DEQ's EDMS Project

What an Environmental Data Management System Means to You (and to DEQ)

November 5, 2015
EQC Meeting

DEQ
State of Oregon
Department of Environmental Quality

The Basics: What is an EDMS?

EDMS stands for an Environmental Data Management System.

The software has 2 major interfaces.

1) Web portal for clients and public to interact with DEQ. Examples, submit permit data, compliance data, public comment, access information about permits and other DEQ functions.

2) Internal interface that stores information like permit, inspection, compliance, ambient and other data sets. Provides work flow and status tracking, reporting to exchange network, mobile inspections, compliance monitoring and invoicing.

Don't we have this now?
No

- Current systems are not integrated.
- Many existing systems are old and expensive to maintain.
- Systems currently don't allow for electronic reporting to DEQ from clients or in some cases from DEQ to EPA through the exchange network.

Some benefits of an EDMS

- DEQ will be able to make data and information readily available to clients and staff
- DEQ will save money through more effective and efficient process, some which are currently manual becoming automated.
- External clients will have more access to help themselves to information and online payment options.
- Provide mobile applications for staff in the field to perform their jobs
- Provide single statement to clients of the amount they owe DEQ's multiple programs.

How we got here

We have discussed data systems replacement for more than 10 years. Utilizing program centric systems that cannot exchange information between the systems or the public isn't practical, isn't cost effective and doesn't meet the future business needs.

The project has roots in CROMERR, when the team realized the potential of a commercial, off-the-shelf replacement system.

DEQ
State of Oregon
Department of
Environmental
Quality

EDMS Governance Committee

DEQ created an internal study group to develop recommendations

DEQ Advisory Information Technology Managers group approved the recommendations, including going forward with exploring an EDMS.

Deputy Director appointed a Governance Committee to develop Project Scope, Charter, and required documents required by DAS

The Governance Committee is:
- Preparing the business case to obtain approval from DAS
- Developing project timeframe and budget
- Writing a Request for Information for a change-management contract
- Talking with other states and vendors

What you need to know

- DEQ is moving toward an integrated data management system (add in link to get the recommendations report)

- DEQ is evaluating which systems will be replaced

- Recognizing this is a large change for the agency, we are working towards an RFI to enlist the help of a consultant for change management

DEQ
State of Oregon
Department of Environmental Quality

Questions?