

2002 NATIONAL SITE ASSESSMENT CONFERENCE

US ARMY CORPS OF ENGINEERS
FORMERLY USED DEFENSE SITES (FUDS)

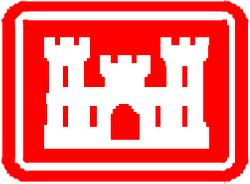
OVERVIEW OF FUDS ELIGIBILITY AND ASSESSMENT PROCESS

14 MAY 2002

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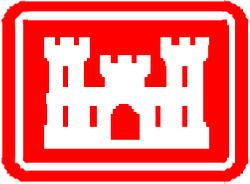
The US Army Corps of Engineers — Formerly Used Defense Sites..



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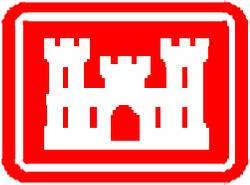
- PURPOSE OF BRIEF
- FUDS PROGRAM OVERVIEW
- ROLE OF US ARMY CORPS OF ENGINEERS
- FUDS ELIGIBILITY AND SITE ASSESSMENTS
- COORDINATION WITH STATE AND STAKEHOLDERS
- SUMMARY



BRIEFING PURPOSE



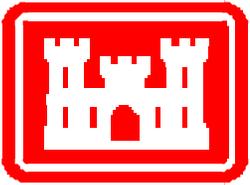
PROVIDE INFORMATION ON FUDS ELIGIBILITY
AND INPR PROCESS.



DERP-FUDS USACE Organization



- PROGRAM MANAGEMENT IS CENTRALIZED AT HQ UNITED STATES ARMY CORPS OF ENGINEERS (USACE)
- PROGRAM/PROJECT EXECUTION IS DECENTRALIZED:
 - 7 Geographic Divisions
 - 18 Districts
- 10 DESIGNATED POTENTIALLY RESPONSIBLE PARTY (PRP) DISTRICTS
- 2 CENTERS OF EXPERTISE (CX):
 - Hazardous Toxic and Radioactive Waste (HTRW)-CX in Omaha, NE &
 - Ordnance and Explosives (OE)-CX in Huntsville, AL

