Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
						8	**.01**	**.00**			**PROGRAM MANAGEMENT, SUPPORT & INFRASTRUCTURE (OPTIONAL)**
						8	**.01**	**.01**			**Personnel Resources**
						8	**.01**	**.01**	**.01**		Program Planning
						8	**.01**	**.01**	**.02**		Compliance Management
						8	**.01**	**.01**	**.03**		Pollution Prevention Management
						8	**.01**	**.01**	**.04**		Conservation/Environmental Program Management
						8	**.01**	**.01**	**.05**		Meetings and Interfaces
						8	**.01**	**.01**	**.06**		Budgeting and Financial Control/Tracking/Reporting
						8	**.01**	**.01**	**.9x**		Other
						8	**.01**	**.02**			**Program Support**
						8	**.01**	**.02**	**.01**		Training/Certification
						8	**.01**	**.02**	**.01**	**.01**	*HAZWOPER training*
						8	**.01**	**.02**	**.01**	**.02**	*Site orientation/emergency training*
						8	**.01**	**.02**	**.01**	**.03**	*Security training*
						8	**.01**	**.02**	**.01**	**.04**	*Ethics training*
						8	**.01**	**.02**	**.01**	**.05**	*Waste containment, handling, labeling, packaging, transportation and*
						8	**.01**	**.02**	**.01**	**.9x**	*Other training and certification*
						8	**.01**	**.02**	**.02**		Public Affairs/Community Relations
						8	**.01**	**.02**	**.03**		Administrative Support
						8	**.01**	**.02**	**.04**		Procurement and Contracting-Equipment, Material, and Labor
						8	**.01**	**.02**	**.05**		Engineering and Supervision
						8	**.01**	**.02**	**.06**		Surveying and Quality Control
						8	**.01**	**.02**	**.07**		Legal Support/Regulatory Interaction
						8	**.01**	**.02**	**.08**		Medical/Health and Safety
						8	**.01**	**.02**	**.08**	**.01**	*Personnel dosimetry*
						8	**.01**	**.02**	**.08**	**.02**	*Personnel radiation counting*
						8	**.01**	**.02**	**.08**	**.03**	*Personal protective equipment/respirators/ventilators*
						8	**.01**	**.02**	**.08**	**.04**	*Industrial safety (heat, cold, stress, noise, odor monitoring; industrial hygiene, confined space, etc)*
						8	**.01**	**.02**	**.08**	**.05**	*First aid/emergency response*
						8	**.01**	**.02**	**.08**	**.06**	*General safety monitor*
						8	**.01**	**.02**	**.08**	**.07**	*Safety evaluation and investigations*
						8	**.01**	**.02**	**.08**	**.08**	*Dosimetry system (electronic and thermoluminescence dosimeter reader)*
						8	**.01**	**.02**	**.08**	**.09**	*Instrument calibration, Health and Safety QA/QC*
						8	**.01**	**.02**	**.08**	**.10**	*Medical examination*
						8	**.01**	**.02**	**.08**	**.11**	*Portal or access monitoring*
						8	**.01**	**.02**	**.08**	**.12**	*Criticality Safety Program*
						8	**.01**	**.02**	**.09**		Consulting Costs
						8	**.01**	**.02**	**.10**		Human Resources
						8	**.01**	**.02**	**.9x**		Other
						8	**.01**	**.03**			**Program Infrastructure**
						8	**.01**	**.03**	**.01**		Cost of Ownership
						8	**.01**	**.03**	**.01**	**.01**	*Rent for office space and housing*
						8	**.01**	**.03**	**.01**	**.02**	*Fixed costs related to environmental work*
						8	**.01**	**.03**	**.01**	**.03**	*Ownership of temporary construction facilities*
						8	**.01**	**.03**	**.01**	**.9x**	*Other*
						8	**.01**	**.03**	**.02**		Interest and Fees and Cost of Money
						8	**.01**	**.03**	**.03**		Reserved for Future Use
						8	**.01**	**.03**	**.04**		General and Administrative
						8	**.01**	**.03**	**.05**		Award Fee
						8	**.01**	**.03**	**.06**		Fixed Fee
						8	**.01**	**.03**	**.07**		Support Services
						8	**.01**	**.03**	**.07**	**.01**	*Computer support/hotline*
						8	**.01**	**.03**	**.07**	**.02**	*Cafeteria/food services*
						8	**.01**	**.03**	**.07**	**.03**	*Cleaning/janitorial*
						8	**.01**	**.03**	**.07**	**.04**	*Laundry*
						8	**.01**	**.03**	**.07**	**.05**	*Transportation Services*
						8	**.01**	**.03**	**.07**	**.06**	*Mail Services*
						8	**.01**	**.03**	**.07**	**.07**	*Library Services*
						8	**.01**	**.03**	**.07**	**.08**	*Video and photography*
						8	**.01**	**.03**	**.07**	**.9x**	*Other*
						8	**.01**	**.03**	**.08**		Project Utilities
						8	**.01**	**.03**	**.08**	**.01**	*Telephone usage*
						8	**.01**	**.03**	**.08**	**.02**	*Electrical usage*

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
						8	**.01**	**.03**	**.08**	**.03**	*Sewer usage*
						8	**.01**	**.03**	**.08**	**.04**	*Water usage*
						8	**.01**	**.03**	**.08**	**.05**	*Gas usage*
						8	**.01**	**.03**	**.08**	**.9x**	*Other*
						8	**.01**	**.03**	**.09**		Miscellaneous Project Expenses
						8	**.01**	**.03**	**.10**		Equipment Maintenance and Motor Pool
						8	**.01**	**.03**	**.11**		Traffic Control, and Security (.01.02.08)
						8	**.01**	**.03**	**.11**	**.01**	*Guardhouses*
						8	**.01**	**.03**	**.11**	**.02**	*Access monitoring, protection, and control*
						8	**.01**	**.03**	**.11**	**.03**	*Barricades and barriers*
						8	**.01**	**.03**	**.11**	**.04**	*Administrative controls*
						8	**.01**	**.03**	**.11**	**.05**	*Deployment of guards and security forces*
						8	**.01**	**.03**	**.11**	**.06**	*Traffic control, signs and markers, barricades, road markings, etc.*
						8	**.01**	**.03**	**.11**	**.9x**	*Other*
						8	**.01**	**.03**	**.12**		General Site Maintenance (clear road, remove snow, site cleanup, etc)
						8	**.01**	**.03**	**.13**		Contingency
						8	**.01**	**.03**	**.14**		Taxes
						8	**.01**	**.03**	**.14**	**.01**	*Federal tax*
						8	**.01**	**.03**	**.14**	**.02**	*State tax*
						8	**.01**	**.03**	**.14**	**.03**	*Local or county taxes*
						8	**.01**	**.03**	**.14**	**.04**	*Sale taxes*
						8	**.01**	**.03**	**.14**	**.9x**	*Other*
						8	**.01**	**.03**	**.15**		Insurance
						8	**.01**	**.03**	**.16**		Work Force Transition
						8	**.01**	**.03**	**.16**	**.01**	*Orderly progression from operations to shutdown*
						8	**.01**	**.03**	**.16**	**.02**	*Staff reduction*
						8	**.01**	**.03**	**.16**	**.03**	*Re-assignment/training*
						8	**.01**	**.03**	**.16**	**.04**	*Key employee retention/incentive programs*
						8	**.01**	**.03**	**.16**	**.9x**	*Other*
						8	**.01**	**.03**	**.17**		Fire Protection
						8	**.01**	**.03**	**.18**		Refueling Station/Maintenance Shop
						8	**.01**	**.03**	**.19**		Asset Recovery
						8	**.01**	**.03**	**.20**		Contractor Transition Cost
						8	**.01**	**.03**	**.9x**		Other
						8	**.01**	**.04**			**Government - Personnel Resources**
						8	**.01**	**.05**			**Government - Program Support**
						8	**.01**	**.06**			**Government - Program Infrastructure**
						8	**.01**	**.9x**			**Other**
1	2	3	4	5	6	8	**.02**	**.00**			**PROJECT MANAGEMENT & SUPPORT (Operable Unit/Solid**
1	2	3	4	5	6		**.02**	**.01**			**Project Management/Support/Administration**
1	2	3	4	5	6		**.02**	**.01**	**.01**		Project Management
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.01**	*Develop cost estimate*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.02**	*Cost/schedule control system*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.03**	*Value engineering/cost analysis*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.04**	*Engineering network analysis*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.05**	*Manage, track and report equipment status*
1	2	3					**.02**	**.01**	**.01**	**.06**	*Attend scoping meeting to define project scope and clean-up goals*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.07**	*Conduct site visit*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.08**	*Evaluate existing data*
1	2	3					**.02**	**.01**	**.01**	**.09**	*Attend public meetings/hearings/meetings with potential responsible*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.10**	*Prepare reports/participate in reviews*
1	2	3					**.02**	**.01**	**.01**	**.11**	*Proposed plan support*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.12**	*Responsiveness summary report*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.13**	*Work assignment closeout*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.14**	*Project closeout*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.15**	*Field supervision*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.16**	*QA/QC and site inspection*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.17**	*Develop schedules and schedule estimates*
		3	4				**.02**	**.01**	**.01**	**.18**	*Product review, inspection, testing, and acceptance*
1	2	3	4	5	6		**.02**	**.01**	**.01**	**.9x**	*Other*
1	2	3	4	5	6		**.02**	**.01**	**.02**		Support Subcontracting Activities
1	2	3	4	5	6		**.02**	**.01**	**.02**	**.01**	*Procurement of subcontractors*
1	2	3	4	5	6		**.02**	**.01**	**.02**	**.02**	*Perform subcontract management*
1	2	3	4	5	6		**.02**	**.01**	**.02**	**.03**	*Contractor QA program*
1	2	3	4	5	6		**.02**	**.01**	**.02**	**.04**	*Coordinate with analytical laboratory*
1	2	3	4	5	6		**.02**	**.01**	**.02**	**.9x**	*Other*

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
1	2	3	4	5	6		**.02**	**.01**	**.03**		Administration/reporting
1	2	3	4	5	6		**.02**	**.01**	**.03**	**.01**	*Meeting participation/routine communications*
1	2	3	4	5	6		**.02**	**.01**	**.03**	**.02**	*Prepare presentation materials*
1	2	3	4	5	6		**.02**	**.01**	**.03**	**.03**	*Assist in preparation of documents*
1	2	3	4	5	6		**.02**	**.01**	**.03**	**.04**	*Compile documents*
1	2	3	4	5	6		**.02**	**.01**	**.03**	**.05**	*Assemble/update administrative record and index*
1	2	3	4	5	6		**.02**	**.01**	**.03**	**.06**	*Document cost and performance status*
1	2	3	4	5	6		**.02**	**.01**	**.03**	**.07**	*Billings*
1	2	3	4	5	6		**.02**	**.01**	**.03**	**.9x**	*Other*
	2	3	4				**.02**	**.01**	**.04**		Post Studies and Design Support
	2	3	4				**.02**	**.01**	**.04**	**.01**	*Provide technical assistance - responsiveness summary*
	2	3	4				**.02**	**.01**	**.04**	**.02**	*Provide technical assistance - proposed plan and ROD*
	2	3	4				**.02**	**.01**	**.04**	**.03**	*Prepare feasibility addendum*
	2	3	4				**.02**	**.01**	**.04**	**.9x**	*Other*
1	2	3	4	5	6		**.02**	**.01**	**.05**		Negotiation Support
1	2	3	4	5	6		**.02**	**.01**	**.05**	**.01**	*Attend negotiation sessions and meetings*
1	2	3	4	5	6		**.02**	**.01**	**.05**	**.02**	*Review of Potential Responsible Party documents*
1	2	3	4	5	6		**.02**	**.01**	**.05**	**.03**	*Provide technical memorandums*
1	2	3	4	5	6		**.02**	**.01**	**.05**	**.9x**	*Other*
1	2	3	4	5	6		**.02**	**.01**	**.06**		Administration Record
1	2	3	4	5	6		**.02**	**.01**	**.06**	**.01**	*Coordinate with administrative record coordinator*
1	2	3	4	5	6		**.02**	**.01**	**.06**	**.02**	*Provide assistance in document compilation*
1	2	3	4	5	6		**.02**	**.01**	**.06**	**.03**	*Prepare draft administrative record index*
1	2	3	4	5	6		**.02**	**.01**	**.06**	**.04**	*Prepare administrative record index*
1	2	3	4	5	6		**.02**	**.01**	**.06**	**.05**	*Coordinate duplication of administrative index*
1	2	3	4	5	6		**.02**	**.01**	**.06**	**.06**	*Assemble administrative record and index*
1	2	3	4	5	6		**.02**	**.01**	**.06**	**.9x**	*Other*
1	2	3	4	5	6		**.02**	**.01**	**.9x**		Other
1	2	3	4	5	6		**.02**	**.02**			**Community Relations**
1	2	3					**.02**	**.02**	**.01**		Conduct Community Interviews
1	2	3					**.02**	**.02**	**.02**		Provide Support for Community Relations
1	2	3	4	5	6		**.02**	**.02**	**.02**	**.01**	*Prepare fact sheets*
1	2	3	4	5	6		**.02**	**.02**	**.02**	**.02**	*Participate in public meetings/hearings*
1	2	3	4	5	6		**.02**	**.02**	**.02**	**.03**	*Support briefings*
1	2	3	4	5	6		**.02**	**.02**	**.02**	**.04**	*Facility tours*
1	2	3	4	5	6		**.02**	**.02**	**.02**	**.9x**	*Other*
1	2	3	4	5	6		**.02**	**.02**	**.03**		Maintain Public Information Repository
1	2	3	4	5	6		**.02**	**.02**	**.9x**		Other
1	2	3	4	5	6		**.02**	**.03**			**Regulatory Interaction**
1	2	3	4	5	6		**.02**	**.03**	**.01**		Support Meetings with Regulators
1	2	3	4	5	6		**.02**	**.03**	**.02**		Coordination of Laws and Regulations
1	2						**.02**	**.03**	**.02**	**.01**	*Prepare initial notification*
1	2	3	4	5	6		**.02**	**.03**	**.02**	**.9x**	*Other*
1	2	3	4	5			**.02**	**.03**	**.03**		Develop Interagency Agreement
1	2	3	4	5			**.02**	**.03**	**.03**	**.01**	*Agency review support*
1	2	3	4	5			**.02**	**.03**	**.03**	**.02**	*State and local agency review*
1	2	3	4	5			**.02**	**.03**	**.03**	**.9x**	*Other*
1	2	3	4	5	6		**.02**	**.03**	**.04**		Regulatory Reports/Reviews
			4	5	6		**.02**	**.03**	**.04**	**.01**	*Post-construction/removal report*
			4	5	6		**.02**	**.03**	**.04**	**.02**	*Preliminary closeout report*
			4	5	6		**.02**	**.03**	**.04**	**.03**	*Final closeout report*
				5	6		**.02**	**.03**	**.04**	**.04**	*Five-year reviews*
1	2	3	4	5	6		**.02**	**.03**	**.04**	**.05**	*Notice of site deletion*
1	2	3	4	5	6		**.02**	**.03**	**.04**	**.9x**	*Others*
1	2	3	4	5	6		**.02**	**.03**	**.05**		Regulatory Permitting (e.g., RCRA Part B Permit)
1	2	3	4	5	6		**.02**	**.03**	**.05**	**.01**	*RCRA permitting (see also .03.19)*
1	2	3	4	5	6		**.02**	**.03**	**.05**	**.02**	*CERCLA permitting*
1	2	3	4	5	6		**.02**	**.03**	**.05**	**.03**	*NRC permitting*
1	2	3	4	5	6		**.02**	**.03**	**.05**	**.04**	*NPDES permitting*
1	2	3	4	5	6		**.02**	**.03**	**.05**	**.05**	*Transportation permitting*
1	2	3	4	5	6		**.02**	**.03**	**.05**	**.06**	*Wetland permitting*
1	2	3	4	5	6		**.02**	**.03**	**.05**	**.07**	*State and local permits*
1	2	3	4	5	6		**.02**	**.03**	**.05**	**.08**	*Air emissions permits*
1	2	3	4	5	6		**.02**	**.03**	**.05**	**.09**	*Dangerous waste permit application*
1	2	3	4	5	6		**.02**	**.03**	**.05**	**.10**	*Limited construction authorization request*
1	2	3	4	5	6		**.02**	**.03**	**.05**	**.11**	*Construction authorization request*

