

General Concerns about Data Centers in Michigan

- **Water** - Data centers use massive amounts of water ***daily*** for cooling, up to 10 million gallons a day. Such massive quantities have the potential to deplete aquifers that supply residential wells and municipal water systems that depend on the state's quifers. Two aquifers supply most of the water in the lower penninsula.
- **Noise** - Data Centers run 24/7 & their cooling systems produce noise audible from over a mile away. Backup diesel generators will be even louder when they are needed. The ordinance the city has passed will allow industrial noise levels right next to pre-existing homes and neighborhoods!
- **Vibrations** - Data Center vibrations are caused by the cooling systems, power generators, and server racks. While these vibrations are a concern for the data center itself, it is also a concern for those living nearby as it can damage nearby buildings, as well as adding to the noise pollution from the cooling systems and generators.