



Government - Municipal Grand Traverse County Dept. of Public Works

THE COMPANY

BlueThermal is a division of Machin Engineering, LLC – a licensed civil engineering firm. BlueThermal uses thermographic imaging to “see” moisture intrusion(s), determine energy efficiency, electrical malfunctions, and mechanical malfunctions.

THE INSPECTION

BlueThermal completed an infrared scan inspection of equipment buildings, electrical service equipment, pumps and motors, piping, valves, etc...

We inspected a water booster station and a sanitary sewer lift station and resulted in the discovery of a few thermal anomalies that should be reviewed further. Those areas were:

- Sewage pump bearing temperature varied between pump #1 and pump #2.
- Water pressure relief valve servicing
- Possible dry contact transformer overload

THE RESULTS

Our results showed Grand Traverse County DPW their systems were within proper operating parameters with the exception of a few areas. This process enabled the parties involved to provide a process for discovery on an economically efficient basis.