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
1	2	3	4	5	6		**.02**	**.03**	**.05**	**.12**	*Operations authorization request*
1	2	3	4	5	6		**.02**	**.03**	**.05**	**.9x**	*Other*
1	2	3	4	5	6		**.02**	**.03**	**.06**		Update Regulatory Permits (e.g., RCRA Part B Permit) (see also .03.19)
1	2	3	4	5	6		**.02**	**.03**	**.07**		Action Memorandums
1	2	3	4	5	6		**.02**	**.03**	**.9x**		Other
1	2	3	4	5	6	8	**.02**	**.04**			**Institutional Controls**
1	2	3	4	5	6	8	**.02**	**.04**	**.01**		Signs and Markers
1	2	3	4	5	6	8	**.02**	**.04**	**.02**		Conduct Procedures and Manuals
1	2	3	4	5	6	8	**.02**	**.04**	**.03**		Fencing/Barriers
					7		**.02**	**.04**	**.04**		Land Record Management
					8		**.02**	**.04**	**.05**		Transferred Property Restriction
					9		**.02**	**.04**	**.06**		Verification of Institutional Controls
1	2	3	4	5	6	8	**.02**	**.04**	**.9x**		Other
		3	4				**.02**	**.05**			**Post Design Support**
		3					**.02**	**.05**	**.01**		Identify Long Lead Items
		3	4				**.02**	**.05**	**.02**		Perform Prebid (Pre-Solicitation) Activities
		3	4				**.02**	**.05**	**.02**	**.01**	*Support preparation of solicitation package*
		3	4				**.02**	**.05**	**.02**	**.02**	*Printing and distribution of contract documents*
		3	4				**.02**	**.05**	**.02**	**.03**	*Advertising/soliciting of bids*
		3	4				**.02**	**.05**	**.02**	**.04**	*Issuing Addenda*
		3	4				**.02**	**.05**	**.02**	**.05**	*Pre-bid (pre-solicitation) meetings*
		3	4				**.02**	**.05**	**.02**	**.06**	*Resolution of bidder (offerer) inquiries*
		3	4				**.02**	**.05**	**.02**	**.07**	*On-site visits*
		3	4				**.02**	**.05**	**.02**	**.9x**	*Other*
		3	4				**.02**	**.05**	**.03**		Perform Pre-Award Activities
		3	4				**.02**	**.05**	**.03**	**.01**	*Receipt of bids (offers)*
		3	4				**.02**	**.05**	**.03**	**.02**	*Determination of responsive, responsible bidders*
		3	4				**.02**	**.05**	**.03**	**.03**	*Bid tabulation*
		3	4				**.02**	**.05**	**.03**	**.04**	*Bid analysis*
		3	4				**.02**	**.05**	**.03**	**.05**	*Receipt of follow-up items from lowest responsible bidder*
		3	4				**.02**	**.05**	**.03**	**.06**	*Review of EEO, MBE requirements, SDB subcontractor plans*
		3	4				**.02**	**.05**	**.03**	**.07**	*Reference checks*
		3	4				**.02**	**.05**	**.03**	**.08**	*Request for consent from the EPA*
		3	4				**.02**	**.05**	**.03**	**.09**	*Support preparation of contract documents*
		3	4				**.02**	**.05**	**.03**	**.9x**	*Other*
		3	4				**.02**	**.05**	**.04**		Evaluation of Contracting Approaches, Management Options and Management Approaches
		3	4				**.02**	**.05**	**.9x**		Other
	2	3	4	5			**.02**	**.06**			**Procurement and Warehousing of Equipment and Material**
	2	3	4	5			**.02**	**.07**			**A/E Support**
	2	3	4	5			**.02**	**.07**	**.01**		Submittal Reviews
	2	3	4	5			**.02**	**.07**	**.02**		Site Inspection and Surveys
	2	3	4	5			**.02**	**.07**	**.03**		Document Activities
	2	3	4	5			**.02**	**.07**	**.04**		Participate in Construction Management Meetings
	2	3	4	5			**.02**	**.07**	**.9x**		Other
	2	3	4				**.02**	**.08**			**Contractor Construction Management**
	2	3	4				**.02**	**.09**			**Government Construction Management**
			4	5	6		**.02**	**.10**			**Independent Contractor Verification of Cleanup or Reuse**
1	2						**.02**	**.11**			**Enforcement**
1	2						**.02**	**.11**	**.01**		PRP Searches/Field Investigations
1	2						**.02**	**.11**	**.02**		PRP Negotiation Support
1	2						**.02**	**.11**	**.02**	**.01**	*Attend negotiation sessions and meetings*
1	2						**.02**	**.11**	**.02**	**.02**	*Review of PRP documents*
1	2						**.02**	**.11**	**.02**	**.03**	*Document findings*
1	2						**.02**	**.11**	**.02**	**.9x**	*Other*
1	2	3	4	5	6		**.02**	**.12**			**Asset Recovery**
1	2	3	4	5	6	8	**.02**	**.13**			**Configuration Management**
1	2	3	4	5	6		**.02**	**.14**			**Project Safety and Health**
1	2	3	4	5	6		**.02**	**.14**	**.01**		Project Integrated Safety Management (ISM)
1	2	3	4	5	6		**.02**	**.14**	**.01**	**.01**	*Support, Coordination, and Participation in ISM Teams*
1	2	3	4	5	6		**.02**	**.14**	**.01**	**.02**	*ISM documents development and maintenance*
1	2	3	4	5	6		**.02**	**.14**	**.01**	**.03**	*Project ISM implementation costs*
1	2	3	4	5	6		**.02**	**.14**	**.01**	**.9x**	*Other*
1	2	3	4	5	6		**.02**	**.14**	**.02**		Accident Analysis

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
1	2	3	4	5	6		**.02**	**.14**	**.03**		Risk and Reliability
1	2	3	4	5	6		**.02**	**.14**	**.04**		Fire Hazard Analysis
1	2	3	4	5	6		**.02**	**.14**	**.05**		Safety Analysis Report
1	2	3	4	5	6		**.02**	**.14**	**.05**	**.01**	*Preliminary Safety Analysis Report*
1	2	3	4	5	6		**.02**	**.14**	**.05**	**.02**	*Final Safety Analysis Report*
1	2	3	4	5	6		**.02**	**.14**	**.05**	**.9x**	*Other*
1	2	3	4	5	6		**.02**	**.14**	**.06**		Hazard Analysis Reports
1	2	3	4	5	6		**.02**	**.14**	**.07**		Project Industrial Safety and Health
1	2	3	4	5	6		**.02**	**.14**	**.08**		Project Safety Monitoring
1	2	3	4	5	6		**.02**	**.14**	**.9x**		Other
1	2	3	4	5	6		**.02**	**.15**			**Contract Closeout**
1	2	3	4	5	6		**.02**	**.16**			**Realty Services**
1	2	3	4	5	6		**.02**	**.17**			**Regulatory Agency Oversight Staff**
1	2	3	4	5	6		**.02**	**.18**			**Information Management**
1	2	3	4	5	6		**.02**	**.18**	**.01**		Records Management Facility
1	2	3	4	5	6		**.02**	**.18**	**.02**		Archived Records Management
1	2	3	4	5	6		**.02**	**.18**	**.03**		Electronic Records Management
1	2	3	4	5	6		**.02**	**.18**	**.04**		Records Declassification
1	2	3	4	5	6		**.02**	**.18**	**.9x**		Other
1	2	3	4	5	6		**.02**	**.19**			**Litigation Support**
1	2	3	4	5	6		**.02**	**.19**	**.01**		Workers Compensation Cases
1	2	3	4	5	6		**.02**	**.19**	**.02**		Claims Review
1	2	3	4	5	6		**.02**	**.19**	**.03**		Claims Management
1	2	3	4	5	6		**.02**	**.19**	**.04**		Discovery Review
1	2	3	4	5	6		**.02**	**.19**	**.05**		Discovery Litigation
1	2	3	4	5	6		**.02**	**.19**	**.06**		Freedom of Information Act Reviews
1	2	3	4	5	6		**.02**	**.19**	**.9x**		Other
1	2	3	4	5	6	8	**.02**	**.9x**			**Other**
1	2	3	4	5	6	8	**.03**	**.00**			**PREPARATION OF PLANS & SPECIFICATIONS**
1	2	3	4	5	6		**.03**	**.01**			**Workplan**
1	2	3	4	5	6		**.03**	**.02**			**Chemical Data Acquisition Plan**
1	2	3	4	5	6		**.03**	**.03**			**Sampling and Analysis Plan**
1	2	3	4	5	6		**.03**	**.03**	**.01**		Quality Assurance Project Plan
1	2	3	4	5	6		**.03**	**.03**	**.02**		Field Sampling Plan
1	2	3	4	5	6		**.03**	**.03**	**.9x**		Other
1	2	3	4	5		8	**.03**	**.04**			**Health and Safety Plan**
1	2	3	4	5	6		**.03**	**.05**			**Pollution Control and Mitigation Plan**
1	2	3	4	5			**.03**	**.06**			**Data Management Plan**
1	2	3	4	5	6		**.03**	**.07**			**Community Relations Plan**
1	2	3	4	5	6		**.03**	**.08**			**Transportation and Disposal Plan (Waste Management Plan)**
1	2	3	4	5		8	**.03**	**.09**			**Management Plan**
	2					8	**.03**	**.10**			**Risk Assessment Plan**
1	2	3					**.03**	**.11**			**Technical Project Goals and Objectives**
	2	3					**.03**	**.11**	**.01**		Develop Conceptual Site Model
1	2	3					**.03**	**.11**	**.02**		Identify Data Needs and Data Quality Objectives
	2	3					**.03**	**.11**	**.03**		Identify Preliminary Environmental Action Objectives and Potential Alternatives
	2	3					**.03**	**.11**	**.04**		Identify Treatability Studies
1	2	3					**.03**	**.11**	**.05**		Preliminary Identification of ARARs of Standards
1	2	3					**.03**	**.11**	**.06**		Identify NEPA Requirements
1	2	3					**.03**	**.11**	**.07**		Identify Other Regulatory Requirements
1	2	3					**.03**	**.11**	**.9x**		Other
1	2	3	4	5			**.03**	**.12**			**Implementation Plans**
		3	4	5			**.03**	**.12**	**.01**		Spill Control Plan
		3	4	5			**.03**	**.12**	**.02**		Erosion Control Plan
1	2	3	4	5	6		**.03**	**.12**	**.03**		Environmental Protection Plan
		3	4	5			**.03**	**.12**	**.04**		Sediment Control Plan
1	2	3	4	5	6		**.03**	**.12**	**.05**		Letter of Commitment
1	2	3	4	5	6		**.03**	**.12**	**.06**		Air Monitoring Plan
1	2	3	4	5	6		**.03**	**.12**	**.07**		Traffic Control Plan
1	2	3	4	5	6		**.03**	**.12**	**.08**		Site Security Plan
1	2	3	4	5	6		**.03**	**.12**	**.09**		Contaminated Water Storage and Treatment Plan
1	2	3	4	5	6		**.03**	**.12**	**.10**		General Site Work Plan

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
1	2	3	4	5	6		**.03**	**.12**	**.11**		Construction Quality Control Plan
1	2	3	4	5	6		**.03**	**.12**	**.12**		Asbestos Hazard Abatement Plan
1	2	3	4	5	6		**.03**	**.12**	**.13**		Phase-Out Report
1	2	3	4	5	6		**.03**	**.12**	**.14**		Accident Prevention Plan
1	2	3	4	5	6		**.03**	**.12**	**.15**		Phase Safety Plan
1	2	3	4				**.03**	**.12**	**.16**		Trial Burn Plan
1	2	3	4	5	6		**.03**	**.12**	**.17**		Property Equipment Plan
1	2	3					**.03**	**.12**	**.18**		Location Survey and Mapping Plan
1	2	3	4	5	6		**.03**	**.12**	**.19**		Work, Data, and Cost Management Plan
1	2	3	4	5	6		**.03**	**.12**	**.20**		Chemical Accident or Incident Response and Assistance Plan
1	2	3	4	5	6		**.03**	**.12**	**.21**		Performance and Compliance Monitoring Plan
1	2	3	4	5	6		**.03**	**.12**	**.22**		Site Safety Submission
1	2	3	4	5	6		**.03**	**.12**	**.23**		Other Technology Plans
1	2	3	4	5	6		**.03**	**.12**	**.24**		Experience Record
1	2	3	4	5	6		**.03**	**.12**	**.25**		Financial Statement
1	2	3	4	5	6		**.03**	**.12**	**.26**		Small Business Plan
1	2	3	4	5	6		**.03**	**.12**	**.27**		Subcontracting Plan
1	2	3	4	5	6		**.03**	**.12**	**.28**		Patent Fees
1	2	3	4	5	6		**.03**	**.12**	**.9x**		Other
1	2	3	4				**.03**	**.13**			**Emergency Response Plans/Report/Approval**
1	2	3					**.03**	**.13**	**.01**		Engineering Evaluation and Cost Analyses
1	2	3					**.03**	**.13**	**.02**		Action Memo Preparation
1	2	3					**.03**	**.13**	**.03**		Removal Action Plans and Specs.
1	2	3	4				**.03**	**.13**	**.9x**		Other
1	2	3	4				**.03**	**.14**			**Environmental Workplans**
1	2	3					**.03**	**.15**			**Decommissioning Plan**
			4	5	6		**.03**	**.16**			**Post RA/D&D Monitoring Plan**
1	2	3	4	5	6		**.03**	**.17**			**Combined Workplan**
1	2	3					**.03**	**.18**			**Proposed Plan**
		3					**.03**	**.19**			**RCRA Permit Preparation/Modification (see also .02.03.05.01 and .02.03.06)**
		3	4				**.03**	**.20**			**Environmental Action Implementation Plan**
1	2	3	4	5	6		**.03**	**.21**			**Waste Site Work Permits**
1	2	3	4	5	6	8	**.03**	**.22**			**Corrective Action Plan Reporting**
			4	5	6		**.03**	**.23**			**Material Disposition Plan**
1	2	3	4	5	6	8	**.03**	**.9x**			**Other**
1	2	3	4	5	6		**.04**	**.00**			**STUDIES/DESIGN AND DOCUMENTATION**
1	2						**.04**	**.01**			**Hazardous, Toxic, and Radioactivity Ranking System (HRS)**
1	2						**.04**	**.02**			**Human Health Risk Assessment**
1	2						**.04**	**.02**	**.01**		Hazard Identification (Sources)
1	2						**.04**	**.02**	**.02**		Dose-Response Assessment
1	2						**.04**	**.02**	**.03**		Prepare Conceptual Experiment/Pathway Analysis
1	2						**.04**	**.02**	**.04**		Characterization of Site and Potential Receptors
1	2						**.04**	**.02**	**.05**		Exposure Assessment
1	2						**.04**	**.02**	**.06**		Risk Characterization
1	2						**.04**	**.02**	**.07**		Limitations/Uncertainties
1	2						**.04**	**.02**	**.08**		Site Conceptual Model
1	2						**.04**	**.02**	**.9x**		Other
1	2						**.04**	**.03**			**Ecological Risk Assessment**
1	2						**.04**	**.03**	**.01**		Hazard Identification (Sources)
1	2						**.04**	**.03**	**.02**		Dose-Response Assessment
1	2						**.04**	**.03**	**.03**		Prepare Conceptual Exposure/Pathway Analysis
1	2						**.04**	**.03**	**.04**		Characterization of Site and Potential Receptors
1	2						**.04**	**.03**	**.05**		Select Chemicals, Indicator Species, and End Points
1	2						**.04**	**.03**	**.06**		Exposure Assessment
1	2						**.04**	**.03**	**.07**		Toxicity Assessment/Ecological Effects Assessment
1	2						**.04**	**.03**	**.08**		Risk Characterization
1	2						**.04**	**.03**	**.09**		Limitations/Uncertainties
1	2						**.04**	**.03**	**.10**		Site Conceptual Model
1	2						**.04**	**.03**	**.9x**		Other
1	2						**.04**	**.04**			**Risk Assessment Documentation**
1	2						**.04**	**.04**	**.01**		Compose Draft Reports
1	2						**.04**	**.04**	**.01**	**.01**	*Perform data compilation*
1	2						**.04**	**.04**	**.01**	**.02**	*Present data (format tables and prepare graphics)*

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
1	2						**.04**	**.04**	**.01**	**.03**	*Site background*
1	2						**.04**	**.04**	**.01**	**.04**	*Investigation*
1	2						**.04**	**.04**	**.01**	**.05**	*Site characteristics*
1	2						**.04**	**.04**	**.01**	**.06**	*Nature and extent of contamination*
1	2						**.04**	**.04**	**.01**	**.07**	*Fate and transport*
1	2						**.04**	**.04**	**.01**	**.08**	*Summary and conclusions*
1	2						**.04**	**.04**	**.01**	**.09**	*Reproduction/distribution*
1	2						**.04**	**.04**	**.01**	**.9x**	*Other*
1	2						**.04**	**.04**	**.02**		Respond to Comments
1	2						**.04**	**.04**	**.03**		Finalize Report
1	2						**.04**	**.04**	**.03**	**.01**	*Reproduction/distribution*
1	2						**.04**	**.04**	**.03**	**.9x**	*Other*
1	2						**.04**	**.04**	**.9x**		Other
1	2						**.04**	**.05**			**Environmental Investigation Report**
1	2						**.04**	**.05**	**.01**		Site Background
1	2						**.04**	**.05**	**.02**		Investigation
1	2						**.04**	**.05**	**.02**	**.01**	*Field investigation and technical approach*
1	2						**.04**	**.05**	**.02**	**.02**	*Chemical analysis and analytical methods*
1	2						**.04**	**.05**	**.02**	**.03**	*Field methodologies*
1	2						**.04**	**.05**	**.02**	**.9x**	*Other*
1	2						**.04**	**.05**	**.03**		Site Characteristics
1	2						**.04**	**.05**	**.03**	**.01**	*Geology*
1	2						**.04**	**.05**	**.03**	**.02**	*Hydrology*
1	2						**.04**	**.05**	**.03**	**.03**	*Meteorology*
1	2						**.04**	**.05**	**.03**	**.04**	*Demographics and land use*
1	2						**.04**	**.05**	**.03**	**.05**	*Ecological Assessment*
1	2						**.04**	**.05**	**.03**	**.9x**	*Other*
1	2						**.04**	**.05**	**.04**		Nature and Extent of Contamination
1	2						**.04**	**.05**	**.04**	**.01**	*Contaminant sources*
1	2						**.04**	**.05**	**.04**	**.02**	*Contaminant distribution and trends*
1	2						**.04**	**.05**	**.04**	**.9x**	*Other*
1	2						**.04**	**.05**	**.05**		Fate and Transport
1	2						**.04**	**.05**	**.05**	**.01**	*Contaminant characteristics*
1	2						**.04**	**.05**	**.05**	**.02**	*Transport process*
1	2						**.04**	**.05**	**.05**	**.03**	*Contaminant migration trends*
1	2						**.04**	**.05**	**.05**	**.9x**	*Other*
1	2						**.04**	**.05**	**.06**		Summary and Conclusions
1	2						**.04**	**.05**	**.9x**		Other
	2						**.04**	**.06**			**Develop Environmental Alternatives**
	2						**.04**	**.06**	**.01**		Establish Environmental Action Objectives
	2						**.04**	**.06**	**.02**		Establish General Response Actions
	2						**.04**	**.06**	**.03**		Identify Preliminary Alternatives
	2						**.04**	**.06**	**.04**		Identify and Screen Applicable Environmental Technologies
	2						**.04**	**.06**	**.05**		Develop Environmental Alternatives in Accordance with NCP
	2						**.04**	**.06**	**.06**		Identify Treatability Study Requirements
	2						**.04**	**.06**	**.07**		Assemble Technologies into Actions
	2						**.04**	**.06**	**.08**		Develop Conceptual Site Model
	2						**.04**	**.06**	**.9x**		Other
	2						**.04**	**.07**			**Screen Environmental Alternatives**
	2						**.04**	**.07**	**.01**		Screen Environmental Alternatives Based on Selected Criteria
	2						**.04**	**.07**	**.02**		Identify/Evaluate Action-Specific ARARs
	2						**.04**	**.07**	**.03**		Refine List of Alternatives
	2						**.04**	**.07**	**.9x**		Other
	2						**.04**	**.08**			**Evaluate Alternatives**
	2						**.04**	**.08**	**.01**		Overall Protection of Human Health and Environment
	2						**.04**	**.08**	**.02**		Compliance with ARARs
	2						**.04**	**.08**	**.03**		Long-Term Effectiveness and Permanence
	2						**.04**	**.08**	**.04**		Reduction in Toxicity, Mobility or Volume
	2						**.04**	**.08**	**.05**		Short-Term Effectiveness
	2						**.04**	**.08**	**.06**		Implementability - Technical and Administrative
	2						**.04**	**.08**	**.07**		Cost
	2						**.04**	**.08**	**.08**		State Acceptance
	2						**.04**	**.08**	**.09**		Community Acceptance
	2						**.04**	**.08**	**.9x**		Other
	2						**.04**	**.09**			**Refinement of Alternatives**

