



U.S. Army Corps of Engineers

# NRM Sub-CoP Environmental Compliance

## Agenda

### Program Overview

#### What's Hot?

- OMBIL – EC MODULE
- Performance Measure & Indicator
- Environmental Management Systems (EMS)
- Spill Prevention, Spill Response & Notification
- Outgrant/Leasee Compliance

1



U.S. Army Corps of Engineers

# NRM Sub-CoP Environmental Compliance

## Environmental Compliance Business Program Mission

Assure that all USACE facilities and associated lands (including outgrants) meet environmental standards contained in relevant Federal, state and local laws and regulations.

### *USACE Environmental Operating Principles*



**Strive to Achieve Environmental Sustainability.** An environment maintained in a healthy, diverse and sustainable condition is necessary to support life.

**Consider Environmental Consequences.** Recognize the interdependence of life and the physical environment. Proactively consider environmental consequences of Corps programs and act accordingly in all appropriate circumstances.



**Seek Balance and Synergy among human development activities and natural systems** by designing economic and environmental solutions that support and reinforce one another.

**Accept Responsibility.** Continue to accept corporate responsibility and accountability under the law for activities and decisions under our control that impact human health and welfare and the continued viability of natural systems.



**Mitigate Impacts.** Seeks ways and means to assess and mitigate cumulative impacts to the environment; bring systems approaches to the full life cycle of our processes and work.

**Understand the Environment.** Build and share an integrated scientific, economic, and social knowledge base that supports a greater understanding of the environment and impacts of our work.



**Respect Other Views.** Respect views of individuals and groups interested in Corps activities, actively listen, and learn from their perspective in the search to find innovative win-win solutions to the nation's problems, solutions that also protect and enhance the environment.

2



U.S. Army Corps  
of Engineers

## NRM Sub-CoP Environmental Compliance Program Overview

- ❖ Operations Project Managers are responsible and accountable for environmental compliance at their facility, including funding deficiency corrections
- ❖ Program established in 1991 - consistent with DoD and Army environmental compliance policy and guidance
- ❖ Program fundamental elements
  - ✓ Network of Environmental Compliance Coordinators (ECC)
  - ✓ ECCs at MSC, Districts, Projects/Facilities
  - ✓ Annual environmental compliance assessments. External assessments every five years. Internal assessments conducted annually (except the year of the external)

3



U.S. Army Corps  
of Engineers

## NRM Sub-CoP Environmental Compliance Program Overview

- ❖ Compliance assessment protocols developed and updated annually. Available electronically through DENIX on-line
- ❖ Environmental compliance data is maintained in the Operations and Maintenance Business Information Link (OMBIL) system
- ❖ Environmental compliance performance measures track the rate of correction for compliance deficiencies (Significant & Major)
- ❖ Environmental performance indicator tracks completion of assessments

4



U.S. Army Corps  
of Engineers

## NRM Sub-CoP Environmental Compliance OMBIL

- ❖ Extracts performance-based management information from O&M Systems, Budget and Financial Systems
- ❖ Places the information in Executive Information Summaries
- ❖ Provides the information on the Corps Intranet for review, analysis and use in decision making
- ❖ Three Technical Components
  - ✓ On-Line Transaction Systems
  - ✓ Datamart
  - ✓ Graphical User Interface

5



U.S. Army Corps  
of Engineers

## NRM Sub-CoP Environmental Compliance OMBIL

- ❖ All modules are linked - data shared by all business functions
- ❖ Coordination required before deleting or changing data, and adding items to any pick list (OMBIL POC/SME & System Admin)
- ❖ Assessments must be entered - even if no findings are identified – feeds the performance indicator results
- ❖ Data must be locked to ensure accurate performance measure results

6



U.S. Army Corps  
of Engineers

## NRM Sub-CoP Environmental Compliance

### Performance Measure & Indicator

- ❖ Performance Measure - Correction of Significant & Major compliance findings/deficiencies
- ❖ Performance Indicator - Completion of Assessments
- ❖ Results rolled up in OMBIL