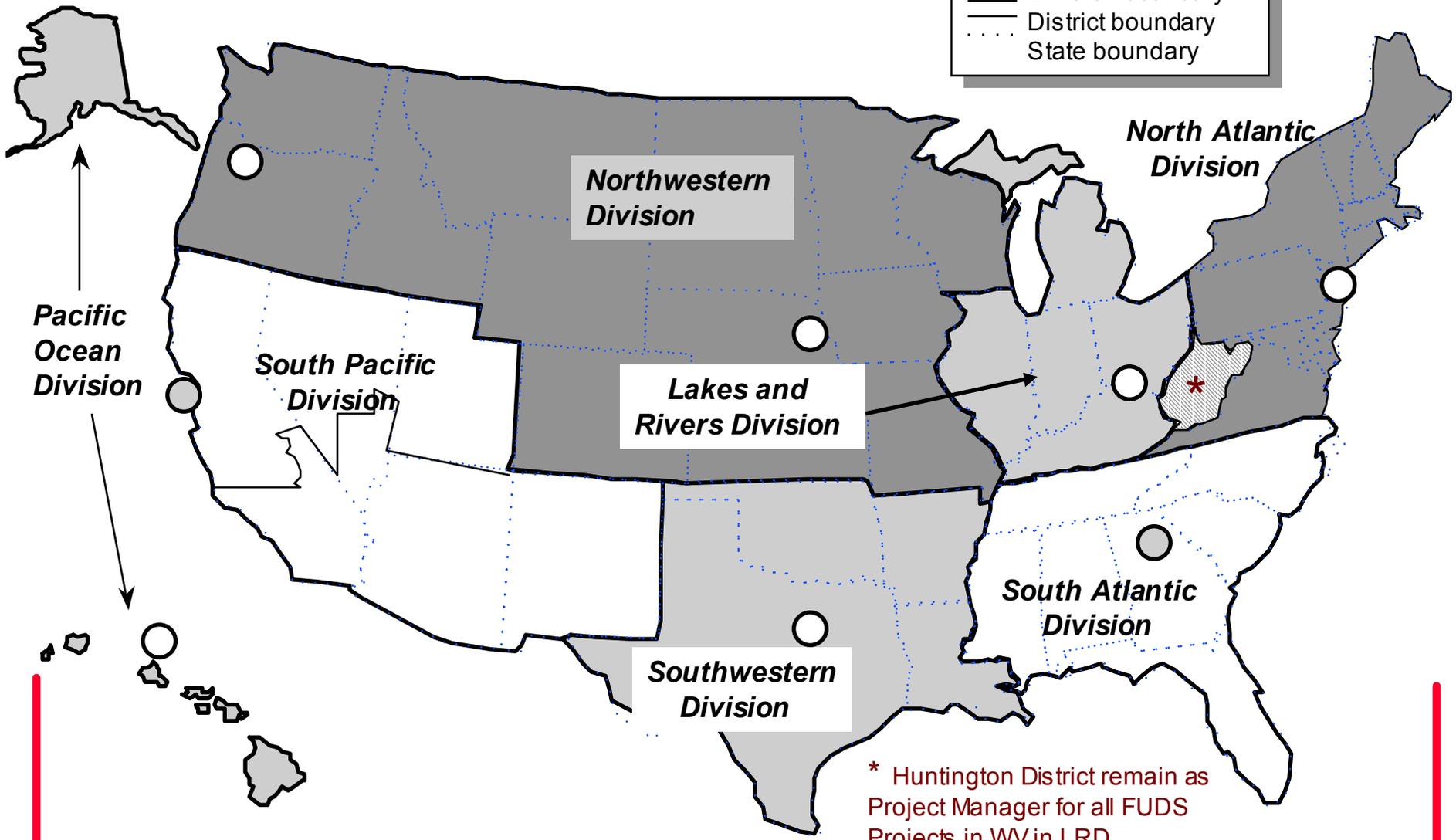


FUDS Program Boundaries



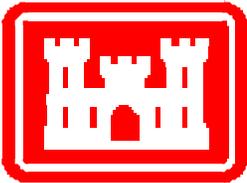
LEGEND:

- Division HQ location
- Division boundary
- - - District boundary
- · · State boundary



* Huntington District remain as Project Manager for all FUDS Projects in WV in LRD

The US Army Corps of Engineers — Formerly Used Defense Sites..



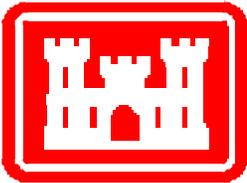
Status of FUDS Properties and Projects (as of October 2001)



- Total Properties in Inventory.....9,182
- Total Properties in Texas Inventory..... 404
- Total Properties Eligible for FUDS Program.....6,745
- Total Properties Eligible in Texas Inventory..... 364
- Properties Requiring Response Actions (29%).....2,827
- Total Projects In Inventory.....4,657
- Total Projects in Texas Inventory..... 283
- Projects Requiring Response Actions (48%).....2,159
- Projects Completed.....2,498

“PROPERTY” IS THE ENTIRE PROPERTY FORMERLY OWNED/
USED BY DoD AND IS GENERALLY ANALGOUS TO “SITE”

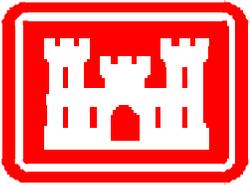
“PROJECT” IS THE INDIVIDUAL AREA OF POTENTIAL
HAZARD, DIFFERENTIATED BY *TYPE OF HAZARD* (HTRW,
OE, BUILDING DEMOLITION/DEBRIS REMOVAL (BD/DR)
AND IS GENERALLY ANALOGOUS TO “OPERABLE UNIT”



DERP-FUDS ASSESSMENT PROCESS: PRELIMINARY ASSESSMENT OF ELIGIBILITY (PAE) AND SITE INSPECTION (SI)



