

PHASE BASED HTRW WBS

Second Level

Phases						Optional Subproject Level						2nd	3rd	4th	Environmental Management	
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	i	a	b	c	d	e	X	Lvl	Lvl	Lvl	(Environmental Restoration & Waste Management)
PA/SI RI/FS RD RA O&M PSLM (CERCLA TERMS - REF. DICTIONARY FOR OTHER)						Any Alpha except i or x IRA All (Ref. Dictionary for explanation)										
X	X	X	X	X	X								.01			PROGRAM MANAGEMENT, SUPPORT & INFRASTRUCTURE (OPTIONAL) (Installation / Complex Wide Activities)
X	X	X	X	X	X								.02			PROJECT MANAGEMENT & SUPPORT (Operable Unit/Solid Waste Management Unit)
X	X	X	X	X	X								.03			PREPARATION OF PLANS
X	X	X											.04			STUDIES/DESIGN & DOCUMENTATION
X	X	X	X	X	X								.05			SITE WORK
X	X	X											.06			PRE-REMEDIAL SURVEILLANCE & MAINTENANCE
X	X	X	X	X	X								.07			INVESTIGATIONS & MONITORING/SAMPLE COLLECTION
X	X	X	X	X	X								.08			SAMPLE ANALYSIS
X	X	X	X	X	X								.09			SAMPLE MANAGEMENT/DATA VALIDATION/DATA EVALUATION
	X	X											.10			TREATABILITY/RESEARCH & DEVELOPMENT
			X	X									.11			TREATMENT PLANT/FACILITY (Construction/Operations are exclusive of Treatment Specific Elements included with the Technologies WBS .21 -.30)
			X	X	X								.12			STORAGE FACILITY
			X	X	X								.13			DISPOSAL FACILITY
			X	X									.14			ORDNANCE & EXPLOSIVES REMOVAL & DESTRUCTION (CWM IS INCLUDED IN WASTE MANAGEMENT WBS .11 & Technologies WBS .21-.30)
X	X	X	X	X	X								.15			DRUMS/TANKS/STRUCTURES/MISC DEMOLITION & REMOVAL
			X	X									.16			AIR POLLUTION/GAS COLLECTION & CONTROL
			X	X									.17			SURFACE WATER/SEDIMENTS CONTAINMENT, COLLECTION, OR CONTROL
			X	X									.18			GROUNDWATER CONTAINMENT, COLLECTION, OR CONTROL
			X	X									.19			SOLIDS/SOILS CONTAINMENT (e.g., CAPPING) COLLECTION, OR CONTROL
			X	X									.20			LIQUID WASTE/SLUDGE (e.g., UST/AST) CONTAINMENT, COLLECTION, OR CONTROL
			X	X									.21			IN SITU BIOLOGICAL TREATMENT
			X	X									.22			EX SITU BIOLOGICAL TREATMENT
			X	X									.23			IN SITU CHEMICAL TREATMENT
			X	X									.24			EX SITU CHEMICAL TREATMENT
			X	X									.25			IN SITU PHYSICAL TREATMENT
			X	X									.26			EX SITU PHYSICAL TREATMENT
			X	X									.27			IN SITU THERMAL TREATMENT
			X	X									.28			EX SITU THERMAL TREATMENT
			X	X									.29			IN SITU STABILIZATION/FIXATION/ENCAPSULATION
			X	X									.30			EX SITU STABILIZATION/FIXATION/ENCAPSULATION
			X	X									.31			FACILITY DEACTIVATION, DECOMMISSIONING, & DISMANTLEMENT
X	X	X	X	X									.32			MATERIAL HANDLING/TRANSPORTATION
X	X	X	X	X									.33			DISPOSAL - COMMERCIAL
X	X	X	X	X	X								.9X			OTHER (Use Numbers 90-99)