

**U. S. DEPARTMENT OF ENERGY
WORK BREAKDOWN STRUCTURE DICTIONARY
PART II - ELEMENT DEFINITION**

| | | | |
|---|---|--|--|
| 1. PROJECT TITLE/PARTICIPANT Environmental Management/Bechtel Jacobs Company LLC | | 2. DATE 10/23/02 | 3. IDENTIFICATION NUMBER DE-AC05-98OR22700 |
| 4. WBS ELEMENT CODE 04.03.11.01 | | 5. WBS ELEMENT TITLE Paducah Legacy TSCA Waste | |
| 6. INDEX LINE NO. N/A | 7. REVISION NO. AND AUTHORIZATION Rev 2 | | 8. DATE 01/23/03 |
| 9. APPROVED CHANGES N/A | | | |
| 10. SYSTEM DESIGN DESCRIPTION N/A | | 11. BUDGET AND REPORTING NUMBER N/A | |
| 12. ELEMENT TASK DESCRIPTION | | | |
| WBS GRAPHIC | | | |
| See Attached | | | |
| INTRODUCTION | | | |
| To perform legacy TSCA waste disposition activities in compliance with all applicable rules and regulations. | | | |
| Legacy TSCA Waste Disposal WBS: 04.03.11.01.02 | | | |
| <ul style="list-style-type: none"> ? To provide project management, task and baseline planning, project controls, oversight of subcontractors and technical support for the Paducah legacy TSCA waste disposition activities. ? To sort, sample, characterize, repackage and dispose of all remaining legacy TSCA waste that is currently stored in compliant storage facilities. | | | |
| DOE Primes WBS: 04.03.11.01.04 | | | |
| <ul style="list-style-type: none"> ? To provide a vehicle for the transfer of disposal funds to DOE Prime contracts | | | |
| ACRONYMS | | | |
| BJC Bechtel Jacobs Company, LLC | | | |
| BCP Baseline Change Proposal | | | |
| CX Categorical Exclusion | | | |
| DMSA United States Department of Energy Material Storage Area | | | |
| DOE United States Department of Energy | | | |
| DOT United States Department of Transportation | | | |
| EA Environmental Assessment | | | |
| FFCA Federal Facilities Compliance Agreement | | | |
| FONSI Findings of No Significance Impacts | | | |
| FY Fiscal Year | | | |
| HP Health Physics | | | |
| ISMS Integrated Safety Management System | | | |
| LCB Lifecycle Baseline | | | |
| NCS Nuclear Criticality Safety | | | |
| NEPA National Environmental Policy Act | | | |
| NTS Nevada Test Site | | | |
| ORO Oak Ridge Operations | | | |
| PACE Paper, Allied Industrial, Chemical and Energy Worker International Union | | | |
| PBI Performance Based Incentive | | | |
| RAD Radioactive | | | |

| | | |
|--|--|--|
| 1. PROJECT TITLE/PARTICIPANT Environmental Management/Bechtel Jacobs Company LLC | 2. DATE 10/23/02 | 3. IDENTIFICATION NUMBER DE-AC05-98OR22700 |
| 4. WBS ELEMENT CODE 04.03.11.01 | 5. WBS ELEMENT TITLE Paducah Legacy TSCA Waste | |
| RCRA Resource Conservation Recovery Act REA Request for Equitable Adjustment SMO Sample Management Office TSCA Toxic Substances Control Act UE Uranium Enrichment WAC Waste Acceptance Criteria WBS Work Breakdown Structure | | |
| LOGIC RELATIONSHIPS | | |
| Complete the sorting, sampling, characterization, repackaging and disposal of legacy TSCA waste stored in C-337 DMSAs to meet the DSMAs schedule. | | |
| SCOPE DESCRIPTION | | |
| Release Sites and Facilities | | |
| Assessments to be completed – NA | | |
| Actions to be completed – NA | | |
| Past and Future Accomplishments | | |
| Past Accomplishments | | |
| Future Accomplishments | | |
| ? Sort, sample, repackage and characterize all remaining legacy TSCA waste to meet the WAC of the disposal facilities. | | |
| ? Ship all remaining legacy TSCA waste to approved commercial or DOE facilities for disposal. | | |
| Scope (FY 2003 scope through complete) | | |
| TSCA Waste WBS: 04.03.11.01.02 | | |
| ? Provide project integration including task management, project control, baseline planning and BCPs. | | |
| ? Complete the sorting, sampling, characterization and repackaging for disposal at DOE or approved commercial facilities of legacy TSCA waste. | | |
| ? Sort containers and repackage into approved DOT containers | | |
| ? Sample and characterize waste to meet disposal facility's WAC. | | |
| ? Develop and issue characterization reports and waste profiles. | | |
| ? Complete the shipments for disposal to commercial or DOE facilities of all legacy TSCA waste. | | |
| ? Provide oversight of the Waste Operations Subcontractor and other BJC Subcontractors | | |
| ? Provide interface with disposal facilities in contracting services. | | |
| ? Provide technical support for TSCA activities. | | |
| ? Identify, repackage if needed, sample, characterize, prepare characterization report and waste profiles for 250 m3 of PCB waste that is currently in storage for disposal at either NTS or Envirocare (FY02 Carry over). | | |
| ? Prepare DOT papers, load containers, OSSMR package for the shipment of 100 m3 of PCB waste that was characterized in FY 2001(FY02 Carry over). | | |