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
	2						**.04**	**.09**	**.01**		Priority Model Scoring
	2						**.04**	**.09**	**.02**		Selection of Remedy/Documentation
	2						**.04**	**.09**	**.9x**		Other
	2						**.04**	**.10**			**Document Feasibility Study (Corrective Measure Study)**
	2						**.04**	**.10**	**.01**		Compose Draft Feasibility Study (Corrective Measure Study) Report
	2						**.04**	**.10**	**.01**	**.01**	*Perform data compilation*
	2						**.04**	**.10**	**.01**	**.02**	*Present data (format tables and prepare graphics)*
	2						**.04**	**.10**	**.01**	**.03**	*Feasibility study objectives*
	2						**.04**	**.10**	**.01**	**.04**	*Remedial objectives*
	2						**.04**	**.10**	**.01**	**.05**	*General response actions*
	2						**.04**	**.10**	**.01**	**.06**	*Identifying and screening of environmental technologies*
	2						**.04**	**.10**	**.01**	**.07**	*Environmental alternatives description*
	2						**.04**	**.10**	**.01**	**.08**	*Detailed analysis of environmental technologies*
	2						**.04**	**.10**	**.01**	**.09**	*Develop engineering cost analysis of selected alternative*
	2						**.04**	**.10**	**.01**	**.10**	*Summary and conclusions*
	2						**.04**	**.10**	**.01**	**.11**	*Reproduction/distribution*
	2						**.04**	**.10**	**.01**	**.9x**	*Other*
	2						**.04**	**.10**	**.02**		Respond to Comments
	2						**.04**	**.10**	**.03**		Finalize Report
	2						**.04**	**.10**	**.03**	**.01**	*Reproduction/distribution*
	2						**.04**	**.10**	**.03**	**.9x**	*Other*
	2						**.04**	**.10**	**.04**		Prepare Feasibility Study Addendum
	2						**.04**	**.10**	**.9x**		Other
		3	4				**.04**	**.11**			**Environmental Management Project Design**
		3					**.04**	**.11**	**.01**		Preliminary Design
		3					**.04**	**.11**	**.01**	**.01**	*Recommend project delivery strategy and scheduling*
		3					**.04**	**.11**	**.01**	**.02**	*Prepare preliminary construction schedule*
		3					**.04**	**.11**	**.01**	**.03**	*Prepare specifications outline*
		3					**.04**	**.11**	**.01**	**.04**	*Prepare preliminary drawings*
		3					**.04**	**.11**	**.01**	**.05**	*Prepare basis of design report/design analysis*
		3					**.04**	**.11**	**.01**	**.06**	*Prepare preliminary cost estimate*
		3					**.04**	**.11**	**.01**	**.9x**	*Other*
		3					**.04**	**.11**	**.02**		Intermediate Design
		3					**.04**	**.11**	**.02**	**.01**	*Update construction schedule*
		3					**.04**	**.11**	**.02**	**.02**	*Prepare preliminary specifications*
		3					**.04**	**.11**	**.02**	**.03**	*Prepare intermediate drawings*
		3					**.04**	**.11**	**.02**	**.04**	*Prepare basis of design report/design analysis*
		3					**.04**	**.11**	**.02**	**.05**	*Prepare revised cost estimate*
		3					**.04**	**.11**	**.02**	**.06**	*Participate in intermediate design review/briefing*
		3					**.04**	**.11**	**.02**	**.9x**	*Other*
		3	4				**.04**	**.11**	**.03**		Pre-Final/Final Design
		3	4				**.04**	**.11**	**.03**	**.01**	*Prepare pre-final design specifications*
		3	4				**.04**	**.11**	**.03**	**.02**	*Prepare pre-final drawings*
		3	4				**.04**	**.11**	**.03**	**.03**	*Prepare basis of design report/design analysis*
		3	4				**.04**	**.11**	**.03**	**.04**	*Prepare revised cost estimate*
		3	4				**.04**	**.11**	**.03**	**.05**	*Participate in pre-final/final design review*
		3	4				**.04**	**.11**	**.03**	**.06**	*Prepare 100% design submittal*
		3	4				**.04**	**.11**	**.03**	**.9x**	*Other*
		3	4				**.04**	**.11**	**.9x**		Other
		3	4				**.04**	**.12**			**Decontamination/Dismantlement Project Designs**
		3					**.04**	**.12**	**.01**		Preliminary Design
		3					**.04**	**.12**	**.01**	**.01**	*Recommend project delivery strategy and scheduling*
		3					**.04**	**.12**	**.01**	**.02**	*Prepare preliminary construction schedule*
		3					**.04**	**.12**	**.01**	**.03**	*Prepare specifications outline*
		3					**.04**	**.12**	**.01**	**.04**	*Prepare preliminary drawings*
		3					**.04**	**.12**	**.01**	**.05**	*Prepare basis of design report/design analysis*
		3					**.04**	**.12**	**.01**	**.06**	*Prepare preliminary cost estimate*
		3					**.04**	**.12**	**.01**	**.9x**	*Other*
		3					**.04**	**.12**	**.02**		Intermediate Design
		3					**.04**	**.12**	**.02**	**.01**	*Update construction schedule*
		3					**.04**	**.12**	**.02**	**.02**	*Prepare preliminary specifications*
		3					**.04**	**.12**	**.02**	**.03**	*Prepare intermediate drawings*
		3					**.04**	**.12**	**.02**	**.04**	*Prepare basis of Design report/design analysis*
		3					**.04**	**.12**	**.02**	**.05**	*Prepare revised cost estimate*
		3					**.04**	**.12**	**.02**	**.06**	*Participate in intermediate design review/briefing*

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
		3					**.04**	**.12**	**.02**	**.9x**	*Other*
		3	4				**.04**	**.12**	**.03**		Pre-Final/Final Design
		3	4				**.04**	**.12**	**.03**	**.01**	*Prepare pre-final design specifications*
		3	4				**.04**	**.12**	**.03**	**.02**	*Prepare pre-final drawings*
		3	4				**.04**	**.12**	**.03**	**.03**	*Prepare basis of design report/design analysis*
		3	4				**.04**	**.12**	**.03**	**.04**	*Prepare revised cost estimate*
		3	4				**.04**	**.12**	**.03**	**.05**	*Participate in pre-final/final design review*
		3	4				**.04**	**.12**	**.03**	**.06**	*Prepare 100% design submittal*
		3	4				**.04**	**.12**	**.03**	**.9x**	*Other*
		3	4				**.04**	**.12**	**.9x**		Other
		3	4				**.04**	**.13**			**Facility Design**
		3					**.04**	**.13**	**.01**		Preliminary Design
		3					**.04**	**.13**	**.01**	**.01**	*Recommend project delivery strategy and scheduling*
		3					**.04**	**.13**	**.01**	**.02**	*Prepare preliminary construction schedule*
		3					**.04**	**.13**	**.01**	**.03**	*Prepare specifications outline*
		3					**.04**	**.13**	**.01**	**.04**	*Prepare preliminary drawings*
		3					**.04**	**.13**	**.01**	**.05**	*Prepare basis of design report/design analysis*
		3					**.04**	**.13**	**.01**	**.06**	*Prepare preliminary cost estimate*
		3	4				**.04**	**.13**	**.01**	**.9x**	*Other*
		3					**.04**	**.13**	**.02**		Intermediate Design
		3					**.04**	**.13**	**.02**	**.01**	*Update construction schedule*
		3					**.04**	**.13**	**.02**	**.02**	*Prepare preliminary specifications*
		3					**.04**	**.13**	**.02**	**.03**	*Prepare intermediate drawings*
		3					**.04**	**.13**	**.02**	**.04**	*Prepare basis of design report/design analysis*
		3					**.04**	**.13**	**.02**	**.05**	*Prepare revised cost estimate*
		3					**.04**	**.13**	**.02**	**.06**	*Participate in intermediate design review/briefing*
		3					**.04**	**.13**	**.02**	**.9x**	*Other*
		3	4				**.04**	**.13**	**.03**		Pre-Final/Final Design
		3	4				**.04**	**.13**	**.03**	**.01**	*Prepare pre-final design specifications*
		3	4				**.04**	**.13**	**.03**	**.02**	*Prepare pre-final drawings*
		3	4				**.04**	**.13**	**.03**	**.03**	*Prepare basis of design report/design analysis*
		3	4				**.04**	**.13**	**.03**	**.04**	*Prepare revised cost estimate*
		3	4				**.04**	**.13**	**.03**	**.05**	*Participate in pre-final/final design review*
		3	4				**.04**	**.13**	**.03**	**.06**	*Prepare 100% design submittal*
		3	4				**.04**	**.13**	**.03**	**.9x**	*Other*
		3	4				**.04**	**.13**	**.9x**		Other
		3	4				**.04**	**.14**			**Value Engineering/Special Studies**
		3					**.04**	**.14**	**.01**		Perform VE Screening
		3					**.04**	**.14**	**.02**		Perform Value Engineering Study
		3					**.04**	**.14**	**.03**		Document VE Study Results
		3					**.04**	**.14**	**.04**		Develop Land Acquisition/Easement Requirements
		3					**.04**	**.14**	**.04**	**.01**	*Provide technical support in land acquisition*
		3					**.04**	**.14**	**.04**	**.9x**	*Other*
		3					**.04**	**.14**	**.05**		Participate in Biddability/Constructability Reviews
		3	4				**.04**	**.14**	**.9x**		Other
1	2	3	4	5	6		**.04**	**.15**			**Combined Report**
	2	3					**.04**	**.16**			**Engineering Evaluation/Cost Analysis**
	2	3					**.04**	**.17**			**Record of Decision**
	2						**.04**	**.18**			**Combined Feasibility Document**
			4				**.04**	**.19**			**Post-Construction Design Report**
		3					**.04**	**.20**			**Task Requirement and Criteria**
		3	4				**.04**	**.21**			**Submittals**
			4				**.04**	**.21**	**.01**		Punch List
			4				**.04**	**.21**	**.02**		Project Acceptance
		3	4				**.04**	**.21**	**.03**		Survey Information
			4				**.04**	**.21**	**.04**		Final QA/QC Report
		3	4				**.04**	**.21**	**.05**		As-Built Drawings
		3	4				**.04**	**.21**	**.9x**		Other
1	2	3	4	5	6		**.04**	**.9x**			**Other**
1	2	3	4	5	6	8	**.05**	**.00**			**SITE WORK**
1	2	3	4	5	6		**.05**	**.01**			**Mobilization**
1	2	3	4	5	6		**.05**	**.01**	**.01**		Mobilization of Construction Equipment and Facilities
1	2	3	4	5	6		**.05**	**.01**	**.01**	**.01**	*Transport vehicles, equipment, drivers and operators*
1	2	3	4	5	6		**.05**	**.01**	**.01**	**.02**	*Manifests, tolls, permits for mobilization*

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
1	2	3	4	5	6		**.05**	**.01**	**.01**	**.03**	*Escort vehicles ownership and operation*
1	2	3	4	5	6		**.05**	**.01**	**.01**	**.04**	*Construction equipment operators*
1	2	3	4	5	6		**.05**	**.01**	**.01**	**.05**	*Setup and assembly of equipment for operations*
1	2	3	4	5	6		**.05**	**.01**	**.01**	**.9x**	*Other*
1	2	3	4	5	6		**.05**	**.01**	**.02**		Mobilization of Personnel
1	2	3	4	5	6		**.05**	**.01**	**.02**	**.01**	*Relocation of supervisory personnel*
1	2	3	4	5	6		**.05**	**.01**	**.02**	**.9x**	*Other*
1	2	3	4	5	6		**.05**	**.01**	**.03**		Temporary Facilities
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.01**	*Office trailers*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.02**	*Lunch/break trailer*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.03**	*Emergency medical facilities trailers*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.04**	*Storage facilities and warehouses*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.05**	*Laundry facilities*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.06**	*Toilets*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.07**	*Temporary laboratory*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.08**	*Maintenance shop*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.09**	*Truck scales*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.10**	*Observation towers*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.11**	*Decontamination facilities for personnel*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.12**	*Decontamination facilities for construction equipment and vehicles*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.13**	*Temporary cover structure over contaminated area*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.14**	*Barricades*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.15**	*Fire suppression systems*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.16**	*Petroleum, oil, and lubricant dispensing station*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.17**	*Guard houses*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.18**	*Wastewater holding tanks*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.19**	*Housing*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.20**	*Aggregate surfacing*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.21**	*Security fencing*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.22**	*Roads and parking*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.23**	*Culverts*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.24**	*Walks*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.25**	*Signs*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.26**	*Grading*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.27**	*Erosion control*
1	2	3	4	5	6		**.05**	**.01**	**.03**	**.9x**	*Others*
	2	3	4	5	6		**.05**	**.01**	**.04**		Temporary Utilities
	2	3	4	5	6		**.05**	**.01**	**.04**	**.01**	*Site lighting*
	2	3	4	5	6		**.05**	**.01**	**.04**	**.02**	*Power connection/distribution*
	2	3	4	5	6		**.05**	**.01**	**.04**	**.03**	*Telephone/communications hook-up*
	2	3	4	5	6		**.05**	**.01**	**.04**	**.04**	*Water connection/distribution*
	2	3	4	5	6		**.05**	**.01**	**.04**	**.05**	*Sewer connection/distribution*
	2	3	4	5	6		**.05**	**.01**	**.04**	**.06**	*Gas connection/distribution*
	2	3	4	5	6		**.05**	**.01**	**.04**	**.9x**	*Other*
			4				**.05**	**.01**	**.05**		Construction plant erection
			4				**.05**	**.01**	**.05**	**.01**	*Concrete batch*
			4				**.05**	**.01**	**.05**	**.02**	*Block*
			4				**.05**	**.01**	**.05**	**.03**	*Precast*
			4				**.05**	**.01**	**.05**	**.04**	*Asphalt*
			4				**.05**	**.01**	**.05**	**.05**	*Quarry crusher/screens*
			4				**.05**	**.01**	**.05**	**.9x**	*Other*
1	2	3	4	5	6		**.05**	**.01**	**.06**		Radiological Protection Laboratory
1	2	3	4	5	6		**.05**	**.01**	**.07**		Temporary Relocations/Roads/Structures/Utilities
1	2	3	4	5	6		**.05**	**.01**	**.07**	**.01**	*Roads*
1	2	3	4	5	6		**.05**	**.01**	**.07**	**.02**	*Structures*
1	2	3	4	5	6		**.05**	**.01**	**.07**	**.03**	*Utilities*
1	2	3	4	5	6		**.05**	**.01**	**.07**	**.04**	*Other*
1	2	3	4	5	6		**.05**	**.01**	**.9x**		Other
1	2	3	4	5	6		**.05**	**.02**			**Cleanup/Landscaping/Revegetation**
1	2	3	4	5	6		**.05**	**.02**	**.01**		Removal of Trash and Debris
1	2	3	4	5	6		**.05**	**.02**	**.02**		Washing or Sweeping
1	2	3	4	5	6		**.05**	**.02**	**.03**		Fine Grading and Soil Preparation
1	2	3	4	5	6		**.05**	**.02**	**.04**		Erosion Control
1	2	3	4	5	6		**.05**	**.02**	**.05**		Sodding and Seeding
1	2	3	4	5	6		**.05**	**.02**	**.06**		Planting of Trees, Shrubs, Plants