7



U.S. Army Corps  
of Engineers

## NRM Sub-CoP Environmental Compliance

### Results FY 2000-2004



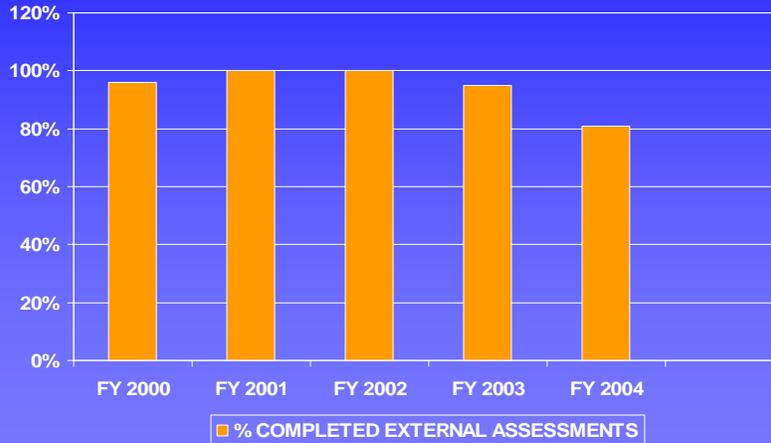
Performance Targets are 100% for Significant Findings - 75% for Major Findings  
Excludes Findings on Outgrants/Leased Areas

8



U.S. Army Corps  
of Engineers

## NRM Sub-CoP Environmental Compliance Indicator Results FY 2000-2004



Performance Target - 100%  
Includes External Assessments of Outgrants/Leased Areas

9



U.S. Army Corps  
of Engineers

## NRM Sub-CoP Environmental Compliance EMS Implementation

- ❖ EMS Implementation at Civil Works Appropriate Facilities by 31 December 2005 (as per E.O. 13148)
- ❖ E.O. 13148 – April 2000 states in Section 401(a) ...  
By December 31, 2005, each agency shall implement an environmental management system at all appropriate agency facilities based on facility size, complexity, and the environmental aspects of facility operations
- ❖ 36 Civil Works facilities designated Appropriate

10



U.S. Army Corps  
of Engineers

## NRM Sub-CoP Environmental Compliance EMS Implementation

- ❖ EMS Implementation Information available on-line at NRM Gateway EMS Page - <http://corpslakes.usace.army.mil/>
- ❖ EMS support and maintenance given priority in future budget requests
- ❖ Omaha District Programmatic EMS Implementation Underway for CW & MP Activities

11



U.S. Army Corps  
of Engineers

## NRM Sub-CoP Environmental Compliance EMS Appropriate Facilities

- ❖ PORTLAND MOORINGS SHIPYARD - NWP
- ❖ ENSLEY ENGINEER YARD - MVM
- ❖ APALACHICOLA-CHATTAHOOCHEE-FLINT SYSTEM-SAM
  - ✓ GEORGE W. ANDREWS L&D
  - ✓ JIM WOODRUFF L&D
  - ✓ LAKE SEMINOLE
  - ✓ WALTER F. GEORGE LAKE
- ❖ MOUNT MORRIS DAM - LRB
- ❖ LIBBY DAM - NWS
- ❖ NEW HOGAN LAKE - SPK
- ❖ INDIANA HARBOR - LRC

12



U.S. Army Corps  
of Engineers

## NRM Sub-CoP Environmental Compliance EMS Appropriate Facilities

- ❖ MID-BRAZOS PROJECT – SWF (7 Facilities)
  - ✓ AQUILLA LAKE
  - ✓ HORDS CREEK LAKE
  - ✓ O.C. FISHER LAKE
  - ✓ PROCTOR LAKE
  - ✓ SOMERVILLE LAKE
  - ✓ WACO LAKE
  - ✓ WHITNEY LAKE
- ❖ GRENADA LAKE (YOUNGS LANDING) - MVK
- ❖ GRAHAM BURKE PUMPING PLANT - MVM
- ❖ HUXTABLE PUMPING PLANT - MVM
- ❖ FORT PECK PROJECT - NWO
- ❖ FORT RANDALL PROJECT - NWO

13



U.S. Army Corps  
of Engineers

## NRM Sub-CoP Environmental Compliance EMS Appropriate Facilities

- ❖ OAHE DAM - NWO
- ❖ GARRISON DAM - NWO
- ❖ BONNEVILLE DAM - NWP
- ❖ JOHN DAY DAM - NWP
- ❖ THE DALLES DAM - NWP
- ❖ ALBENI FALLS - NWS
- ❖ CHIEF JOSEPH DAM PROJECT - NWS
- ❖ ICE HARBOR - NWW

