

DEPARTMENT OF ENVIRONMENTAL QUALITY

OFFICE OF INFORMATION TECHNOLOGY

FY 2005 GOALS

IT STRATEGIC GOAL:

Support the Department of Environmental Quality's mission by providing DEQ, regulated entities, and the public with simple access to accurate information that answers environmental questions and improves the way DEQ does business. We will accomplish this by:

- Provide technical support for business decisions by using the principles of Environmental Information Management Initiative (EIMI).^{EIMI}
- Ensure DEQ network resource availability and functionality in support of DEQ business processes.
- Support the development and evolution of technology and information standards that can have benefit DEQ and it's mission.
- Provide support to DEQ by providing IT tools and resources that can enhance programs with a coordinated effort when every possible.

FY05 IT ANNUAL GOALS:

1. Provide technical support, and leadership in selecting and implementing an electronic document management system to be made available for all divisions and programs of DEQ.^{EIMI}
2. Develop a technical proposal for the development and promulgation of mobile computing on a department-wide basis.

This will include bringing wireless nodes into DEQ buildings for local, secure, wireless access to the DEQ network. We will also continue to investigate wireless access for DEQ employees while doing fieldwork. IT will also begin full support of DEQ PDA computing devices as it relates to mobile computing.

3. Successfully flow Facility Registration System and National Emissions Inventory data to the EPA Central Data Exchange. Facilitate additional flows as business needs arise.
4. Assist in the modernization of the Drinking Water Information System (SDWIS) by providing Project management and programming services.

5. Assist in the modernization of the Air Quality Information System by providing Project management expertise and assisting in contracting for other needs.
6. Assist in the modernization of the Radiation Control X-Ray information system by providing systems analysis and programming services.
7. Provide leadership to the FRS information exchange by evaluating and implement a replacement concept for the DEQ CIM database.
8. Coordinate the Strategies for WEB development and design.

Working with the Office of Planning, we will assist with technical expertise by participating on committees and working groups.

9. Optimize and simplify database and middleware support.
10. Place additional emphasis on internal and external IT employee training.
11. Continue with modernization program on network infrastructure.

DEQ network servers are being replaced on a rotational basis. We will continue this rotation and will replace and upgrade other 'backroom' hardware for items such as hubs, routers, switches, etc. DEQ will continue to implement hardware with built in redundancy and fault tolerance. DEQ IT will begin an investigation of the viability of LINUX as a network operating system.

12. Review and optimize internal IT practices to enhance quality and timeliness of internal customer support.
 - Deployment of applications and other software using the NetWare application launcher.
 - Adopt standard application navigation
 - Adopt standard application and database standards focused on compliance/flexibility.
 - Deployment of third party and non-DEQ standard software.
13. Develop, maintain, modify and enhance existing information systems and new information systems as approved by the EIMI process.
14. Support the State of Utah strategic IT goals and objectives as defined by the Chief Information Officer.

15. Support the state enterprise initiatives as they apply to DEQ.

IT BUDGET PRIORITIES (Requests):

I am requesting additional funding to be budgeted into FY05 and beyond for the purpose of technical training of the IT Staff. Information Technology staff must be able to stay 'on top' of technology and attending classes and training is essential to our success request that each IT employee be funded for two weeks of training each year (each week = \$1500). We are currently partially funded for training.

New funding request: additional \$20,000

In conjunction with the above request, I request an increase of the Out-of-State travel ceiling for Information Technology. I believe that we should take advantage of in-state training opportunities whenever possible, but many opportunities require travel. Our goal will be to receive at least 50% in state training.

New funding request: additional \$10,000

The Office of Information Technology will implement a new project this next year to bring building wireless access points to the DEQ facilities. This will enable mobile, secure computing for Directors and Managers with PDA's, Laptops and Tablet PC's.

New funding request: \$3,000

I request a funding level of DEQ network support that will allow all common, network devices (servers, disk arrays, hubs, power supplies, etc.) can be funded through the office of Information Technology. We have made great progress in this area over the last few years. We need to continue down this path and fully fund this endeavor.

New funding request: additional \$20,000

For FY06, I am requesting 2 additional FTE's assigned to the Office of Information Technology.

One FTE will be assigned to the network support team. This two-person team is grossly understaffed and cannot complete the tasks that are assigned and required. Creative assigned time schedules and tasks have helped but this required job function for DEQ must have additional help for the future enhancement of the DEQ infrastructure and ongoing support of the existing topology.

New funding request: \$87,000

Another FTE will be assigned to the programming support team. Programs within DEQ are in great need of programming development. This additional FTE will allow the Office of Information Technology to be of assistance to the individual divisions and programs in

a more responsive manner. We are currently over 18 months out in our ability to assist when a business request is made to our Office. This request will greatly enhance the environmental programs within DEQ.

New funding request: \$87,000

IT LEGISLATIVE PRIORITIES:

None