| | | |
|---|--|--|
| 1. PROJECT TITLE/PARTICIPANT Environmental Management/Bechtel Jacobs Company LLC | 2. DATE 10/23/02 | 3. IDENTIFICATION NUMBER DE-AC05-98OR22700 |
| 4. WBS ELEMENT CODE 04.03.11.01 | 5. WBS ELEMENT TITLE Paducah Legacy TSCA Waste | |
| <p>DOE Primes WBS: 04.03.11.01.04 ? Provide vehicle for the transfer of funds to DOE Contracts</p> <p>Safety and Health Work Performance</p> <p>Introduction to the section</p> <p>It is the core value of BJC that the safety and health of every worker and the public at large, and our environment, are the most important assets we are entrusted to protect. To accomplish this, an ISMS, based on DOE's ISMS, has been implemented that incorporates the Five Core Functions and is based on the Seven Guiding Principles. The objective of ISMS is to systematically integrate safety and environmental protection into the planning and execution of all work activities. The term safety encompasses Nuclear Safety, Industrial Safety, Industrial Hygiene, Occupational Health, HP, and environmental issues. ISMS requirements flow-down to BJC subcontractors. The Five Core Functions are: (1) Define the scope of work, (2) Analyze hazards, (3) Develop and implement hazard controls, (4) Perform work within controls, and (5) Provide feedback and continuous improvement. The Seven Guiding Principles are (1) Line Management Responsibility for Safety, (2) Clear Roles and Responsibilities, (3) Competence commensurate with responsibility, (4) Balanced Priorities, (5) Identification of Safety Standards and Requirements, (6) Hazard Control Tailored to Work Being Performed, and (7) Operations Authorization.</p> <p>Before a subproject begins, several activities must be completed that demonstrate all involved in the project have completed rigorous health and safety reviews and that all potential hazards of doing the work have been identified. The routine activities are conducted in accordance with standard operating procedures, activity hazard analyses, and Integrated Safety Management plans. Non-routine work will require a readiness assessment as necessary to ensure complete health, safety, and environmental reviews prior to work start. This assessment is conducted by people, experienced in similar kinds of work, with the right to examine all aspects of a project about to commence, and require that the project team provide documented evidence that any applicable requirements of the job have been met.</p> <p>REQUIREMENTS/DRIVERS</p> <p>BJC Contract DE-AC05-98OR22700, December 18, 1997 ISMS Description, BJC/OR-87, Revision 1, April 1999. Paducah Waste Operations Subcontract 23900-BA-RM005F. DOE Order 435.1 "Integrated Safety Management System Description, BJC-GM-1400, Revision 2, October 2001 and Integrated Safety Management System Supplement, BJC-GM-1401, Revision 0, December 2000" Safety Analysis Report KY/EM-174, January 1997 UE TSCA FFCA, KY/E-119, March 1992</p> <p>As applicable, indicate other regulatory-related requirements. CERCLA: N RCRA: N DNFSB: N DOE Orders: Y AEA: N UMTRCA: N State: N Other: Y</p> <p>WASTE VOLUMES Please see attached waste performance metrics, as applicable.</p> <p>PROJECT SCHEDULE Please see attached project summary schedule, project detail schedule, and Milestone Status Summary Report.</p> | | |

| | | |
|--|--|--|
| 1. PROJECT TITLE/PARTICIPANT Environmental Management/Bechtel Jacobs Company LLC | 2. DATE 10/23/02 | 3. IDENTIFICATION NUMBER DE-AC05-98OR22700 |
| 4. WBS ELEMENT CODE 04.03.11.01 | 5. WBS ELEMENT TITLE Paducah Legacy TSCA Waste | |
| EXECUTION YEAR BASELINE Please see attached Budgeted Cost of Work Scheduled Plan. BASELINE BY YEAR Please see attached Baseline by Year Report. | | |