

Update on SCADA Upgrade to Wastewater Lift stations

Public Works Department

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Which stations are part of the upgrade

- Southlake
- Kensington Trails
- Indian Paintbrush
- Bradford
- Masonwood
- Bunton Creek
- Wastewater Treatment Plant

Retrofit of existing lift stations

- Adding ability to remote monitor station status.
- Using existing backbone SCADA infrastructure.
- Adding components to each station to “speak” with current system.

What is monitored

- Pump run status.
- Voltage.
- Power phase.
- Wet well level.
- At WWTP liftstation above items as well as several water quality parameters from the plant itself.

Benefits of upgrade

- More robust detection ability of a potential failure.
- Better monitoring of pump health i.e. efficiency.
- Better preventative maintenance, predicting failures before they happen in many cases.
- Faster response from treatment staff to potential plant upsets.



Typical installation site