- DERP MIMICS CERCLA PROCESS, BUT FOCUS IS LIMITED TO DoD LIABILITY
- MAJORITY OF FUDS ARE NOT NPL CALIBER
- PAE/SI DIFFERS FROM EPA PA/SI IN THAT HRS IS NOT USED AS THE EVALUATION TOOL, BUT EVALUATION IS ROUGHLY EQUIVALENT
- FUDS SI ASSESSMENTS SAMPLE WHEREVER POTENTIAL DoD HAZARD EXISTS, REGARDLESS OF ENVIRONMENTAL SETTING AND RECEPTORS
- REMEDIAL INVESTIGATIONS ARE CONDUCTED WHEREVER DoD CONTAMINATION IS CONFIRMED DURING SI.
- FORMAL USACE POLICY GUIDANCE NOW ISSUED ON REOPENING INPRs.



DERP-FUDS vs. EPA SITE ASSESSMENT PROCESS



USACE FUDS Program

(PRELIMINARY ASSESSMENT OF ELIGIBILITY)

EPA Site Assessment

(Preliminary Assessment)

PAE NOT = PA
(ENVIRONMENTAL SETTING AND RECEPTOR INFORMATION IS
NOT COLLECTED DURING PAE)....

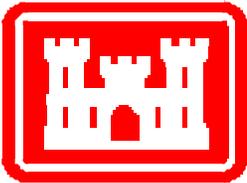
HOWEVER

PAE/SI/RELATIVE RISK = PA/SI/HRS

(SITE INSPECTION)

(HAZARD RANKING SCORE)

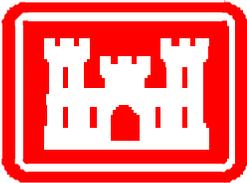
(ALTHOUGH METHODS SOMEWHAT DIFFERENT, SAME
THREATS TO HUMAN HEALTH AND THE ENVIRONMENT ARE
ADDRESSED PURSUANT TO DERP)



PRELIMINARY ASSESSMENT OF ELIGIBILITY (PAE) STEP 1: IS PROPERTY ELIGIBLE UNDER FUDS?

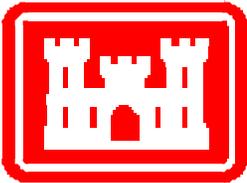


- **PROPERTY IS CATEGORICALLY EXCLUDED IF**
 - OWNED BY UNITED SERVICES ORGANIZATION (USO)
 - A RECRUITING CENTER
 - A CEMETERY
- **PROPERTY IS INELIGIBLE UNDER FUDS PROGRAM IF:**
 - OUTSIDE THE JURISDICTION OF THE US.
 - EXCESS TO DoD BUT NOT YET TRANSFERRED
 - ARMY, NAVY, AIR FORCE, DLA HAS INITIATED RESTORATION ACTIVITIES
 - DEFENSE PLANNING CORP PROPERTY W/ DEPT OF COMMERCE CERCLA LIABILITY
 - CORPS OF ENGINEERS CIVIL WORKS PROPERTY, UNLESS PREVIOUSLY UNDER MILITARY CONTROL
 - CONTAMINATED BY ACT OF WAR
 - NO RECORDS OF DoD ACTIVITY EXIST
 - PROPERTY IS OFF-SHORE



PAE (cont'd)
STEP 2: IS PROJECT ELIGIBLE UNDER FUDS?

