a National Pollutant Discharge Elimination System (NPDES) permit which is issued by the Michigan Water Resources Commission upon recommendation by MDNR (now DEQ), Surface Water Quality Division. Permit requirements generally address discharge limitations, effluent characteristics, monitoring and reporting requirements, along with facility management requirements. Currently there are no point source permit holders in Cross Village Township.

## **Air Quality**

Air Quality is monitored by the Air Quality Division of the Michigan Department of Environmental Quality. Standards have been established as acceptable levels of discharge for any of the following air pollutants: particulate matter, sulfur dioxide, nitrogen dioxide, carbon monoxide, ozone, lead, and trace metals. These pollutants are monitored on a continuing basis at selected locations around the state. Monitoring in recent years has shown the level of pollutants in the region to be within the established acceptable standards.

Air discharge permits are required for businesses discharging more than the acceptable level of any of the regulated air pollutants. Within Emmet County there are no known permits issued for business located in Cross Village Township.

## **Summary**

The review of the natural resources in Cross Village Township indicate the natural features and agricultural resources are currently relatively unimpaired; however these resources are extremely vulnerable to change. Residents highly value the natural resources and scenic features of the Township, as indicated in the community survey. The environmental features of Township are an important asset to the community, and need continued protection.