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
1	2	3	4	5	6		**.05**	**.02**	**.07**		Revegetation
1	2	3	4	5	6		**.05**	**.02**	**.08**		Irrigation System
1	2	3	4	5	6		**.05**	**.02**	**.09**		Topsoil
1	2	3	4	5	6		**.05**	**.02**	**.10**		Mulch/Fertilizer
1	2	3	4	5	6		**.05**	**.02**	**.9x**		Other
1	2	3	4				**.05**	**.03**			**Clear and Grub**
1	2	3	4				**.05**	**.03**	**.01**		Cut and Chip Trees
1	2	3	4				**.05**	**.03**	**.02**		Removal of Stumps
1	2	3	4				**.05**	**.03**	**.03**		Clearing Brush
1	2	3	4				**.05**	**.03**	**.04**		Strip Topsoil
1	2	3	4				**.05**	**.03**	**.05**		Tree Removal
1	2	3	4				**.05**	**.03**	**.9x**		Other
1	2	3	4	5			**.05**	**.04**			**Dismantling and Demolition**
1	2	3	4	5			**.05**	**.04**	**.01**		Dismantling or Demolition of Non-Usable, Clean Balance of Plant Systems
1	2	3	4	5			**.05**	**.04**	**.01**	**.01**	*Office space structures*
1	2	3	4	5			**.05**	**.04**	**.01**	**.02**	*Laboratory space/research space structures*
1	2	3	4	5			**.05**	**.04**	**.01**	**.03**	*Storage or warehouse structures*
1	2	3	4	5			**.05**	**.04**	**.01**	**.04**	*Treatment facility structure*
1	2	3	4	5			**.05**	**.04**	**.01**	**.05**	*Component cooling systems*
1	2	3	4	5			**.05**	**.04**	**.01**	**.06**	*Make-up water systems*
1	2	3	4	5			**.05**	**.04**	**.01**	**.07**	*Feedwater systems*
1	2	3	4	5			**.05**	**.04**	**.01**	**.08**	*Condenser cooling systems*
1	2	3	4	5			**.05**	**.04**	**.01**	**.09**	*Sampling systems*
1	2	3	4	5			**.05**	**.04**	**.01**	**.10**	*Turbine generator*
1	2	3	4	5			**.05**	**.04**	**.01**	**.11**	*Electrical MCCs*
1	2	3	4	5			**.05**	**.04**	**.01**	**.12**	*Instrumentation systems*
1	2	3	4	5			**.05**	**.04**	**.01**	**.13**	*Cable trays and conduits*
1	2	3	4	5			**.05**	**.04**	**.01**	**.14**	*Compressed air systems*
1	2	3	4	5			**.05**	**.04**	**.01**	**.15**	*Instrument air systems*
1	2	3	4	5			**.05**	**.04**	**.01**	**.16**	*Security systems*
1	2	3	4	5			**.05**	**.04**	**.01**	**.17**	*Fire protection systems*
1	2	3	4	5			**.05**	**.04**	**.01**	**.18**	*HVAC*
1	2	3	4	5			**.05**	**.04**	**.01**	**.19**	*Security fencing*
1	2	3	4	5			**.05**	**.04**	**.01**	**.20**	*Cooling towers and stacks*
1	2	3	4	5			**.05**	**.04**	**.01**	**.21**	*Roads and parking space*
1	2	3	4	5			**.05**	**.04**	**.01**	**.22**	*Rail roads*
1	2	3	4	5			**.05**	**.04**	**.01**	**.23**	*Security building structures*
1	2	3	4	5			**.05**	**.04**	**.01**	**.9x**	*Other*
1	2	3	4	5			**.05**	**.04**	**.9x**		Other
1	2	3	4				**.05**	**.05**			**Excavation and Earthwork**
1	2	3	4				**.05**	**.05**	**.01**		Excavation of soils, rocks, solids and sludges
1	2	3	4				**.05**	**.05**	**.02**		Scarification
1	2	3	4				**.05**	**.05**	**.03**		Harrowing and furrowing
1	2	3	4				**.05**	**.05**	**.04**		Tracking
1	2	3	4				**.05**	**.05**	**.05**		Grading
1	2	3	4				**.05**	**.05**	**.06**		Backfilling
1	2	3	4				**.05**	**.05**	**.07**		Spreading
1	2	3	4				**.05**	**.05**	**.08**		Compaction
1	2	3	4				**.05**	**.05**	**.09**		Stockpiling
1	2	3	4				**.05**	**.05**	**.10**		Settlement markers
1	2	3	4				**.05**	**.05**	**.9x**		Other
1	2	3	4	5			**.05**	**.06**			**Load and Haul**
1	2	3	4				**.05**	**.07**			**Borrow Pit/Haul Roads**
1	2	3	4	5	6		**.05**	**.08**			**Access Roads**
1	2	3	4	5	6		**.05**	**.09**			**Arterial Roads/Divided Highways**
1	2	3	4	5	6		**.05**	**.10**			**Diesel Generator**
1	2	3	4	5	6		**.05**	**.11**			**Access Control Facility**
1	2	3	4	5	6		**.05**	**.12**			**Railroad Tracks and Crossing**
1	2	3	4	5	6		**.05**	**.13**			**Bridges**
1	2	3	4	5	6		**.05**	**.14**			**Fencing**
1	2	3	4	5	6		**.05**	**.15**			**Parking Lots**
1	2	3	4	5	6		**.05**	**.16**			**Retaining Wall**
1	2	3	4	5	6		**.05**	**.17**			**Sidewalks**
1	2	3	4	5	6		**.05**	**.18**			**Sprinkler System**
1	2	3	4	5	6		**.05**	**.19**			**Structures/Culverts**

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
1	2	3	4	5	6		**.05**	**.20**			**Gas Distribution**
1	2	3	4	5	6		**.05**	**.21**			**Fuel Line Distribution**
1	2	3	4	5	6		**.05**	**.22**			**Fuel Storage Tanks**
1	2	3	4	5	6		**.05**	**.23**			**Heating/Cooling Distribution System**
1	2	3	4	5	6		**.05**	**.24**			**Steam and Condensate Distribution**
1	2	3	4	5	6		**.05**	**.25**			**Treatment Plants/Lift Stations**
1	2	3	4	5	6		**.05**	**.26**			**Water Distribution**
1	2	3	4	5	6		**.05**	**.27**			**Water Storage Tanks**
1	2	3	4	5	6		**.05**	**.28**			**Storm Sewer**
1	2	3	4	5	6		**.05**	**.29**			**Communications**
1	2	3	4	5	6		**.05**	**.30**			**Lighting**
1	2	3	4	5	6		**.05**	**.31**			**Overhead Electrical Distribution**
1	2	3	4	5	6		**.05**	**.32**			**Underground Electrical Distribution**
1	2	3	4	5	6		**.05**	**.33**			**Sanitary Sewer**
			4	5	6		**.05**	**.34**			**Restoration of Buildings after D&D**
1	2	3	4	5	6		**.05**	**.35**			**Compressed Air/Nitrogen**
1	2	3	4	5	6		**.05**	**.36**			**Demobilization**
1	2	3	4	5	6		**.05**	**.36**	**.01**		Removal of Temporary Facilities
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.01**	*Office trailers*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.02**	*Lunch/break trailer*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.03**	*Emergency medical facilities trailers*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.04**	*Storage facilities*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.05**	*Laundry facilities*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.06**	*Toilets*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.07**	*Temporary laboratory*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.08**	*Maintenance shop*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.09**	*Truck scales*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.10**	*Observation towers*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.11**	*Decontamination facilities for personnel*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.12**	*Decontamination facilities for construction equipment and vehicles*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.13**	*Temporary cover structure over contaminated area*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.14**	*Barricades*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.15**	*Fire suppression systems*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.16**	*Petroleum, oil, lubricant dispensing station*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.17**	*Guard houses*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.18**	*Wastewater holding tanks*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.19**	*Housing*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.2**	*Aggregate surfacing*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.21**	*Security fencing*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.22**	*Roads and parking*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.23**	*Culverts*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.24**	*Walks*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.25**	*Signs*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.26**	*Grading*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.27**	*Erosion control*
1	2	3	4	5	6		**.05**	**.36**	**.01**	**.9x**	*Others*
	2	3	4	5			**.05**	**.36**	**.02**		Removal of Temporary Utilities
	2	3	4	5			**.05**	**.36**	**.02**	**.01**	*Site lighting*
	2	3	4	5			**.05**	**.36**	**.02**	**.02**	*Power connection/distribution*
	2	3	4	5			**.05**	**.36**	**.02**	**.03**	*Telephone/communications hook-up*
	2	3	4	5			**.05**	**.36**	**.02**	**.04**	*Water connection/distribution*
	2	3	4	5			**.05**	**.36**	**.02**	**.05**	*Sewer connection/distribution*
	2	3	4	5			**.05**	**.36**	**.02**	**.06**	*Gas connection/distribution*
	2	3	4	5			**.05**	**.36**	**.02**	**.9x**	*Other*
	2	3	4	5			**.05**	**.36**	**.03**		Final Decontamination
	2	3	4	5			**.05**	**.36**	**.04**		Demobilization Construction Equipment and Facilities
	2	3	4	5			**.05**	**.36**	**.04**	**.01**	*Transport vehicles, equipment, drivers and operators*
	2	3	4	5			**.05**	**.36**	**.04**	**.02**	*Manifests, tolls, permits for mobilization*
	2	3	4	5			**.05**	**.36**	**.04**	**.03**	*Escort vehicles ownership and operation*
	2	3	4	5			**.05**	**.36**	**.04**	**.04**	*Construction equipment operators*
	2	3	4	5			**.05**	**.36**	**.04**	**.05**	*Disassembly of equipment and takedown*
	2	3	4	5			**.05**	**.36**	**.04**	**.06**	*Turn in Government Furnished Equipment*
	2	3	4	5			**.05**	**.36**	**.04**	**.9x**	*Other*
	2	3	4	5			**.05**	**.36**	**.05**		Demobilization of Personnel

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
	2	3	4	5			**.05**	**.36**	**.05**	**.01**	*Relocation of supervisory personnel*
	2	3	4	5			**.05**	**.36**	**.05**	**.9x**	*Other*
	2	3	4	5			**.05**	**.36**	**.06**		Construction Plant Takedown
	2	3	4	5			**.05**	**.36**	**.07**		Radiological Protection Laboratory
	2	3	4	5			**.05**	**.36**	**.9x**		Other
1	2	3	4	5	6	8	**.05**	**.37**			**Population Relocation**
1	2	3	4	5	6		**.05**	**.38**			**Relocation of Distribution Systems**
1	2	3	4	5	6		**.05**	**.38**	**.01**		Gas Distribution
1	2	3	4	5	6		**.05**	**.38**	**.02**		Fuel Line Distribution
1	2	3	4	5	6		**.05**	**.38**	**.03**		Heating/Cooling Distribution System
1	2	3	4	5	6		**.05**	**.38**	**.04**		Steam and Condensate Distribution
1	2	3	4	5	6		**.05**	**.38**	**.05**		Water Distribution
1	2	3	4	5	6		**.05**	**.38**	**.06**		Storm Sewer
1	2	3	4	5	6		**.05**	**.38**	**.07**		Communication
1	2	3	4	5	6		**.05**	**.38**	**.08**		Overhead Electrical Distribution
1	2	3	4	5	6		**.05**	**.38**	**.09**		Underground Electrical Distribution
1	2	3	4	5	6		**.05**	**.38**	**.10**		Sanitary Sewer
1	2	3	4	5	6		**.05**	**.38**	**.9x**		Other
1	2	3	4	5	6		**.05**	**.39**			**Steam Plant Facility**
1	2	3	4	5	6		**.05**	**.40**			**Switch Gear Building**
1	2	3	4	5	6		**.05**	**.41**			**Important-to-Safety Switch Gear Building**
1	2	3	4	5	6		**.05**	**.51**			**General Requirements**
1	2	3	4	5	6		**.05**	**.51**	**.01**		Mobilization
1	2	3	4	5	6		**.05**	**.51**	**.02**		Demobilization
1	2	3	4	5	6		**.05**	**.51**	**.03**		Temporary Construction of Roads, Walks, Fences
1	2	3	4	5	6		**.05**	**.51**	**.9x**		Other
1	2	3	4	5	6		**.05**	**.52**			**Clean Site Work**
1	2	3	4	5	6		**.05**	**.52**	**.01**		Landscaping
1	2	3	4	5	6		**.05**	**.52**	**.02**		Site Clearing and Grubbing
1	2	3	4	5	6		**.05**	**.52**	**.03**		Dismantle
1	2	3	4	5	6		**.05**	**.52**	**.04**		Excavation
1	2	3	4	5	6		**.05**	**.52**	**.05**		Loading/Hauling and Dumping
1	2	3	4	5	6		**.05**	**.52**	**.06**		Permanent Rock and Gravel Roads
1	2	3	4	5	6		**.05**	**.52**	**.07**		Permanent Bituminous Paving
1	2	3	4	5	6		**.05**	**.52**	**.08**		Railroads
1	2	3	4	5	6		**.05**	**.52**	**.09**		Bridges
1	2	3	4	5	6		**.05**	**.52**	**.10**		Permanent Fences
1	2	3	4	5	6		**.05**	**.52**	**.11**		Permanent Road, Walks, and Parking
1	2	3	4	5	6		**.05**	**.52**	**.12**		Retaining Wall
1	2	3	4	5	6		**.05**	**.52**	**.13**		Bituminous Sidewalks
1	2	3	4	5	6		**.05**	**.52**	**.14**		Sprinkler System
1	2	3	4	5	6		**.05**	**.52**	**.15**		Culverts
1	2	3	4	5	6		**.05**	**.52**	**.16**		Special Pipe Installation
1	2	3	4	5	6		**.05**	**.52**	**.17**		Drainage and Utilities
1	2	3	4	5	6		**.05**	**.52**	**.18**		Sewer Line
1	2	3	4	5	6		**.05**	**.52**	**.9x**		Other
1	2	3	4	5	6		**.05**	**.53**			**Concrete**
1	2	3	4	5	6		**.05**	**.54**			**Masonry**
1	2	3	4	5	6		**.05**	**.55**			**Metals**
1	2	3	4	5	6		**.05**	**.56**			**Wood & Plastics**
1	2	3	4	5	6		**.05**	**.57**			**Thermal and Moisture Protection**
1	2	3	4	5	6		**.05**	**.58**			**Doors and Windows**
1	2	3	4	5	6		**.05**	**.59**			**Finishes**
1	2	3	4	5	6		**.05**	**.60**			**Specialties**
1	2	3	4	5	6		**.05**	**.61**			**Equipment**
1	2	3	4	5	6		**.05**	**.62**			**Furnishings**
1	2	3	4	5	6		**.05**	**.63**			**Special Construction**
1	2	3	4	5	6		**.05**	**.63**	**.01**		Tanks
1	2	3	4	5	6		**.05**	**.63**	**.9x**		Other
1	2	3	4	5	6		**.05**	**.64**			**Conveying Systems**
1	2	3	4	5	6		**.05**	**.65**			**Mechanical**
1	2	3	4	5	6		**.05**	**.65**	**.01**		Heaters and Exchangers
1	2	3	4	5	6		**.05**	**.65**	**.02**		Special Pipe Installation
1	2	3	4	5	6		**.05**	**.65**	**.03**		Pumps and Drivers
1	2	3	4	5	6		**.05**	**.65**	**.04**		Compressors, Blower, Fans, and Drivers
1	2	3	4	5	6		**.05**	**.65**	**.9x**		Other

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					ENVIRONMENTAL COST ELEMENT STRUCTURE
1	2	3	4	5	6		.05	.66			**Electrical**
1	2	3	4	5	6		.05	.66	.01		Communication Devices
1	2	3	4	5	6		.05	.66	.02		Lighting Fixtures
1	2	3	4	5	6		.05	.66	.03		Power Transmission and Distribution
1	2	3	4	5	6		.05	.66	.04		Electric Utilities
1	2	3	4	5	6		.05	.66	.05		Instrumentation and Controls
1	2	3	4	5	6		.05	.66	.9x		Other
1	2	3	4	5	6	8	.05	.9x			**Other**
1	2	3	4	5	6	8	.06	.00			**SURVEILLANCE AND MAINTENANCE**
1	2	3	4	5	6	8	.06	.01			**Facility Transition**
1	2	3	4	5	6	8	.06	.01	.01		Develop End-Point Criteria
1	2	3	4	5	6	8	.06	.01	.02		End-Point Criteria Verification
1	2	3	4	5	6	8	.06	.01	.9x		Other
1	2	3	4	5	6	8	.06	.02			**Outdoor Surveillance and Maintenance**
1	2	3	4	5	6	8	.06	.02	.01		Surveillance and Inspections
1	2	3	4	5	6	8	.06	.02	.02		Routine Radiological Surveys
1	2	3	4	5	6	8	.06	.02	.03		Maintenance and Revegetation
1	2	3	4	5	6	8	.06	.02	.04		Corrective Actions
1	2	3	4	5	6	8	.06	.02	.05		Herbicide and Pesticide Applications
1	2	3	4	5	6	8	.06	.02	.9x		Other
1	2	3	4	5	6	8	.06	.03			**Indoor Surveillance and Maintenance**
1	2	3	4	5	6	8	.06	.03	.01		Surveillance and Inspections
1	2	3	4	5	6	8	.06	.03	.02		Facility/Building Maintenance
1	2	3	4	5	6	8	.06	.03	.03		Facility Risk Assessment
1	2	3	4	5	6	8	.06	.03	.04		Major Facility Repairs
1	2	3	4	5	6	8	.06	.03	.05		Facility System Replacement
1	2	3	4	5	6	8	.06	.03	.06		Asbeston Containing Material Encapsulation (also .15.04.08)
1	2	3	4	5	6	8	.06	.03	.07		Routine Radiological Surveys
1	2	3	4	5	6	8	.06	.03	.9x		Other
1	2	3	4	5	6	8	.06	.9x			**Other**
1	2	3	4	5	6		.07	.00			**INVESTIGATIONS AND MONITORING/SAMPLE COLLECTION**
1	2	3	4				.07	.01			**Site Reconnaissance**
1	2	3					.07	.01	.01		Ecological Resources Reconnaissance
1	2	3					.07	.01	.02		Well Inventory
1	2	3					.07	.01	.03		Residential Well Sampling
1	2	3					.07	.01	.04		Land Survey (Above and Below Ground Level)
1	2	3					.07	.01	.05		Topographic Mapping
1	2	3	4				.07	.01	.06		Field Screening
1	2	3					.07	.01	.07		Facility Survey and Characterization
1	2	3					.07	.01	.07	.01	*Collection and review of existing documents*
1	2	3					.07	.01	.07	.02	*Inventory of equipment and materials*
1	2	3					.07	.01	.07	.03	*Structural characterization*
1	2	3					.07	.01	.07	.9x	*Other*
1	2	3					.07	.01	.9x		Other
1	2	3	4	5	6		.07	.02			**Meteorological Monitoring**
1	2	3	4	5	6		.07	.02	.01		Meteorological Monitoring Station
1	2	3	4	5	6		.07	.02	.02		Instrument Shelter
1	2	3	4	5	6		.07	.02	.9x		Other
1	2	3	4	5	6		.07	.03			**Site Contaminant Surveys/Radiation Monitoring**
1	2	3	4	5	6		.07	.04			**Hydrogeological Investigations - Groundwater**
1	2	3	4				.07	.04	.01		Hydro Punch
1	2	3	4				.07	.04	.02		Tidal Influence Study
1	2	3	4				.07	.04	.03		Hydraulic Tests (Pump Test)
1	2	3	4				.07	.04	.04		Groundwater Elevation Measurement
1	2	3	4				.07	.04	.9x		Other
1	2	3	4	5	6		.07	.05			**Hydrogeological Investigations - Surface Water**
1	2	3	4				.07	.05	.01		Tidal Influence Study
1	2	3	4				.07	.05	.02		Surface Water Elevation Measurement
1	2	3	4				.07	.05	.9x		Other
1	2	3	4	5	6		.07	.06			**Geophysical/Geotechnical Investigation**
1	2	3	4				.07	.06	.01		Geological Investigations (Soils/Sediments)
1	2	3	4				.07	.06	.02		Surface Geophysical Activity
1	2	3	4				.07	.06	.03		Magnetometer
1	2	3	4				.07	.06	.04		Electromagnetics