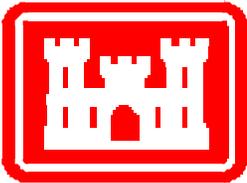
- **AN ELIGIBLE PROPERTY WOULD RESULT IN NO DoD ACTION (i.e., PROJECT IS INELIGIBLE) IF:**
 - NO HAZARD EXISTS
 - HAZARD EXISTS BUT IS NOT DoD IN ORIGIN
 - CURRENT OWNER REFUSES RIGHT OF ENTRY (RECONSIDERED IF OWNERSHIP CHANGES)
 - REMEDY OF HAZARDS FROM CIVIL WORKS (NON-MILITARY) ACTIVITIES
 - INVESTIGATION/CLEANUP INITIATED OR COMPLETED BY FORMER OR CURRENT OWNER
 - PROJECT INVOLVES ASBESTOS CONTAINING MATERIALS OR LEAD-BASED PAINT, EXCEPT WHEN PART OF OTHER PROPOSED PROJECT
 - SOME OTHER POLICY PRECLUDES A PROJECT



PAE (cont'd)

STEP 3: INVENTORY PROJECT REPORT (INPR)

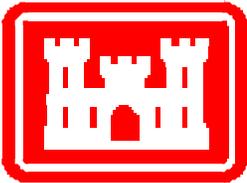
- RESULTS OF THE PRELIMINARY ASSESSMENT OF ELIGIBILITY ARE DOCUMENTED IN THE INPR:
 - PROPERTY VISITS AND REAL ESTATE SEARCHES ARE CONDUCTED AT ALL POTENTIALLY ELIGIBLE PROPERTIES (MORE RIGOROUS THAN EPA PA PROCESS)
 - INPRs COMPLETED ON ALL IDENTIFIED PROPERTIES



CONTENTS OF THE INPR



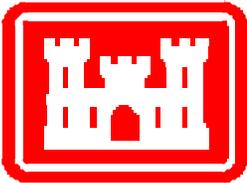
- PROPERTY SURVEY SUMMARY SHEET
 - CURRENT AND FORMER NAMES
 - LOCATION
 - RESULTS OF PROPERTY HISTORY INVESTIGATION (real estate, construction/engineering/planning, historical military files are searched)
 - PROPERTY VISIT SUMMARY
 - CATEGORY OF HAZARD (CONTAINERIZED HTRW (CON/HTRW), BD/DR, HTRW, OE, OR OTHER POTENTIALLY RESPONSIBLE PARTY (PRP)
 - PROJECT DESCRIPTION (if eligible)
 - AVAILABLE STUDIES AND REPORTS
 - POINT OF CONTACT
- FINDINGS AND DETERMINATION OF ELIGIBILITY (FDE) SIGNED BY DIVISION COMMANDER DOCUMENTING PROPERTY ELIGIBILITY



CONTENTS OF THE INPR (cont'd)



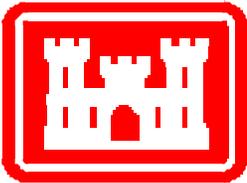
- **ELIGIBLE PROJECT SUMMARY SHEET**
 - PROJECT DESCRIPTION
 - PROJECT ELGIBILITY
 - POLICY CONSIDERATIONS
 - PROPOSED PROJECT
 - PROPOSED ACTIVITY
 - PROJECT POINT OF CONTACT
- **DISTRICT ENGINEER AND DIVISION COMMANDER FORWARDING MEMORANDA STATING CONCURRENCE WITH RECOMMENDATIONS**



SITE INSPECTIONS (SI)



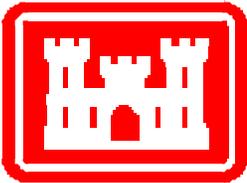
- AN SI IS CONDUCTED IF A POSITIVE INPR RESULTS IN A RECOMMENDED AND APPROVED PROJECT (HTRW and OE). Con/HTRW, BDDR, AND OE HANDLED SEPARATELY
- SI SUBMITTED TO STATES FOR REVIEW.
- FOR OE PROJECTS, AN ARCHIVES SEARCH REPORT (ASR) IS CONDUCTED (ANALOGOUS TO AN SI), DOCUMENTING DoD FIRING AND TESTING ACTIVITY. RISK ASSESSMENT CODE (RAC, 1-5) SCORE IS ASSIGNED AND SENT TO OE DESIGN CENTER FOR CONCURRENCE
- FOLLOWING THE SI, A RELATIVE RISK (H, M, L) BASED ON CONTAMINATION PATHWAYS AND RECEPTORS IS ASSIGNED, FOR PURPOSES OF PRIORITIZING FUNDING FOR REMEDIAL INVESTIGATIONS.



