

SCADA System

The Drainage Districts engage in 7 day/24 hr real time monitoring of water elevations and pump stations function within the Districts. The monitoring is performed by a Supervisory Communication and Data Acquisition System (SCADA).

SCADA is a completely automated system of computers, antennas, and repeaters that communicates remotely with radio wave via Ethernet. The system provides redundancy and backup mechanisms to ensure that everything continues to function smoothly, especially in an emergency situation.

The SCADA System allows District Staff to operate the pump station remotely with specially equipped laptops, and immediately detect increasing water levels, or issues with any of the pump stations the Districts manage.