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					ENVIRONMENTAL COST ELEMENT STRUCTURE
1	2	3	4				.07	.06	.05		Ground Penetration Radar
1	2	3	4				.07	.06	.06		Seismic Refraction
1	2	3	4				.07	.06	.07		Resistivity
1	2	3	4				.07	.06	.08		Site Meteorology
1	2	3	4				.07	.06	.09		Cone Penetrometer Survey
1	2	3	4				.07	.06	.10		Remote Sensor Survey
1	2	3	4				.07	.06	.9x		Other
1	2	3	4	5	6		.07	.07			**Ecological Investigation**
1	2	3	4				.07	.07	.01		Wetland and Habitat Delineation
1	2	3	4				.07	.07	.02		Wildlife Observations
1	2	3	4				.07	.07	.03		Community Characterization
1	2	3	4				.07	.07	.04		Identification of Endangered Species
1	2	3	4				.07	.07	.9x		Other
1	2	3	4	5	6		.07	.08			**Air Monitoring and Sampling**
1	2	3	4	5	6		.07	.08	.01		Sample Collection
1	2	3	4	5	6		.07	.08	.02		Air Monitoring Station
1	2	3	4	5	6		.07	.08	.9x		Other
1	2	3	4	5	6		.07	.09			**Groundwater Sampling/Monitoring**
1	2	3	4	5	6		.07	.09	.01		Sample Collection
1	2	3	4	5	6		.07	.09	.02		Well Refurbishment
1	2	3	4	5	6		.07	.09	.9x		Other
1	2	3	4	5	6		.07	.10			**Surface Water Sampling**
1	2	3	4	5	6		.07	.10	.01		Sample Collection
1	2	3	4	5	6		.07	.10	.02		Decon of Equipment
1	2	3	4	5	6		.07	.10	.9x		Other
1	2	3	4	5	6		.07	.11			**Soil/Sediment Sampling**
1	2	3	4	5	6		.07	.11	.01		Surface Soil Sample Collection
1	2	3	4	5	6		.07	.11	.02		Subsurface Soil Sample Collection
1	2	3	4	5	6		.07	.11	.03		Soil Boring/Permeability Sampling
1	2	3	4	5	6		.07	.11	.04		Sediments Sample Collection
1	2	3	4	5	6		.07	.11	.05		Soil Gas Survey
1	2	3	4	5	6		.07	.11	.06		Test Pit
1	2	3	4	5	6		.07	.11	.9x		Other
1	2	3	4	5	6		.07	.12			**Ecological Sampling**
1	2	3	4	5	6		.07	.12	.01		Biota Sampling/Population Studies
1	2	3	4	5	6		.07	.12	.9x		Other
1	2	3	4	5	6		.07	.13			**Material/Waste Sampling**
1	2	3	4	5	6		.07	.13	.01		Sample Collection - Gas
1	2	3	4	5	6		.07	.13	.02		Sample Collection - Liquid
1	2	3	4	5	6		.07	.13	.03		Sample Collection - Solid
1	2	3	4	5	6		.07	.13	.9x		Other
1	2	3	4	5	6		.07	.14			**Contaminated Building Survey/Structures/Equipment Samples**
1	2	3	4	5	6		.07	.14	.01		Hand Scanning
1	2	3	4	5	6		.07	.14	.02		Smears and Swipes
1	2	3	4	5	6		.07	.14	.03		Destructive Sampling (Including Removal of Paints, Drilling, Cutting of Structures/Equipment, etc)
1	2	3	4	5	6		.07	.14	.04		Other
1	2	3	4	5	6		.07	.15			**Monitoring Well**
1	2	3	4	5	6		.07	.16			**Site-Specific Geographical Information System (GIS)**
1	2	3	4	5	6		.07	.17			**Historical/Cultural/Archeological Investigation**
1	2	3	4	5	6		.07	.9x			**Other**
1	2	3	4	5	6		.08	.00			**SAMPLE ANALYSIS**
1	2	3	4	5	6		.08	.01			**Air/Gas Sample Analysis**
1	2	3	4	5	6		.08	.01	.01		Organic
1	2	3	4	5	6		.08	.01	.02		Inorganic
1	2	3	4	5	6		.08	.01	.03		Radiochemistry
1	2	3	4	5	6		.08	.01	.9x		Other
1	2	3	4	5	6		.08	.02			**Groundwater Sample Analysis**
1	2	3	4	5	6		.08	.02	.01		Organic
1	2	3	4	5	6		.08	.02	.02		Inorganic
1	2	3	4	5	6		.08	.02	.03		Radiochemistry
1	2	3	4	5	6		.08	.02	.9x		Other
1	2	3	4	5	6		.08	.03			**Surface Water Sample Analysis**
1	2	3	4	5	6		.08	.03	.01		Organic
1	2	3	4	5	6		.08	.03	.02		Inorganic

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					ENVIRONMENTAL COST ELEMENT STRUCTURE
1	2	3	4	5	6		.08	.03	.03		Radiochemistry
1	2	3	4	5	6		.08	.03	.9x		Other
1	2	3	4	5	6		.08	.04			**Soil/Sediment Sample Analysis**
1	2	3	4	5	6		.08	.04	.01		Organic
1	2	3	4	5	6		.08	.04	.02		Inorganic
1	2	3	4	5	6		.08	.04	.03		Radiochemistry
1	2	3	4	5	6		.08	.04	.04		Physical Characteristics (e.g., Size Distribution, Moisture Content, Porosity, Etc)
1	2	3	4	5	6		.08	.04	.9x		Other
1	2	3	4	5	6		.08	.05			**Gas Waste Sample Analysis**
1	2	3	4	5	6		.08	.05	.01		Organic
1	2	3	4	5	6		.08	.05	.02		Inorganic
1	2	3	4	5	6		.08	.05	.03		Radiochemistry
1	2	3	4	5	6		.08	.05	.9x		Other
1	2	3	4	5	6		.08	.06			**Liquid Material/Waste Sample Analysis**
1	2	3	4	5	6		.08	.06	.01		Organic
1	2	3	4	5	6		.08	.06	.02		Inorganic
1	2	3	4	5	6		.08	.06	.03		Radiochemistry
1	2	3	4	5	6		.08	.06	.9x		Other
1	2	3	4	5	6		.08	.07			**Solid Material/Waste Sample Analysis**
1	2	3	4	5	6		.08	.07	.01		Organic
1	2	3	4	5	6		.08	.07	.02		Inorganic
1	2	3	4	5	6		.08	.07	.03		Radiochemistry
1	2	3	4	5	6		.08	.07	.9x		Other
1	2	3	4	5	6		.08	.08			**Biota Sample Analysis**
1	2	3	4	5	6		.08	.08	.01		Organic
1	2	3	4	5	6		.08	.08	.02		Inorganic
1	2	3	4	5	6		.08	.08	.03		Radiochemistry
1	2	3	4	5	6		.08	.08	.9x		Other
1	2	3	4	5	6		.08	.09			**Bioassay Sample Analysis**
1	2	3	4	5	6		.08	.10			**Bioaccumulation Studies**
1	2	3	4	5	6		.08	.11			**Mobile - Air/Gas Sample Analysis**
1	2	3	4	5	6		.08	.12			**Mobile - Groundwater Sample Analysis**
1	2	3	4	5	6		.08	.13			**Mobile - Surface Water Sample Analysis**
1	2	3	4	5	6		.08	.14			**Mobile - Soil/Sediment Sample Analysis**
1	2	3	4	5	6		.08	.15			**Mobile - Gas Waste Sample Analysis**
1	2	3	4	5	6		.08	.16			**Mobile - Liquid Waste Sample Analysis**
1	2	3	4	5	6		.08	.17			**Mobile - Solid Waste Sample Analysis**
1	2	3	4	5	6		.08	.18			**Mobile - Biota Sample Analysis**
1	2	3	4	5	6		.08	.19			**Real Time - Air/Gas Sample Analysis**
1	2	3	4	5	6		.08	.19	.01		Organic
1	2	3	4	5	6		.08	.19	.02		Inorganic
1	2	3	4	5	6		.08	.19	.03		Radiochemistry
1	2	3	4	5	6		.08	.19	.9x		Other
1	2	3	4	5	6		.08	.20			**Real Time - Groundwater Sample Analysis**
1	2	3	4	5	6		.08	.20	.01		Organic
1	2	3	4	5	6		.08	.20	.02		Inorganic
1	2	3	4	5	6		.08	.20	.03		Radiochemistry
1	2	3	4	5	6		.08	.20	.04		Physical Parameters (pH, Temperature, Turbidity, etc)
1	2	3	4	5	6		.08	.20	.9x		Other
1	2	3	4	5	6		.08	.21			**Real Time - Surface Water Sample Analysis**
1	2	3	4	5	6		.08	.22			**Real Time - Soil/Sediment Sample Analysis**
1	2	3	4	5	6		.08	.23			**Real Time - Gas Waste Sample Analysis**
1	2	3	4	5	6		.08	.24			**Real Time - Liquid Waste Sample Analysis**
1	2	3	4	5	6		.08	.25			**Real Time - Solid Waste Sample Analysis**
1	2	3	4	5	6		.08	.9x			**Other**
1	2	3	4	5	6		.09	.00			**SAMPLE MANAGEMENT/DATA VALIDATION/DATA EVALUATION**
1	2	3	4	5	6		.09	.01			**Prepare and Ship Environmental Samples**
1	2	3	4	5	6		.09	.01	.01		Groundwater Samples
1	2	3	4	5	6		.09	.01	.02		Surface and Subsurface Soil Samples
1	2	3	4	5	6		.09	.01	.03		Surface Water and Sediment Samples
1	2	3	4	5	6		.09	.01	.04		Air Samples
1	2	3	4	5	6		.09	.01	.05		Biota Samples
1	2	3	4	5	6		.09	.01	.9x		Other
1	2	3	4	5	6		.09	.02			**Coordinate with Sample MGT Personnel/Regulators**

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
1	2	3	4	5	6		.09	.03			**Implement EPA-Approved Laboratory QA Program**
1	2	3	4	5	6		.09	.04			**Provide Sample Management**
1	2	3	4	5	6		.09	.04	.01		Chain of Custody
1	2	3	4	5	6		.09	.04	.02		Sample Retention
1	2	3	4	5	6		.09	.04	.03		Data Storage/Data Management
1	2	3	4	5	6		.09	.04	.9x		Other
1	2	3	4	5	6		.09	.05			**Derived Waste Disposal (Gas, Liquid, Solid)**
1	2	3	4	5	6		.09	.06			**Perform Data Validation**
1	2	3	4	5	6		.09	.06	.01		Review Analysis Results to Validation Criteria
1	2	3	4	5	6		.09	.06	.02		Provide Written Documentation of Validation Effort
1	2	3	4	5	6		.09	.06	.9x		Other
1	2	3	4	5	6		.09	.07			**Data Usability Evaluation/Field QA/QC**
1	2	3	4	5	6		.09	.08			**Data Reduction, Tabulation and Evaluation/Analysis**
1	2	3	4	5	6		.09	.08	.01		Evaluate Geological Data (Soils/Sediments)
1	2	3	4	5	6		.09	.08	.02		Evaluate Air Data
1	2	3	4	5	6		.09	.08	.03		Evaluate Hydrogeological Data - Groundwater
1	2	3	4	5	6		.09	.08	.04		Evaluate Hydrogeological Data - Surface Water
1	2	3	4	5	6		.09	.08	.05		Evaluate Waste Data
1	2	3	4	5	6		.09	.08	.06		Evaluate Geophysical Data
1	2	3	4	5	6		.09	.08	.07		Evaluate Ecological Data
1	2	3	4	5	6		.09	.08	.08		Evaluate Historical/Cultural/Archeological Data
1	2	3	4	5	6		.09	.08	.9x		Other
1	2	3	4	5	6		.09	.09			**Modeling**
1	2	3	4	5	6		.09	.09	.01		Contaminant Concentration, Location, Fate and Transport Modeling
1	2	3	4	5	6		.09	.09	.02		Water Quality
1	2	3	4	5	6		.09	.09	.03		Groundwater
1	2	3	4	5	6		.09	.09	.04		Air
1	2	3	4	5	6		.09	.09	.9x		Other
1	2	3	4	5	6		.09	.10			**Document Data Evaluation**
1	2	3	4	5	6		.09	.11			**Combined Sample Management**
1	2	3	4	5	6		.09	.12			**Combined Data Management**
			4	5			.09	.13			**Data Review for Effectiveness**
1	2	3	4	5	6		.09	.9x			**Other**
	2	3					.10	.00			**TREATABILITY/RESEARCH AND DEVELOPMENT**
	2	3					.10	.01			**Literature Search**
	2	3					.10	.02			**Data Collection**
	2	3					.10	.03			**Develop Treatability Workplan**
	2	3					.10	.04			**Design/Procure New Tools and Equipment**
		3					.10	.04	.01		Design and Procure New Equipment for Dismantling the Reactor Vessel and Internals
		3					.10	.04	.02		Design and Procure New Equipment for Remote Handling Device or Articulated Manipulators
		3					.10	.04	.03		Design and Procure New Equipment for Constraint Handling, Packaging and Transportation Requirement
		3					.10	.04	.04		Design and Procure New Equipment for Remote Disassembly/Segmentation for Complex Subcomponents
		3					.10	.04	.05		Design and Procure New Equipment for Remote Underwater Work
		3					.10	.04	.05	.01	*Remote-viewing systems for underwater operations*
		3					.10	.04	.05	.02	*Feedback and control systems for underwater operations*
		3					.10	.04	.05	.03	*Turntables for underwater operations*
		3					.10	.04	.05	.04	*Support systems for maintaining water clarity*
		3					.10	.04	.05	.05	*Support systems for collecting cutting fines*
		3					.10	.04	.05	.06	*Support system to control/eliminate explosive gas mixtures formation during cutting or from dissolution of* H_2O
		3					.10	.04	.05	.9x	*Other*
		3					.10	.04	.06		Design and Procure New Equipment for Complex Waste Treatment
		3					.10	.04	.07		Design and Procure New Equipment for Complex Environmental Remediation Tasks
		3					.10	.04	.08		Design and Procure New Equipment for Dismantling Other Components and Structures
		3					.10	.04	.09		Leasing of New or Specialty Equipment
		3					.10	.04	.10		Design and Procure New Measurement and Calculation Devices and Techniques
		3					.10	.04	.9x		Other
	2	3					.10	.05			**Bench Test**

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
	2	3					**.10**	**.05**	**.01**		Provide Test Facility and Equipment
	2	3					**.10**	**.05**	**.02**		Provide Vendor and Analytical Service
	2	3					**.10**	**.05**	**.03**		Test and Operate Equipment
	2	3					**.10**	**.05**	**.04**		Retrieve Sample for Testing
	2	3					**.10**	**.05**	**.05**		Laboratory Analysis
	2	3					**.10**	**.05**	**.06**		Characterize and Dispose of Residuals
	2	3					**.10**	**.05**	**.9x**		Other
	2	3					**.10**	**.06**			**Pilot-Scale Test**
	2	3					**.10**	**.06**	**.01**		Provide Test Facility and Equipment
	2	3					**.10**	**.06**	**.02**		Provide Vendor and Analytical Service
	2	3					**.10**	**.06**	**.03**		Test and Operate Equipment
	2	3					**.10**	**.06**	**.04**		Retrieve Sample for Testing
	2	3					**.10**	**.06**	**.05**		Laboratory Analysis
	2	3					**.10**	**.06**	**.06**		Characterize and Dispose of Residuals
	2	3					**.10**	**.06**	**.9x**		Other
	2	3					**.10**	**.07**			**Field Test**
	2	3					**.10**	**.07**	**.01**		Provide Test Facility and Equipment
	2	3					**.10**	**.07**	**.02**		Provide Vendor and Analytical Service
	2	3					**.10**	**.07**	**.03**		Test and Operate Equipment
	2	3					**.10**	**.07**	**.04**		Retrieved Sample For Testing
	2	3					**.10**	**.07**	**.05**		Laboratory Analysis
	2	3					**.10**	**.07**	**.06**		Characterize and Dispose of Residuals
	2	3					**.10**	**.07**	**.9x**		Other
	2	3					**.10**	**.08**			**Test Special Tools/Equipment**
	2	3					**.10**	**.09**			**Design, Procure, Test New Procedures/Specifications**
		3					**.10**	**.09**	**.01**		For Hardware and Softwares
		3					**.10**	**.09**	**.02**		For Operations and Maintenance
		3					**.10**	**.09**	**.03**		Installation
		3					**.10**	**.09**	**.04**		Testing
		3					**.10**	**.09**	**.05**		Performance Measurement
		3					**.10**	**.09**	**.9x**		Other
	2	3					**.10**	**.10**			**Simulation/Modeling**
	2	3					**.10**	**.11**			**Document Treatability Study**
	2	3					**.10**	**.11**	**.01**		Compose Draft Report
	2	3					**.10**	**.11**	**.02**		Respond to Comments/Finalize Report
	2	3					**.10**	**.11**	**.03**		Reproduction/Distribution
	2	3					**.10**	**.11**	**.9x**		Other
	2	3					**.10**	**.12**			**Status Review**
	2	3					**.10**	**.12**	**.01**		Technology Comparisons
	2	3					**.10**	**.12**	**.02**		Performance Comparisons
	2	3					**.10**	**.12**	**.03**		Technology Review for Ease of Operations, Waste Generation, Future Decontamination and Decommissioning
	2	3					**.10**	**.12**	**.9x**		Other
	2	3					**.10**	**.13**			**Technology Transfer**
	2	3					**.10**	**.14**			**Product Qualification, Characterization, & Certification**
	2	3					**.10**	**.9x**			**Other**
			4	5			**.11**	**.00**			**TREATMENT PLANT/FACILITY/PROCESS**
			4	5			**.11**	**.01**			**Covered Treatment Train Technologies Unit**
			4	5			**.11**	**.02**			**Sheds & Other Supporting Facilities**
			4	5			**.11**	**.03**			**Simple Treatment Facilities (e.g., Equipment Slabs, Foundation, Utilities)**
			4	5			**.11**	**.04**			**Treatment Train Facility (e.g., Rain Covers, Foundation, Utilities)**
			4	5			**.11**	**.05**			**Full-Scale Environmental Management Plant/Facility**
			4	5			**.11**	**.06**			**Environmental Management Low/Moderate Hazard Treatment Front-End**
			4	5			**.11**	**.06**	**.01**		Receiving & Inspection
			4	5			**.11**	**.06**	**.02**		Assay
			4	5			**.11**	**.06**	**.03**		Container Handling
			4	5			**.11**	**.06**	**.04**		Waste Stream Sort/Separation - Contact Handled
			4	5			**.11**	**.06**	**.05**		Separation/Handling Special Materials/Wastes
			4	5			**.11**	**.06**	**.9x**		Other
			4	5			**.11**	**.07**			**Environmental Management High Hazard/Remote Treatment Front-End**
			4	5			**.11**	**.07**	**.01**		Receiving & Inspection