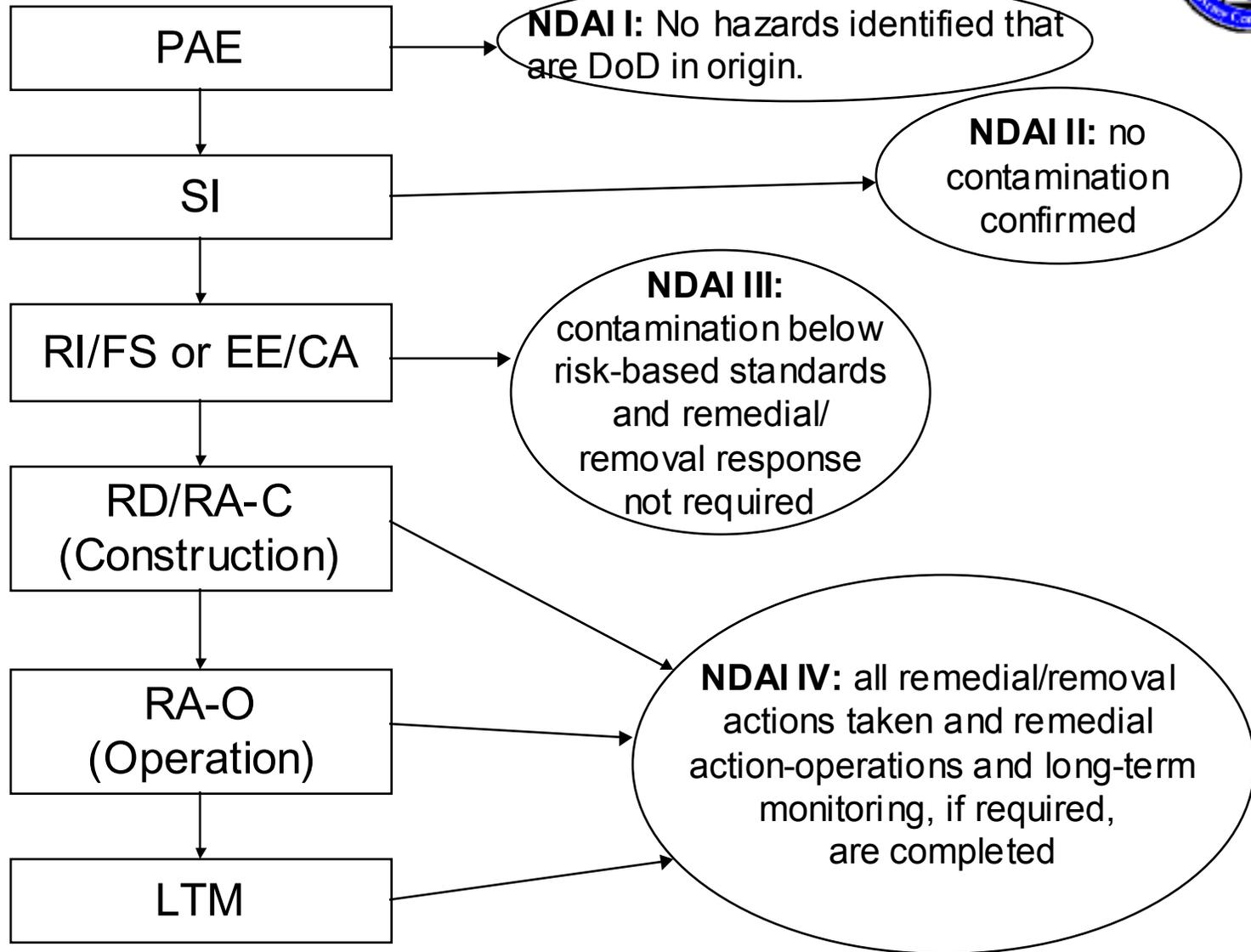
NO DoD ACTION INDICATED (NDAI) DECISION POINTS

