ICOM3-DSS for a smooth transition to Preventive Maintenance

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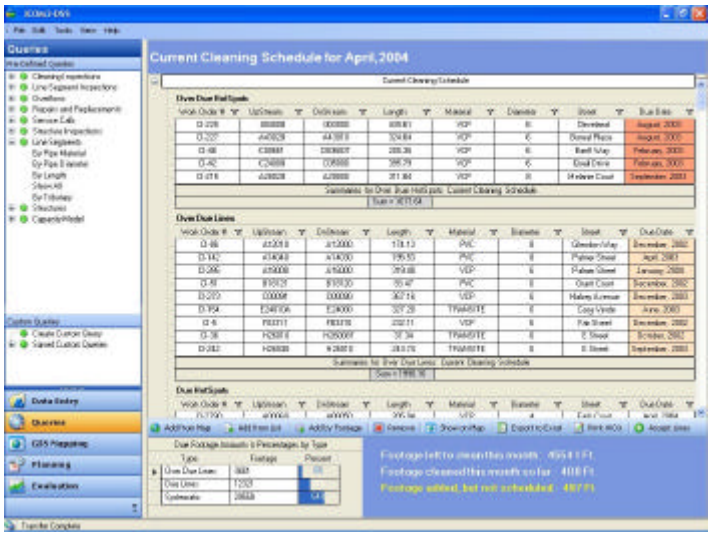
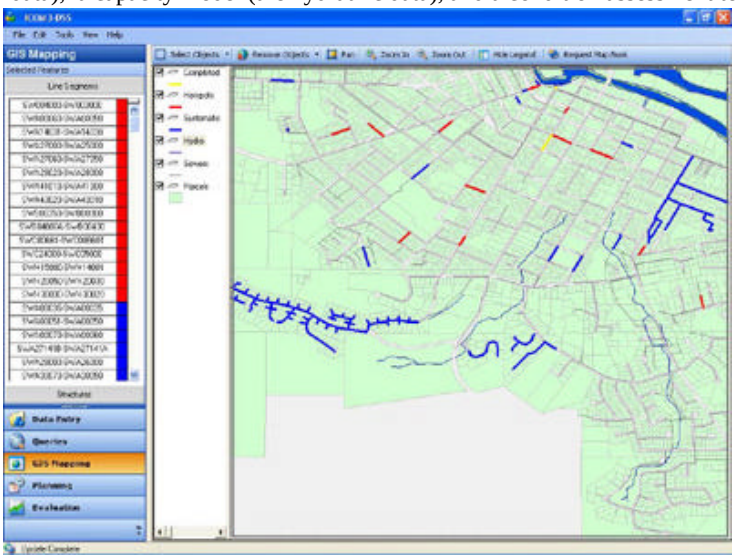
Background: The draft Federal SSO regulations published in October of 1999 reimposed the prohibition of untreated wastewater discharges to the waters of the US. At the same time the regulations recognized that the overflows being incurred were caused by both capacity and maintenance related overflows. Maintenance related overflows; those cause by stoppages and blockages of the collection system, are not as easily definable, and ready solutions are not available without further investigation.



EPA recognized that the elimination of maintenance related overflows in deteriorating sanitary sewer collection systems required increasing system reliability via implementation of improved maintenance methods and timely and effective action to repair/replace failing lines. They defined a CMOM program as the means of organizing, implementing, monitoring, tracking and reporting on system performance. They further defined the program as dynamic to encourage productive and innovative changes that would reduce annual maintenance costs and improve system reliability to finally achieve a goal of no overflows. That is ICOM3-DSS.

The Tools of CMOM – introducing ICOM3-DSS ™ The tools of the CMOM program include a system map (the physical data), a capacity model (the hydraulic data), and a condition assessment tool (damage evaluation and imaging). These tools plus data evaluation tasks are ICOM3-DSS.



ICOM3-DSS is the CMOM Decision Support System integrating information from Geographic Map Systems, Capacity Models, and Condition assessment and Data Collection Tools into a dynamic display system where this data is converted into useful information **speeding the decision process** and supporting the underlying policies, procedures, practices and philosophies of an effective CMOM program.

ICOM3-DSS provides the dynamic interface needed to continually update information on system deterioration, maintenance activities, system performance and defines needed and necessary repairs/replacements actions to avoid the generation of new overflow conditions.

ICOM3-DSS provides an immediate and smooth transition to a preventive and productive maintenance mode without the need for additional personnel. This unique multi-user platform of linked programs can be installed on an in-house dedicated server or it can be remotely hosted.

Some routine task reports from the system include:

- Monthly reports on the unit costs of performance of maintenance activities
- Annual report summaries showing the number and unit costs of Service Calls, Cleaning, Overflow Response, Repairs/Replacements, Video Inspection/Condition Assessment
- Annual Report on System Damage and Costs
- Forecasts of CIP needs and Cost.

Let ICOM3-DSS assist you in the efficient development of your CMOM Program.

To find out more, visit us at: ***www.icommm.com***