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
			4	5			**.11**	**.07**	**.02**		Assay
			4	5			**.11**	**.07**	**.03**		Waste Stream Sort/Separation - Remote Handled
			4	5			**.11**	**.07**	**.04**		Remote - Container Handling
			4	5			**.11**	**.07**	**.05**		Separation/Handling Special Materials/Wastes
			4	5			**.11**	**.07**	**.9x**		Other
			4	5			**.11**	**.08**			**Environmental Management Low Hazard Functional Area (e.g., Hazardous/Toxic)**
			4	5			**.11**	**.09**			**Environmental Management Moderate Hazard Functional Area (e.g., Hazardous/Toxic, LLW & MLLW)**
			4	5			**.11**	**.10**			**Environmental Management High Hazard Functional Area (e.g., ALLW, MALLW, TRU, Spent Fuel, & CWM)**
			4	5			**.11**	**.11**			**Environmental Management Remote Functional Area (e.g., ALLW, MALLW, TRU, Spent Fuel, & CWM)**
			4	5			**.11**	**.12**			**Waste Treatment Fees and Taxes**
			4				**.11**	**.13**			**Facility Commissioning Activities**
			4				**.11**	**.13**	**.01**		Pre-Operations
			4				**.11**	**.13**	**.02**		Cold Commissioning
			4				**.11**	**.13**	**.03**		Hot Commissioning
			4				**.11**	**.13**	**.9x**		Other
			4	5			**.11**	**.9x**			**Other**
			4	5	6		**.12**	**.00**			**STORAGE FACILITY**
							.12	**.01**			**Reserved for Future Use**
			4	5	6		**.12**	**.02**			**Conventional Storage/Warehouses**
			4	5	6		**.12**	**.02**	**.01**		Waste Storage Area (Pads & Cribs)
			4	5	6		**.12**	**.02**	**.02**		Waste Storage Structure/Building
			4	5	6		**.12**	**.02**	**.9x**		Other
			4	5	6		**.12**	**.03**			**Storage Facility Front-End - Low/Moderate Hazard**
			4	5	6		**.12**	**.03**	**.01**		Receiving & Inspection
			4	5	6		**.12**	**.03**	**.02**		Assay
			4	5	6		**.12**	**.03**	**.03**		Container Handling
			4	5	6		**.12**	**.03**	**.04**		Waste Stream Sort/Separation - Contact Handled
			4	5	6		**.12**	**.03**	**.05**		Separation/Handling Special Materials/Wastes
			4	5	6		**.12**	**.03**	**.9x**		Other
			4	5	6		**.12**	**.04**			**Storage Facility Front-End - High/Remote Hazard**
			4	5	6		**.12**	**.04**	**.01**		Receiving & Inspection
			4	5	6		**.12**	**.04**	**.02**		Assay
			4	5	6		**.12**	**.04**	**.03**		Waste Stream Sort/Separation - Remote Handled
			4	5	6		**.12**	**.04**	**.04**		Remote - Container Handling
			4	5	6		**.12**	**.04**	**.05**		Separation/Handling Special Materials/Wastes
			4	5	6		**.12**	**.04**	**.9x**		Other
			4	5	6		**.12**	**.05**			**Contact Handled Storage**
			4	5	6		**.12**	**.05**	**.01**		Low Hazardous Storage
			4	5	6		**.12**	**.05**	**.02**		Vault Storage
			4	5	6		**.12**	**.05**	**.03**		Silo Storage
			4	5	6		**.12**	**.05**	**.04**		Intermediate Fuel Storage
			4	5	6		**.12**	**.05**	**.04**	**.01**	*Wet intermediate storage*
			4	5	6		**.12**	**.05**	**.04**	**.02**	*Dry intermediate storage*
			4	5	6		**.12**	**.05**	**.04**	**.9x**	*Other*
			4	5	6		**.12**	**.05**	**.9x**		Other
			4	5	6		**.12**	**.06**			**Remote Handled Storage**
			4	5	6		**.12**	**.06**	**.01**		Vault Storage
			4	5	6		**.12**	**.06**	**.02**		Silo Storage
			4	5	6		**.12**	**.06**	**.03**		Pool Storage
			4	5	6		**.12**	**.06**	**.9x**		Other
			4	5	6		**.12**	**.07**			**Mixed Waste Storage**
			4	5			**.12**	**.08**			**Facilities and Sheds for Temporary Storage**
			4	5	6		**.12**	**.09**			**Waste Storage Fees and Taxes**
			4	5	6		**.12**	**.9x**			**Other**
			4	5	6		**.13**	**.00**			**DISPOSAL FACILITY/PROCESS**
							.13	**.01**			**Reserved for Future Use**
			4	5	6		**.13**	**.02**			**Disposal Facility Front-End - Low/Moderate Hazard**
			4	5	6		**.13**	**.02**	**.01**		Receiving & Inspection
			4	5	6		**.13**	**.02**	**.02**		Assay
			4	5	6		**.13**	**.02**	**.03**		Container Handling

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					ENVIRONMENTAL COST ELEMENT STRUCTURE
			4	5	6		.13	.02	.04		Waste Stream Sort/Separation - Contact Handled
			4	5	6		.13	.02	.05		Separation/Handling Special Materials/Wastes
			4	5	6		.13	.02	.9x		Other
			4	5	6		.13	.03			**Disposal Facility Front-End - High/Remote Hazard**
			4	5	6		.13	.03	.01		Receiving & Inspection
			4	5	6		.13	.03	.02		Assay
			4	5	6		.13	.03	.03		Waste Stream Sort/Separation - Remote Handled
			4	5	6		.13	.03	.04		Remote - Container Handling
			4	5	6		.13	.03	.05		Separation/Handling Special Materials/Wastes
			4	5	6		.13	.03	.9x		Other
			4	5	6		.13	.04			**Landfill**
			4	5	6		.13	.05			**Aboveground Vault**
			4	5	6		.13	.06			**Underground Vault**
			4	5	6		.13	.07			**Underground Mine/Shaft**
			4	5	6		.13	.08			**Tanks**
			4	5	6		.13	.09			**Pads (Tumulus/Retrievable Storage/Other)**
			4	5	6		.13	.10			**Confined Disposal Facilities (CDFs)**
			4	5	6		.13	.11			**Engineered Disposal**
			4	5	6		.13	.12			**Intermediate Depth Disposal (Burial Ground/Trench/Pits)**
			4	5	6		.13	.13			**Geologic Disposal**
			4	5	6		.13	.14			**Shallow Land Disposal**
			4	5	6		.13	.15			**Deep Well Injection**
			4	5	6		.13	.16			**Silo Disposal**
			4	5	6		.13	.17			**Bore - Hole Disposal**
			4	5	6		.13	.18			**Disposal Fees and Taxes**
			4	5	6		.13	.9x			**Other**
			4				.14	.00			**ORDNANCE & EXPLOSIVES (OE) REMOVAL & DESTRUCTION (CWM is in .11 and .21-.31, and .34)**
			4				.14	.01			**Demolition for OE Removal**
			4				.14	.02			**Brush Clearing with OE**
			4				.14	.03			**Blast Mats**
			4				.14	.04			**Blast Shields**
			4				.14	.05			**Surface Sweep (Visual)**
			4				.14	.06			**Surface Sweep (Magnetometer)**
			4				.14	.07			**Surface Sweep (Mag & Flag)**
			4				.14	.08			**Excavate by Hand 0' - 2' Depth**
			4				.14	.09			**Excavate with Heavy Equipment > 2' Depth**
			4				.14	.10			**Sifting**
			4				.14	.11			**Removal of Chemical Warfare Material (CWM)**
			4				.14	.12			**OE On-Site Destruction**
			4				.14	.13			**Bunkers (Temporary)**
			4				.14	.9x			**Other (Use Numbers 90-99)**
			4		6		.15	.00			**DRUMS/TANKS/STRUCTURES/MISCELLANEOUS REMOVAL/ABATEMENT**
			4				.15	.01			**Drum Removal**
			4				.15	.02			**Tank Removal**
			4				.15	.03			**Structure Removal**
			4				.15	.03	.01		Foundations
			4				.15	.03	.02		Columns
			4				.15	.03	.03		Beams and Supports
			4				.15	.03	.9x		Other
			4				.15	.04			**Asbestos Abatement**
			4				.15	.04	.01		Establishment of Containment Around Contaminated Material to be Removed
			4				.15	.04	.01	.01	*Temporary barrier*
			4				.15	.04	.01	.02	*Tenting*
			4				.15	.04	.01	.03	*Glovebags*
			4				.15	.04	.02		Air Cleaning Units
			4				.15	.04	.03		Secondary Containment
			4				.15	.04	.04		Wet Asbestos Containing Material with Amended Solutions
			4				.15	.04	.05		Cut and Remove Asbestos Containing Material
			4				.15	.04	.05	.01	*Reciprocating saw*
			4				.15	.04	.05	.02	*Portable band saw*
			4				.15	.04	.05	.03	*Mechanical shears*
			4				.15	.04	.06		Prepare, Package and Remove ACM
			4				.15	.04	.07		Wet Brush or Clean Work Area and Surfaces

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
			4				**.15**	**.04**	**.08**		Apply Encapsulant to All Surfaces in Work Area
			4				**.15**	**.04**	**.09**		Provisions for Changing, Washing, and Waste Handling
			4				**.15**	**.04**	**.9x**		Other
			4				**.15**	**.05**			**Piping & Pipeline Removal**
			4		6		**.15**	**.06**			**Well Abandonment**
			4				**.15**	**.06**	**.01**		Remove Obstacles Out of Borehole
			4				**.15**	**.06**	**.02**		Pull Casing
			4				**.15**	**.06**	**.03**		Well Grouting/Sealing of Annual Space
			4				**.15**	**.06**	**.04**		Aggregates
			4				**.15**	**.06**	**.05**		Sealants-Bentonite Clay, Portland Cement, Concrete, or Other
			4				**.15**	**.06**	**.06**		Grout Pumps and Tremmie Pipe
			4				**.15**	**.06**	**.07**		Storage Tanks
			4				**.15**	**.06**	**.08**		Transportation of Technology Components
			4				**.15**	**.06**	**.09**		Setup and Startup
			4				**.15**	**.06**	**.9x**		Other
			4				**.15**	**.9x**			**Other**
			4	5	6		**.16**	**.00**			**AIR POLLUTION/GAS COLLECTION AND CONTROL**
			4	5	6		**.16**	**.01**			**Gas/Vapor Collection Trench System**
			4	5	6		**.16**	**.02**			**Gas/Vapor Collection Well System**
			4	5	6		**.16**	**.03**			**Gas/Vapor Collection at Lagoon Cover**
			4	5	6		**.16**	**.04**			**Fugitive Dust/Vapor/Gas Emission Control**
			4	5	6		**.16**	**.9x**			**Other**
			4	5	6		**.17**	**.00**			**SURFACE WATER/SEDIMENTS CONTAINMENT, COLLECTION, AND CONTROL**
			4	5	6		**.17**	**.01**			**Dredging/Excavating**
			4	5	6		**.17**	**.01**	**.01**		Hydraulic
			4	5	6		**.17**	**.01**	**.02**		Mechanical
			4	5	6		**.17**	**.01**	**.03**		Pneumatic
			4	5	6		**.17**	**.01**	**.9x**		Other
			4	5	6		**.17**	**.02**			**Berms**
			4				**.17**	**.02**	**.01**		Rock Excavation
			4				**.17**	**.02**	**.02**		Excavation/Fill
			4				**.17**	**.02**	**.03**		Backfill
			4				**.17**	**.02**	**.04**		Borrow
			4				**.17**	**.02**	**.05**		Hauling
			4				**.17**	**.02**	**.06**		Spreading
			4				**.17**	**.02**	**.07**		Grading
			4				**.17**	**.02**	**.08**		Compaction
			4				**.17**	**.02**	**.09**		Scarification
			4				**.17**	**.02**	**.10**		Harrowing
			4				**.17**	**.02**	**.11**		Tracking
			4				**.17**	**.02**	**.12**		Contour Furrowing
			4				**.17**	**.02**	**.13**		Stockpiling
			4				**.17**	**.02**	**.14**		Topsoil
			4				**.17**	**.02**	**.15**		Settlement Markers
			4				**.17**	**.02**	**.16**		Stripping
			4				**.17**	**.02**	**.17**		Riprap
			4				**.17**	**.02**	**.9x**		Other
			4	5	6		**.17**	**.03**			**Floodwalls**
			4				**.17**	**.03**	**.01**		Excavation
			4				**.17**	**.03**	**.02**		Backfill
			4				**.17**	**.03**	**.03**		Concrete
			4	5	6		**.17**	**.03**	**.9x**		Others (Use Numbers 90-99)
			4	5	6		**.17**	**.04**			**Levees/Dams/Dike**
			4				**.17**	**.04**	**.01**		Rock Excavation
			4				**.17**	**.04**	**.02**		Excavation/Fill
			4				**.17**	**.04**	**.03**		Backfill
			4				**.17**	**.04**	**.04**		Borrow
			4				**.17**	**.04**	**.05**		Hauling
			4				**.17**	**.04**	**.06**		Spreading
			4				**.17**	**.04**	**.07**		Grading
			4				**.17**	**.04**	**.08**		Compaction
			4				**.17**	**.04**	**.09**		Scarification
			4				**.17**	**.04**	**.10**		Harrowing
			4				**.17**	**.04**	**.11**		Tracking

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					ENVIRONMENTAL COST ELEMENT STRUCTURE
			4				.17	.04	.12		Contour Furrowing
			4				.17	.04	.13		Stockpiling
			4				.17	.04	.14		Topsoil
			4				.17	.04	.15		Settlement Markers
			4				.17	.04	.16		Stripping
			4				.17	.04	.17		Riprap
			4				.17	.04	.9x		Other
			4	5	6		.17	.05			**Terraces and Benches**
			4	5	6		.17	.06			**Channels/Waterways/Ditches**
			4	5	6		.17	.07			**Chutes or Flumes**
			4	5	6		.17	.08			**Sediments Barriers**
			4	5	6		.17	.09			**Storm Drainage (See .05.28 for Storm Sewers)**
			4	5	6		.17	.10			**Lagoons/Basins/Tanks**
			4	5	6		.17	.11			**Pumping/Draining/Collection**
			4	5	6		.17	.12			**Erosion Control**
			4	5	6		.17	.13			**Aquatic Barrier**
			4	5	6		.17	.14			**Sediment Capping**
			4	5	6		.17	.9x			**Other**
			4	5	6		.18	.00			**GROUNDWATER CONTAINMENT, COLLECTION, OR CONTROL**
			4	5	6		.18	.01			**Extraction Wells**
			4	5	6		.18	.02			**Injection Wells**
			4	5	6		.18	.03			**Subsurface Drainage/Collection/French Drain**
			4	5	6		.18	.04			**Slurry Walls**
			4	5	6		.18	.05			**Grout Curtain**
			4	5	6		.18	.06			**Sheet Piling**
			4	5	6		.18	.9x			**Other**
			4	5	6		.19	.00			**SOLIDS/SOILS CONTAINMENT (e.g., Capping/Barrier) COLLECTION OR CONTROL**
			4	5			.19	.01			**Contaminated Soil Collection (Excavation)**
			4	5			.19	.02			**Waste Containment, Portable (Furnish/Fill)**
			4	5	6		.19	.03			**Upper Vegetative (Topsoil) Layer**
			4	5	6		.19	.04			**RCRA C Cap**
			4	5	6		.19	.05			**RCRA D Cap**
			4	5	6		.19	.06			**Asphalt/Concrete Layer**
			4	5	6		.19	.07			**Landfill Cap Enhancements**
			4	5	6		.19	.08			**Engineered Barrier**
			4	5	6		.19	.9x			**Other**
			4	5			.20	.00			**LIQUID WASTE/SLUDGE (e.g., UST/AST) CONTAINMENT, COLLECTION, OR CONTROL**
			4	5			.20	.01			**Industrial Vacuuming**
			4	5			.20	.02			**Radioactive Specific Waste Containment**
			4	5			.20	.03			**Pumping/Draining/Collection**
			4	5			.20	.9x			**Other**
			4	5	6		.21	.00			**IN SITU BIOLOGICAL TREATMENT**
			4	5			.21	.01			**Biological Barriers**
							.21	.02			**Reserved for Future Use**
			4	5			.21	.03			**Bioventing**
			4	5			.21	.04			**Cometabolic Treatment**
			4	5			.21	.05			**Constructed Wetlands**
			4	5			.21	.06			**Enhanced Bioremediation**
			4	5			.21	.07			**Land Treatment**
			4		6		.21	.08			**Natural attenuation**
			4	5			.21	.09			**Phytoremediation**
			4	5			.21	.10			**Baroball**
			4	5	6		.21	.9x			**Other**
			4	5			.22	.00			**EX SITU BIOLOGICAL TREATMENT**
			4	5			.22	.01			**Activated Sludge**
			4	5			.22	.02			**Reserved for Future Use**
			4	5			.22	.03			**Biopile (Bioheap, Biomound)**
			4	5			.22	.04			**Cometabolic Treatment**
			4	5			.22	.05			**Genetically Engineered Organism**
			4	5			.22	.06			**Land Farming**
			4	5			.22	.07			**Rotating Biological Contactors**

