Introduction

- We are applying an Enterprise approach to environmental processes
- Sampling demonstrates this approach
Agenda

- Enterprise Approach
- Achieving Breakthrough Performance
- Environmental Examples
  - Environmental Sampling tool
- Integration
- Lessons learned
- Benefits
Up tempo operations and increased requirements to achieve CNO objectives (readiness, quality of life and quality of work) must be met with decreased resources.
Enterprise Solutions Approach

Business Process Improvement

Foundation Transaction Processing System

DOD Standard Facilities, Infrastructure, and Environment Database

Technology Tools: GIS, CADD, EDM, DBMS
Achieving Breakthrough Performance

Proven approach based on 30 years of helping Public/Private organizations transform their business
Examples of Enterprise Approach Concept

- Activity Based Costing model of Environmental Resources
- Analysis and Documentation of As-Is and To-be Environmental Review Process
  - Business Process Model
  - 100% electronic workflow goal
- Use Case scenarios of Environmental Sampling process
  - Thin client development precursor
Asking ourselves tough questions...

- Are we Compliant?
- Who really needs to be Compliant?
- What does it cost to be Compliant?
- How can we maintain Compliance?
- How can we eliminate non-Compliant processes?
Our Compliance Concept

- Environmental Compliance “Work” includes more than just Inspections:
  - Inspections
  - Permits
  - Plans
  - Reports
  - Instructions
  - Regulations
  - Checklists
  - Etc.
Where does Sampling fit?

- Plan projects
- Define limits
- Provide definitions
- Describe physical boundaries
- Tell a story
- Answer questions

= Maintain Compliance
Sampling Process

1. Identify Requirement
2. Create/update specifications
3. Generate request and work item
4. Obtain contract approval
5. Send order to Lab
6. Receive data
7. Review Results
8. Complete Compliance reporting requirements
Sampling thin client tool

- NMCI drives us to thin client
  - Economical driver
  - Enhancement? Constraint?
- Other reasons for web development
  - Task Force Web
  - FAM
- Sampling function is a critical tool, but dependant on many factors
Sampling Integration

- Laboratory
  Communicate schedule

- GIS Draw Maps

- Compliance
  Manage work

- RGO
  Generate reports

- Contracts
  Approval for Work

SAMPLING
What’s Next?

- Develop more fully integrated tools
Challenges

- Difficult to develop sound improvements in a continuously changing environment
  - New requirements emerge
  - Mitigation: Define existing and anticipate future requirements before applying the technical solutions
- Should we wait to develop when change decreases?
  - Mitigation: Implement improvements that offer the highest return on investment
Lessons Learned

- May not be able to grow when resources reduced, but opportunities for improvement still exist
  - Focus on increasing efficiencies (i.e. decrease job time)
- Continue to gather data that will justify resources
  - Compliance priorities
- Get into planning mode
  - Proactive instead of reactive
- Maintain bigger picture approach (Enterprise)
  - develop commonalities first, then identify differences
  - Long term vision encourages web based environments
- Develop a “common vision” of the functional requirements
- Define the requirements before applying the technical solutions
Benefits

- Updated technology
- 100% Electronic Workflow (paperless)
- Improved justification of environmental budget requirements
- Prevention instead of reaction
- Informed decisions based on data (maintain and plan)
- New development critical to environmental performance and across enterprise