

General Concerns about Data Centers in Mason

- **Water** - Data centers use millions of gallons *daily* for cooling. This quantity has the potential to deplete aquifers that supply residential wells and municipal water systems for a large section of the lower section of Michigan. 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** - The city's ordinance doesn't even address the vibrations caused by data centers. 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.