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					ENVIRONMENTAL COST ELEMENT STRUCTURE
			4	5			.22	.08			Slurry Phase Biological Treatment
			4	5			.22	.09			Trickling Filter
			4	5			.22	.10			Biological Lagoons
			4	5			.22	.11			Anaerobic Sludge Digestion
			4	5			.22	.12			Composting
			4	5			.22	.13			Fungal Biodegredation (White Rot Fungus)
			4	5			.22	.9x			Other
			4	5			.23	.00			IN SITU CHEMICAL TREATMENT
			4	5			.23	.01			Reserved for Future Use
			4	5			.23	.02			Oxygen Release Compounds
			4	5			.23	.03			Neutralization
			4	5			.23	.04			Oxidation / Reduction
			4	5			.23	.05			Soil Flushing (Surfactant / Solvent)
			4	5			.23	.9x			Other
			4	5			.24	.00			EX SITU CHEMICAL TREATMENT
			4	5			.24	.01			Glycolate/ Alkali Metal/Polyethylene Glycol (A/PEG)
			4	5			.24	.02			Base-Catalyzed Decomposition Process
			4	5			.24	.03			Chemical Hydrolysis
			4	5			.24	.04			Chlorination
			4	5			.24	.05			Dehalogenation
			4	5			.24	.06			Hydrogen reduction
			4	5			.24	.07			Ion Exchange
			4	5			.24	.08			Chemical Oxidation / Reduction
			4	5			.24	.09			Oxygen Release Compounds
			4	5			.24	.10			Ozonation
			4	5			.24	.11			Solvent Extraction
			4	5			.24	.12			Neutralization
			4	5			.24	.13			Ultraviolet (UV) Photolysis
			4	5			.24	.14			Ultraviolet (UV) Oxidation
			4	5			.24	.15			Coagulation / Flocculation / Precipitation
			4	5			.24	.16			Activated Alumina (Adsorption/Absorption)
			4	5			.24	.17			Forager Sponge (Adsorption/Absorption)
			4	5			.24	.18			Chemical Extraction (Solvent/Acid/Alkaline Extraction)
			4	5			.24	.9x			Other
			4	5	6		.25	.00			IN SITU PHYSICAL TREATMENT
			4	5			.25	.01			In-Well Air Stripping/Circulating Wells
			4	5			.25	.02			Air Sparging
							.25	.03			Reserved for Future Use
			4	5			.25	.04			Cryogenics (Frozen Soil Barrier)
			4	5			.25	.05			Fracturing (Hydrofracturing)
			4	5			.25	.06			Lasagna Process
			4	5			.25	.07			Laser (Cutting)
			4	5			.25	.08			Laser (Surface Decontamination)
			4	5			.25	.09			Passive/Reactive Treatment Wall
			4	5			.25	.10			Skimming
			4	5			.25	.11			Soil Flushing (Surfactant / Solvent)
			4	5			.25	.12			Solids Dewatering/Drying
							.25	.13			Reserved for Future Use
			4	5			.25	.14			Vacuum Blasting
			4	5	6		.25	.15			Coating
			4	5			.25	.16			Electrokinetics
			4	5			.25	.17			Soil Vapor Extraction
			4	5			.25	.18			Fracturing (Pneumatic)
			4	5			.25	.19			Blast Enhanced Fracturing
			4	5			.25	.20			Directional Wells (Enhancement)
			4	5			.25	.21			Bioslurping
			4	5			.25	.22			Dual Phase Extraction (Multi-Phase)
			4	5			.25	.23			Draw-Down Pumping
			4	5	6		.25	.9x			Other
			4	5			.26	.00			EX SITU PHYSICAL TREATMENT
			4	5			.26	.01			Aeration
			4	5			.26	.02			Advanced Electrical Reactor
			4	5			.26	.03			Agglomeration

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					ENVIRONMENTAL COST ELEMENT STRUCTURE
			4	5			.26	.04			Air Stripping
			4	5			.26	.05			Chelation
							.26	.06			Reserved for Future Use
			4	5			.26	.07			Compaction/Volume Reduction
							.26	.08			Reserved for Future Use
			4	5			.26	.09			Decant/Phase Separation
			4	5			.26	.10			Dissolved Air Floatation
			4	5			.26	.11			Distillation
			4	5			.26	.12			E-Beam
			4	5			.26	.13			Electrochemical Oxidation
							.26	.14			Reserved for Future Use
			4	5			.26	.15			Electrolysis
			4	5			.26	.16			Equalization
			4	5			.26	.17			Evaporation
			4	5			.26	.18			Soil Vapor Extraction
			4	5			.26	.19			Filter Presses
			4	5			.26	.20			Media Filtration
			4	5			.26	.21			Freeze Crystallization
							.26	.22			Reserved for Future Use
			4	5			.26	.23			Granular Activated Carbon Adsorption- Liquid
			4	5			.26	.24			Heavy Media Separation
			4	5			.26	.25			High Pressure Aqueous Destruction
			4	5			.26	.26			Lignin Adsorption / Sorptive Clays
			4	5			.26	.27			Magnetic Separation
			4	5			.26	.28			Membrane Separation-Electrodialysis
			4	5			.26	.29			Reverse Osmosis
			4	5			.26	.30			Oil / Water Separation
			4	5			.26	.31			Sedimentation
			4	5			.26	.32			Shredding
			4	5			.26	.33			Sieving (Size Separation, Screening, Physical Separation)
			4	5			.26	.34			Skimming
			4	5			.26	.35			Soil Washing (Surfactant / Solvent)
			4	5			.26	.36			Solids Dewatering/Drying
			4	5			.26	.37			Sprinkler Irrigation
			4	5			.26	.38			Supercritical Extraction
			4	5			.26	.39			Surfactant Enhanced Recovery
			4	5			.26	.40			Synthetic Resin Adsorption
			4	5			.26	.41			Gravity Separation
			4	5			.26	.42			Cryogenics
			4	5			.26	.43			Nanofiltration
			4	5			.26	.44			Ultrafiltration/Microfiltration
			4	5			.26	.45			Membrane Pervaporation
			4	5			.26	.9x			Other
			4	5			.27	.00			IN SITU THERMAL TREATMENT
			4	5			.27	.01			Thermal Blanket (with Vacuum Extraction)
			4	5			.27	.02			Six-Phase Heating and Extraction
							.27	.03			Reserved for Future Use
			4	5			.27	.04			Steam/Hot Water Injection Vacuum Extraction
			4	5			.27	.05			High Temperature Thermal Desorption
							.27	.06			Reserved for Future Use
			4	5			.27	.07			Low Temperature Thermal Desorption
			4	5			.27	.08			Radiofrequency/Electromagnetic Heating
			4	5			.27	.9x			Other
			4	5			.28	.00			EX SITU THERMAL TREATMENT
			4	5			.28	.01			High Temperature Thermal Desorption
			4	5			.28	.02			Incineration
			4	5			.28	.03			Low Temperature Thermal Desorption
			4	5			.28	.04			Molten Salt Oxidation
			4	5			.28	.05			Open Burn/Open Detonation
			4	5			.28	.06			Plasma
			4	5			.28	.07			Pyrolysis
							.28	.08			Reserved for Future Use
			4	5			.28	.09			Retort/Amalgamation
			4	5			.28	.10			Solar Detoxification/Evaporation

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
			4	5			**.28**	**.11**			**Steam Stripping/Flushing/Reforming**
			4	5			**.28**	**.12**			**Supercritical Water Oxidation**
			4	5			**.28**	**.13**			**Thermally Enhanced Vapor Extraction**
			4	5			**.28**	**.14**			**Molten Metal**
			4	5			**.28**	**.15**			**Hot Gas Decontamination**
			4	5			**.28**	**.9x**			**Other**
			4	5			**.29**	**.00**			**IN SITU STABILIZATION/FIXATION/ENCAPSULATION**
			4	5			**.29**	**.01**			**Asphalt-Based Encapsulation**
			4	5			**.29**	**.02**			**Grout Injection**
			4	5			**.29**	**.03**			**Pozzolan Process**
			4	5			**.29**	**.04**			**In Situ Vitrification**
			4	5			**.29**	**.05**			**In Situ Pipe Grouting**
			4	5			**.29**	**.9x**			**Other**
			4	5			**.30**	**.00**			**EX SITU STABILIZATION/FIXATION/ENCAPSULATION**
			4	5			**.30**	**.01**			**Asphalt-Base Encapsulation**
			4	5			**.30**	**.02**			**Calcination**
			4	5			**.30**	**.03**			**Polymer Based Encapsulation**
			4	5			**.30**	**.04**			**Pozzolan Process (Lime/Portland Cement)**
							.30	**.05**			**Reserved for Future Use**
			4	5			**.30**	**.06**			**Sludge Stabilization (Aggregate / Rock / Slag)**
			4	5			**.30**	**.07**			**Vitrification/Molten Glass**
			4	5			**.30**	**.08**			**Modified Sulfur Cement**
			4	5			**.30**	**.09**			**Polyethylene Extrusion**
			4	5			**.30**	**.10**			**Emulsified Asphalt**
			4	5			**.30**	**.9x**			**Other**
			4	5			**.31**	**.00**			**FACILITY DECOMMISSIONING AND DISMANTLEMENT**
1	2	3	4	5			**.31**	**.01**			**Nuclear Facility Shutdown and Inspection**
			4	5			**.31**	**.01**	**.01**		Plant Shutdown and Inspection
			4	5			**.31**	**.01**	**.02**		Shutdown of Unnecessary Equipment
			4	5			**.31**	**.01**	**.03**		Compilation/Verification of As-Built Drawings
			4	5			**.31**	**.01**	**.04**		General Housekeeping
1	2	3	4	5			**.31**	**.01**	**.05**		Identification, Maintenance, and Refurbishment of Systems and Equipment for Reuse
1	2	3	4				**.31**	**.01**	**.06**		Isolation of Power Equipment
1	2	3	4				**.31**	**.01**	**.06**	**.01**	*Isolation of power generating equipment*
1	2	3	4				**.31**	**.01**	**.06**	**.02**	*Disconnection of power generating equipment from grid*
1	2	3	4				**.31**	**.01**	**.06**	**.9x**	*Other*
1	2	3	4				**.31**	**.01**	**.07**		De-energization and Isolation of Non-Essential Equipment
1	2	3	4				**.31**	**.01**	**.08**		De-energization and Isolation of Primary and Auxiliary Equipment in Reactor
			4	5			**.31**	**.01**	**.9x**		Other
			4	5			**.31**	**.02**			**Deactivation**
			4	5			**.31**	**.02**	**.01**		Defueling and Transfer of Fuel
			4	5			**.31**	**.02**	**.01**	**.01**	*Unloading of Fuel*
			4	5			**.31**	**.02**	**.01**	**.02**	*Transfer of fuel*
			4	5			**.31**	**.02**	**.01**	**.9x**	*Other*
			4	5			**.31**	**.02**	**.02**		Draining and Drying or Blowdown of All Systems Not in Operation
			4	5			**.31**	**.02**	**.03**		Removal of System Fluids
			4	5			**.31**	**.02**	**.03**	**.01**	*Water*
			4	5			**.31**	**.02**	**.03**	**.02**	*Oil*
			4	5			**.31**	**.02**	**.03**	**.03**	*Heavy water (D2O - deuterium oxide)*
			4	5			**.31**	**.02**	**.03**	**.04**	*Sodium*
			4	5			**.31**	**.02**	**.03**	**.9x**	*Other*
			4	5			**.31**	**.02**	**.04**		Removal of Spent Resins
			4	5			**.31**	**.02**	**.05**		Modification of Access and Changing Facilities
			4	5			**.31**	**.02**	**.06**		Disconnection of Power Supplies/Perform Zero Energy Checks
			4	5			**.31**	**.02**	**.07**		Installation of Viewing Devices
			4	5			**.31**	**.02**	**.08**		Reduction or Elimination of Electrical and Water Supply Systems
			4	5			**.31**	**.02**	**.09**		Installation of Continuous Air Monitoring System
			4	5			**.31**	**.02**	**.10**		Removal of Nuclear Materials
			4	5			**.31**	**.02**	**.11**		Removal of Emergency Response Equipment, Tools, and Supplies
			4	5			**.31**	**.02**	**.12**		Reserved for Future Use
			4	5			**.31**	**.02**	**.13**		Removal of All Unattached Hazardous Material

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
			4	5			**.31**	**.02**	**.14**		Removal of All Unattached Ordnance
			4	5			**.31**	**.02**	**.15**		Removal of All Unattached Radiological Materials
			4	5			**.31**	**.02**	**.16**		Nuclear Fuel Material Inventory Recovery
			4	5			**.31**	**.02**	**.17**		Isolation of Unused-Resin Purification Stations Pending Subsequent Decommissioning
			4	5			**.31**	**.02**	**.9x**		Other
			4	5			**.31**	**.03**			**Preparation for Dormancy**
			4	5			**.31**	**.03**	**.01**		Layout of Dormancy Period Control Area
			4	5			**.31**	**.03**	**.02**		Zoning for Long-Term Storage
			4	5			**.31**	**.03**	**.03**		Removal of Inventory Not Suitable for Long-Term Storage
			4	5			**.31**	**.03**	**.04**		Replacement or Enhancement of Equipment and Systems with More Efficient Components (Also .06.03.05)
			4	5			**.31**	**.03**	**.9x**		Other
			4	5			**.31**	**.04**			**Hot Cell Equipment Modification**
			4	5			**.31**	**.04**	**.01**		Isolation of Process, Utility, and Instrument Air Line Penetrations
			4	5			**.31**	**.04**	**.02**		Isolation of Electrical Power
			4	5			**.31**	**.04**	**.03**		Isolation of Fire Suppression Nozzles and Temperature Detectors
			4	5			**.31**	**.04**	**.04**		Isolation of Exhaust Ventilation System
			4	5			**.31**	**.04**	**.05**		Isolation of Gloveports and Bagports
			4	5			**.31**	**.04**	**.06**		Isolation of Criticality Drains
			4	5			**.31**	**.04**	**.07**		Isolation of All Other Seals and Lines
			4	5			**.31**	**.04**	**.9x**		Other
			4	5			**.31**	**.05**			**Site Reconfiguration, Isolating and Securing Structure**
			4	5			**.31**	**.05**	**.01**		Isolation of Tanks
			4	5			**.31**	**.05**	**.02**		Isolation of Lines Entering and Exiting the Building
			4	5			**.31**	**.05**	**.03**		Isolation of Utilities to the Building
			4	5			**.31**	**.05**	**.04**		Sealing/Securing of Potential Pathways to the Environment
			4	5			**.31**	**.05**	**.05**		Securing/Isolation of Building From Both Personnel and Animals/Insects
			4	5			**.31**	**.05**	**.06**		Securing of Windows and Doors
			4	5			**.31**	**.05**	**.07**		Repairing of Roof
			4	5			**.31**	**.05**	**.08**		Isolation of Containment Structure
			4	5			**.31**	**.05**	**.09**		Removal of Obstacles to Dismantlement and Decommissioning
			4	5			**.31**	**.05**	**.10**		Site Boundary Reconfiguration
			4	5			**.31**	**.05**	**.10**	**.01**	*Physical reconfiguration of boundary*
			4	5			**.31**	**.05**	**.10**	**.02**	*Modification of access ways*
			4	5			**.31**	**.05**	**.10**	**.03**	*Reconfig., reconstruction, security fence O&M, access, barriers, facilities & others (see also .05.14 & .01.03.11)*
			4	5			**.31**	**.05**	**.10**	**.9x**	Other
			4	5			**.31**	**.05**	**.11**	**.00**	Reconfiguration, Rerouting, and Operations and Maintenance of Utilities and Support Services (Also .06.03.04)
			4	5			**.31**	**.05**	**.11**	**.01**	*Electrical*
			4	5			**.31**	**.05**	**.11**	**.02**	*HVAC*
			4	5			**.31**	**.05**	**.11**	**.03**	*Fire protection*
			4	5			**.31**	**.05**	**.11**	**.04**	*Lifting devices*
			4	5			**.31**	**.05**	**.11**	**.05**	*Alarms and monitors*
			4	5			**.31**	**.05**	**.11**	**.9x**	*Other*
			4	5			**.31**	**.05**	**.12**		Reconfiguration or Modification of Containment Structure
			4	5			**.31**	**.05**	**.9x**		Other
			4	5			**.31**	**.06**			**Removal of Fuel Handling Equipment**
			4	5			**.31**	**.06**	**.01**		Removal of Cranes
			4	5			**.31**	**.06**	**.02**		Removal of Fuel Handling and Positioning Systems and Equipment
			4	5			**.31**	**.06**	**.02**	**.01**	*Hoists*
			4	5			**.31**	**.06**	**.02**	**.02**	*Bridges*
			4	5			**.31**	**.06**	**.02**	**.03**	*Tooling*
			4	5			**.31**	**.06**	**.02**	**.04**	*Transfer containers*
			4	5			**.31**	**.06**	**.02**	**.05**	*Storage racks*
			4	5			**.31**	**.06**	**.02**	**.06**	*Conveyors*
			4	5			**.31**	**.06**	**.02**	**.07**	*Upenders*
			4	5			**.31**	**.06**	**.02**	**.08**	*Carriages*
			4	5			**.31**	**.06**	**.02**	**.09**	*Inspection devices*
			4	5			**.31**	**.06**	**.02**	**.10**	*Cameras*
			4	5			**.31**	**.06**	**.02**	**.11**	*Manipulators*
			4	5			**.31**	**.06**	**.02**	**.12**	*Saws*
			4	5			**.31**	**.06**	**.02**	**.9x**	*Other*
			4	5			**.31**	**.06**	**.9x**		Other