14



U.S. Army Corps  
of Engineers

## **NRM Sub-CoP Environmental Compliance**

### **EMS Appropriate Facilities**

- ❖ LOWER MONUMENTAL - NWW
- ❖ McNARY DAM - NWW
- ❖ HARTWELL DAM & LAKE - SAS
- ❖ J. STROM THURMOND PROJECT - SAS
- ❖ FORT GIBSON LAKE - SWT
- ❖ ROBERT S. KERR LOCK & DAM - SWT

15



U.S. Army Corps  
of Engineers

## **NRM Sub-CoP Environmental Compliance**

### **Spill Prevention, Spill Response & Notification**

- ❖ Facility-specific Spill Plans are required for all facilities and some facilities require extensive Spill Prevention Control & Countermeasure Plan
- ❖ Ensure that plans are current and drilled – Exercise the plan using appropriate methods
- ❖ Coordinate reportable spills/events with District/RBC/MSD

16



U.S. Army Corps  
of Engineers

## **NRM Sub-CoP Environmental Compliance**

### **Outgrant/Leasee Compliance**

- ❖ Activities of lessee/outgrantee using Corps-owned lands could be damaging or destructive to the environment
- ❖ Environmental Compliance Assessments are required for major outgrants.
- ❖ Outgrant assessments may be done in conjunction with Real Estate inspections. (recommended whenever possible)
- ❖ Data/results of Outgrant Assessments also entered into OMBIL EC Module

17



U.S. Army Corps  
of Engineers

## **NRM Sub-CoP Environmental Compliance**

**END OF PRESENTATION FOR CLASS**

**SLIDES THAT FOLLOW - USE IF NEEDED**

18



U.S. Army Corps  
of Engineers

Back-up info if needed – to respond to questions

## NRM Sub-CoP Environmental Compliance

### Criteria for EMS Appropriate Facility Determination

- ❖ HAZARDOUS WASTE COMPLIANCE DOCKET STATUS
- ❖ NPL STATUS
- ❖ HAZARDOUS WASTE GENERATOR STATUS
- ❖ MAJOR SOURCE PERMIT
- ❖ EPCRA TOXIC RELEASE INVENTORY
- ❖ SIGNIFICANT ENDANGERED SPECIES IMPACTS-NEPA
- ❖ SIGNIFICANT NOTICE OF VIOLATION WITHIN PAST 3-Yrs

19



U.S. Army Corps  
of Engineers

Back-up info if needed – to respond to questions

## NRM Sub-CoP Environmental Compliance

### EMS Implementation Metrics

- ❖ **Policy:** Environmental policy statement has been signed and made available to facility personnel and the public
- ❖ **Self-Assessment:** EMS self-assessment has been conducted, documented, and briefed to top management at the facility
- ❖ **Implementation Plan:** A Project Management Plan (PMP) has been developed with defined dates, identified resources, timelines, and organizational responsibilities for implementing the EMS
- ❖ **Prioritized List of Aspects:** A list of environmental aspects consistent with ISO 14001 and EMS policy has been developed, documented, and briefed to the top management at the facility
- ❖ **Training:** Appropriate facility personnel have received EMS training that is consistent with their roles and responsibilities in the EMS and EMS policy
- ❖ **Review:** Top management (or designee) has conducted at least one documented management review in accordance with the facility's written procedure for recurring internal EMS management reviews
- ❖ **EMS In-Place:** Using USACE Team of EMS auditors to review and validate EMS the facility declares that an EMS is in place.

20



U.S. Army Corps  
of Engineers

## NRM Sub-CoP Environmental Compliance



- ❖ Typical Paint Shop - Area where paint is stored, mixed or waste residues are stored requires compliance with numerous federal requirements under Clean Air Act and the Resources Conservation and Recovery Act, Subtitles C and D
- ❖ Federal Requirements relate to Coatings, Cleaners; Hazardous Material Storage; Hazardous Wastes, Rags, Paint Booths, and Paint Removal

21



U.S. Army Corps  
of Engineers



22



23



24