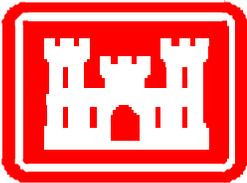


- NDAI INDICATES NO ADDITIONAL DoD ACTION INDICATED.
- TERM CREATED TO CLARIFY DIFFERENCE BETWEEN NO FURTHER ACTION BY ANY PARTY vs. DoD ACTION/FURTHER ACTION AUTHORIZED
- PROJECT COMPLETION REQUIRES FORMAL REGULATORY CONCURRENCE
- NDAI CATEGORY I (NDAI-I) MEANS PROPERTY IS ELIGIBLE BUT THE HAZARD IS NON-DoD IN ORIGIN OR THE PROJECT IS OTHERWISE NOT RECOMMENDED
- NDAI-II MEANS THAT PROJECT WAS APPROVED AND SI WAS CONDUCTED, BUT NO CONTAMINATION WAS CONFIRMED (VIA SAMPLING)
- NDAI-III MEANS RI/FS or EE/CA CONDUCTED BUT CONTAMINATION IS BELOW RISK-BASED STANDARDS
- NDAI-IV MEANS RD/RA CONDUCTED AND ALL REMEDIAL ACTIONS INCLUDING LTM ARE COMPLETE



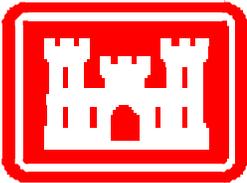
NDAI Categories (State coordination required)





INPR/SI Process Involvement of State and Stakeholders

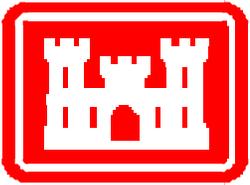
- ALL INPRs AND SI REPORTS ARE AVAILABLE AT MILITARY DISTRICT OFFICES TO REGULATORY AGENCIES UPON REQUEST (MANY HAVE ALREADY BEEN PROVIDED). IN TEXAS, SITE INVESTIGATIONS SUBMITTED TO THE STATE.
- ALL NEW INPRs ARE AUTOMATICALLY BEING FORWARDED TO THE REGULATORS (E.G., RECENT COMPLETION OF 400 INPRs IN CALIFORNIA)
- PROPERTY OWNERS NOTIFIED AS PART OF THE INPR PROCESS.
- FUDS IMPROVEMENT WORKING GROUP, COMPRISED OF EPA, HQ, DEPT OF ARMY, NATIVE AMERICAN, AND STATE REGULATOR REPRESENTATIVES, IS CURRENTLY WORKING TO RESOLVE ADDITIONAL ISSUES (HQ EPA CURRENTLY NOT ATTENDING MEETINGS).



SUMMARY



- THE US ARMY CORPS OF ENGINEERS IS RESPONSIBLE FOR CLEANING UP DEPT OF DEFENSE CONTAMINATION AT FORMERLY USED DEFENSE SITES.
- THIS IS A THREE-PHASE PROCESS:
INVENTORY (AND ELIGIBILITY)
INVESTIGATION
CLEANUP
- THE FUDS PROGRAM IS NOT ADEQUATELY FUNDED TO MAKE SIGNIFICANT PROGRESS AGAINST THE CURRENT REQUIREMENTS AND STAKEHOLDER DEMANDS
- CURRENT MANAGEMENT ACTION PLAN (MAP) PROGRAM WILL ADDRESS ISSUES OF PRIORITY DUE TO INADEQUATE FUNDING OF PROGRAM.



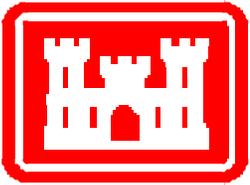
And Finally.....

The more we share
about the FUDS
program, the more
productive our
partnering will be... :



Visit our web site!

<http://hq.environmental.usace.army.mil/programs/fuds/fuds.html>



Any Questions?



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