

Using Cyber Security Evaluation Tool (CSET) for a Wastewater Treatment Plant

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KEYWORDS

Cyber, Security, CSET, Wastewater, SCADA, Evaluation, Tool, Water

ABSTRACT

This presentation will provide information on the assessment process and ultimate recommendations for the new SCADA system at the water treatment plant located in Manchester, CT. The assessment was completed in the Fall of 2011.

The current SCADA system is to be upgraded as part of a \$60 million renovation project which is currently under way at the plant. The need for better cyber security was realized during an incident a few years ago that required the resources of plant staff and the Town Information Services (IS) Department. The presentation will focus on the resources utilized to complete the evaluation tool as well as discuss some issues that arose during the process.

About the Author:



Robert J. Dusza, Jr.: Project & Technical Support Manager for the Manchester Water & Sewer Department. 27 years experience in Water & Wastewater Treatment. Provide Project Management, programming and upgrades for Water and Wastewater Treatment Plant SCADA Systems. Education includes a B.S. in Marine Biology from University of New England, M.S. in Environmental Science & Technology from RPI, Hartford, CT. Class IV Water and Class IV Wastewater Operator Licenses for the State of Connecticut, Certified OPC Professional Certification, Level 2.