



RJN Helps Eugene with Wastewater Information System

The City of Eugene, Oregon awarded RJN with a contract for the implementation of the City's Integrated Wastewater Collection Information System.

RJN provided the City with CASS WORKS® field data collection software and professional services to implement this system. Services included program modifications and data conversion services to extract, convert, and load information from the City's existing computer files into the CASS WORKS database.

The objective of the project was to implement an information system that integrates data to facilitate business functions or work activities of the City necessary for effective planning, construction, operation, maintenance, and administration of the wastewater collection system.

A key near-term objective was in the development of an I/I program.

The City's wastewater collection system consists of approximately 545 miles of pipe with diameters of 6- to 72-inches. The system functions to deliver an average of 30 MGD of wastewater to the Metropolitan Wastewater District's regional treatment plant in north Eugene.

CASS WORKS is installed in a client / server configuration utilizing a SUH Sparcstation database server running across a token ring network with client PCs.

Simultaneously, they are running Microsoft's LAN Manager as a second network. Up to 24 users are able to access the applications at any given time.

CASS WORKS modules provided to the City include Sewer Maintenance Management, Physical Inspection, Hydraulic Modeling, and Maintenance

Forecasting.

In addition, the Image Management Module was provided to allow the City to scan and store existing service connection cards and provide quick and easy access from within CASS WORKS. Additionally, RJN's LineView Laptop TV Inspection System was provided to use in the City's TV inspection vans.