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					**ENVIRONMENTAL COST ELEMENT STRUCTURE**
			4	5			**.31**	**.07**			**Radiological Inventory Categorization for D&D**
			4	5			**.31**	**.07**	**.01**		Reserved for Future Use
			4	5			**.31**	**.07**	**.02**		Calculations to Evaluate Inventory
			4	5			**.31**	**.07**	**.9x**		Other
			4	5			**.31**	**.08**			**Preparation and Decontamination for Area and Equipment**
			4	5			**.31**	**.08**	**.01**		Decontamination of Systems for Dose Reduction of Controlled Area
			4	5			**.31**	**.08**	**.02**		Washing of Sump Areas to Remove Excess Residual Chemicals
			4	5			**.31**	**.08**	**.03**		Protective Clothing/Breathing Apparatuses
			4	5			**.31**	**.08**	**.04**		Decontamination and Release of Rad Zones
			4	5			**.31**	**.08**	**.05**		Reserved for Future Use
			4	5			**.31**	**.08**	**.06**		Surface Decontamination of Floors
			4	5			**.31**	**.08**	**.07**		Surface Decontamination of Walls
			4	5			**.31**	**.08**	**.08**		Surface Decontamination of Equipment/Dismantled Piping
			4	5			**.31**	**.08**	**.09**		Surface Decontamination of Piping and Tank Internals
			4	5			**.31**	**.08**	**.10**		Decontamination of Reactor Vessel & Internals
			4	5			**.31**	**.08**	**.11**		Decontamination of Primary and Auxiliary Systems
			4	5			**.31**	**.08**	**.12**		Decontamination of Biological Shield
			4	5			**.31**	**.08**	**.13**		Decontamination of Spent Fuel Pool Linings (Also .31.13)
			4	5			**.31**	**.08**	**.14**		Decontamination of Areas and Equipment in Hot Cells
			4	5			**.31**	**.08**	**.15**		Decontamination for Recycling and Reuse
			4	5			**.31**	**.08**	**.16**		Locating Areas to Be Decontaminated
			4	5			**.31**	**.08**	**.17**		Reconfiguration of Area and Locations
			4	5			**.31**	**.08**	**.18**		Area Layout and Control/Containment Area Setup
			4	5			**.31**	**.08**	**.19**		Decontamination Area/Facility for Equipment and Vehicles
			4	5			**.31**	**.08**	**.20**		Decontamination Area/Facility for Personnel (e.g., Showers, Changing Rooms, Monitors, Waste Handling)
			4	5			**.31**	**.08**	**.21**		Decontamination of Buildings and Stacks
			4	5			**.31**	**.08**	**.9x**		Other
			4	5			**.31**	**.09**			**Dismantling and Removal of Contaminated Equipment /Material**
			4	5			**.31**	**.09**	**.01**		Cutting, Sizing, and Removal of Equipment
			4	5			**.31**	**.09**	**.02**		Cutting, Sizing, and Removal of Instrument Tubing
			4	5			**.31**	**.09**	**.03**		Cutting, Sizing, and Removal of Piping
			4	5			**.31**	**.09**	**.03**	**.01**	*Establishment of containment, whether by temporary barriers or by tenting*
			4	5			**.31**	**.09**	**.03**	**.02**	*Removal of concrete structures around the embedded piping*
			4	5			**.31**	**.09**	**.03**	**.03**	*Removal of the embedded piping*
			4	5			**.31**	**.09**	**.03**	**.9x**	*Other*
			4	5			**.31**	**.09**	**.04**		Cutting, Sizing, and Removal of Tanks
			4	5			**.31**	**.09**	**.05**		Cutting, Sizing, and Removal of Structures/Stacks
			4	5			**.31**	**.09**	**.06**		Sorting and Segregation of Materials and Components
			4	5			**.31**	**.09**	**.9x**		Other
			4	5			**.31**	**.10**			**Dismantling Operations on Reactor Vessel & Internals**
			4	5			**.31**	**.10**	**.01**		Cutting, Sizing, and Removal of Flat Stock and Pressure Vessels
			4	5			**.31**	**.10**	**.02**		Cutting, Sizing, and Removal of Internal and Attached Piping
			4	5			**.31**	**.10**	**.03**		Cutting, Sizing, and Removal of Control Rods
			4	5			**.31**	**.10**	**.04**		Cutting, Sizing, and Removal of Assemblies
			4	5			**.31**	**.10**	**.05**		Cutting, Sizing, and Removal of Instrumentation
			4	5			**.31**	**.10**	**.06**		Cutting, Sizing, and Removal of Other Internals
			4	5			**.31**	**.10**	**.07**	**.00**	Disconnecting of Reactor Vessels and Internals
			4	5			**.31**	**.10**	**.07**	**.01**	*Control-rod blades and motors, rod guide tubes, RSA-Guide tubes*
			4	5			**.31**	**.10**	**.07**	**.02**	*Reactor pressure vessel top head*
			4	5			**.31**	**.10**	**.07**	**.03**	*Reactor core top head*
			4	5			**.31**	**.10**	**.07**	**.04**	*Steam dryer*
			4	5			**.31**	**.10**	**.07**	**.05**	*Feedwater Sparger ring*
			4	5			**.31**	**.10**	**.07**	**.06**	*Core shroud, including fixing*
			4	5			**.31**	**.10**	**.07**	**.07**	*Reactor pressure vessel including support skirt and insulation*
			4	5			**.31**	**.10**	**.07**	**.9x**	*Other*
			4	5			**.31**	**.10**	**.08**		Preparation of Work Area
			4	5			**.31**	**.10**	**.09**		Handling Devices and Protection Systems
			4	5			**.31**	**.10**	**.10**		Removal of Handling Devices and Protection Systems
			4	5			**.31**	**.10**	**.11**		Sorting and Segregation of Materials and Components
			4	5			**.31**	**.10**	**.12**		Dams on Vessel Nozzles or Gates to Isolate & Contain Pool Being Used for Disassembly (If Performed Underwater)
			4	5			**.31**	**.10**	**.9x**		Other

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					ENVIRONMENTAL COST ELEMENT STRUCTURE
			4	5			.31	.11			**Dismantling and Removal of Primary and Auxiliary Systems**
			4	5			.31	.11	.01		Disconnecting, Unbolting, Disassembly/Cutting, Sizing, and Removal of Piping
			4	5			.31	.11	.02		Disconnecting, Unbolting, Disassembly/Cutting, Sizing, and Removal of Pumps
			4	5			.31	.11	.03		Unbolting, Disassembly/Cutting, Sizing, and Removal of Containment Other Than Biological Shields
			4	5			.31	.11	.04		Disconnecting, Unbolting, Cutting, Sizing, and Removal of Primary Cooling Circuits
			4	5			.31	.11	.05		Removal of Subsurface Materials
			4	5			.31	.11	.06		Disconnecting, Unbolting, Cutting, Sizing, and Removal of Secondary Cooling Circuits
			4	5			.31	.11	.07		Disconnecting, Unbolting, Disassembly/Cutting, Sizing, and Removal of Other Primary or Auxiliary Systems
			4	5			.31	.11	.08		Preparation of Work Area
			4	5			.31	.11	.09		Removal, Dismantling or Demolition of Spent Fuel Pool and Foundation
			4	5			.31	.11	.10		Removal, Dismantling or Demolition of Hot Cells
			4	5			.31	.11	.11		Removal, Dismantling or Demolition of Footing Drain Removal
			4	5			.31	.11	.12		Sorting and Segregation of Materials and Components
			4	5			.31	.11	.13		Disconnecting, Unbolting, Disassembly/Cutting, Sizing, and Removal of Heat Exchangers
			4	5			.31	.11	.9x		Other
			4	5			.31	.12			**Dismantling and Removal of Biological and Thermal Shield**
			4	5			.31	.12	.01		Cutting, Sizing, and Removal of Reinforcement Materials
			4	5			.31	.12	.02		Cutting, Sizing, and Removal of Biological and Thermal Shields/Concrete
			4	5			.31	.12	.9x		Other
			4	5			.31	.13			**Removal of Pool Linings**
			4	5			.31	.13	.01		Drainage of Spent Fuel Pool
			4	5			.31	.13	.02		Removal of Pool Linings
			4	5			.31	.13	.03		Removal of Contaminants in Pool
			4	5			.31	.13	.04		Cleaning of Surface to Limit Migration of Contaminants
			4	5			.31	.13	.9x		Other
			4	5			.31	.14			**Dismantling of In-Cell Equipment**
			4	5			.31	.14	.01		Cutting, Sizing, and Removal of Lead Glass Windows
			4	5			.31	.14	.02		Cutting, Sizing, and Removal of Internal Remote Operated Cranes
			4	5			.31	.14	.03		Cutting, Sizing, and Removal of Manipulators
			4	5			.31	.14	.04		Cutting, Sizing, and Removal of Gloveports and Bagports
			4	5			.31	.14	.05		Cutting, Sizing, and Removal of Liquid and Gas Piping
			4	5			.31	.14	.06		Cutting, Sizing, and Removal of Ventilation Systems
			4	5			.31	.14	.07		Cutting, Sizing, and Removal of Lighting and Electrical Systems
			4	5			.31	.14	.08		Cutting, Sizing, and Removal of Fire Suppression Systems
			4	5			.31	.14	.9x		Other
			4	5			.31	.15			**Removal of Other Material and Equipment from Containment Structure**
			4	5			.31	.16			**Facility (Controlled Area) Hardening, Isolation or Entombment**
			4	5			.31	.16	.01		Zoning for Long-Term Storage
			4	5			.31	.16	.02		Mothballing
			4	5			.31	.16	.03		Entombment
			4	5			.31	.16	.9x		Other
			4	5			.31	.17			**Removal of All Other Facilities, or Entire Contaminated Facility**
			4	5			.31	.17	.01		Removal of Activated Material and Equipment Exceeding Release Levels
			4	5			.31	.17	.02		Removal of Contaminated Components That Can Only Be Dismantled at The End of The Removal Process
			4	5			.31	.17	.03		Removal of Non-Contaminated or Decontaminated Ancillary Equipment
			4	5			.31	.17	.9x		Other
			4	5			.31	.18			**Dismantling of Temporary Fuel Storage Facility**
			4	5			.31	.19			**Dismantling of Intermediate Fuel Storage Facility**
			4				.31	.20			**Reprocessing Costs**
			4	5			.31	.21			**Dismantling or Demolition of Other Facilities**
			4	5			.31	.21	.01		Dismantling or Demolition of Environmental Treatment Unit or Facility
			4	5			.31	.21	.02		Dismantling or Demolition of Waste Storage Facilities
			4	5			.31	.21	.03		Dismantling or Demolition of Waste Disposal Facilities
			4	5			.31	.21	.9x		Other

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					ENVIRONMENTAL COST ELEMENT STRUCTURE
			4	5			.31	.9x			**Other**
1	2	3	4	5			.32	.00			**MATERIAL HANDLING/TRANSPORTATION**
1	2	3	4	5			.32	.01			**Waste Stream Handling/Packaging**
1	2	3	4	5			.32	.01	.01		Receiving, Unloading and Inspection
1	2	3	4	5			.32	.01	.02		Stage and Store
1	2	3	4	5			.32	.01	.03		Waste Conditioning
1	2	3	4	5			.32	.01	.04		Contact Handled Packaging/Overpacking/Labeling
1	2	3	4	5			.32	.01	.05		Remote Handled Packaging/Overpacking/Labeling
1	2	3	4	5			.32	.01	.06		Washing
1	2	3	4	5			.32	.01	.07		Waste Sorting and Segregation
1	2	3	4	5			.32	.01	.9x		Other
1	2	3	4	5			.32	.02			**Transportation Device/Equipment**
1	2	3	4	5			.32	.02	.01		Transportation Device/Equipment for On-Site Transfers
1	2	3	4	5			.32	.02	.02		Transportation Device/Equipment for Off-Site Transportation
1	2	3	4	5			.32	.02	.9x		Other
1	2	3	4	5			.32	.03			**OE Off-Site Destruction Transportation to DOD Facility**
1	2	3	4	5			.32	.04			**Reserved for Future Use**
1	2	3	4	5			.32	.05			**Reserved for Future Use**
1	2	3	4	5			.32	.06			**Reserved for Future Use**
1	2	3	4	5			.32	.07			**Reserved for Future Use**
1	2	3	4	5			.32	.08			**Reserved for Future Use**
1	2	3	4	5			.32	.09			**Reserved for Future Use**
1	2	3	4	5			.32	.10			**Certification & Shipping**
1	2	3	4	5			.32	.10	.01		Special Permits, Packaging and Transport Requirements
1	2	3	4	5			.32	.10	.02		Load and Haul Prepared Waste
1	2	3	4	5			.32	.10	.03		Load and Haul Prepared Special Materials
1	2	3	4	5			.32	.10	.9x		Other
1	2	3	4	5			.32	.11			**Transportation by truck**
1	2	3	4	5			.32	.11	.01		Removed Drums/Tanks & Misc. Transportation
1	2	3	4	5			.32	.11	.02		Surface Water (Free Product) & Sediments Transportation
1	2	3	4	5			.32	.11	.03		Groundwater (Free Product) Transportation
1	2	3	4	5			.32	.11	.04		Liquid Waste/Sludge (e.g., UST/AST) Transportation
1	2	3	4	5			.32	.11	.05		Soil/Solid Waste Transportation
1	2	3	4	5			.32	.11	.06		D&D Facility Contaminated Equipment/Material Transportation
1	2	3	4	5			.32	.11	.9x		Other
1	2	3	4	5			.32	.12			**Transportation by rail**
1	2	3	4	5			.32	.12	.01		Removed Drums/Tanks & Misc. Transportation
1	2	3	4	5			.32	.12	.02		Surface Water (Free Product) and Sediments Transportation
1	2	3	4	5			.32	.12	.03		Groundwater (Free Product) Transportation
1	2	3	4	5			.32	.12	.04		Liquid Waste/Sludge (e.g., UST/AST) Transportation
1	2	3	4	5			.32	.12	.05		Soil/Solid Waste Transportation
1	2	3	4	5			.32	.12	.06		D&D Facility Contaminated Equipment/Material Transportation
1	2	3	4	5			.32	.12	.9x		Other
1	2	3	4	5			.32	.13			**Transportation by barge**
1	2	3	4	5			.32	.13	.01		Removed Drums/Tanks & Misc. Transportation
1	2	3	4	5			.32	.13	.02		Surface Water (Free Product) and Sediments Transportation
1	2	3	4	5			.32	.13	.03		Groundwater (Free Product) Transportation
1	2	3	4	5			.32	.13	.04		Liquid Waste/Sludge (e.g., UST/AST) Transportation
1	2	3	4	5			.32	.13	.05		Soil/Solid Waste Transportation
1	2	3	4	5			.32	.13	.06		D&D Facility Contaminated Equipment/Material Transportation
1	2	3	4	5			.32	.13	.9x		Other
1	2	3	4	5			.32	.14			**Transportation by air**
1	2	3	4	5			.32	.14	.01		Removed Drums/Tanks & Misc. Transportation
1	2	3	4	5			.32	.14	.02		Surface Water (Free Product) and Sediments Transportation
1	2	3	4	5			.32	.14	.03		Groundwater (Free Product) Transportation
1	2	3	4	5			.32	.14	.04		Liquid Waste/Sludge (e.g., UST/AST) Transportation
1	2	3	4	5			.32	.14	.05		Soil/Solid Waste Transportation
1	2	3	4	5			.32	.14	.06		D&D Facility Contaminated Equipment/Material Transportation
1	2	3	4	5			.32	.14	.9x		Other
1	2	3	4	5			.32	.15			**Container Handling**
1	2	3	4	5			.32	.9x			**Other**
1	2	3	4	5			.33	.00			**DISPOSAL**
							.33	.01			**Reserved for Future Use**
							.33	.02			**Reserved for Future Use**

Phases							2nd	3rd	4th	5th	Environmental Management
Ph1	Ph2	Ph3	Ph4	Ph5	Ph6	Ph8	Lvl	Lvl	Lvl	Lvl	
Assess.	Studies	Design	Cap. Const.	O&M	SLMT	Prog. Mgmt/ Infra.					ENVIRONMENTAL COST ELEMENT STRUCTURE
							.33	**.03**			**Reserved for Future Use**
1	2	3	4	5	6		**.33**	**.04**			**On-site DOE Disposal Costs, Fees, and Taxes**
1	2	3	4	5	6		**.33**	**.04**	**.01**		Drums/Tanks and Miscellaneous Disposal
1	2	3	4	5	6		**.33**	**.04**	**.02**		Surface Water (Free Product) and Sediments Disposal
1	2	3	4	5	6		**.33**	**.04**	**.03**		Groundwater (Free Product) Disposal
1	2	3	4	5	6		**.33**	**.04**	**.04**		Liquid Waste/Sludge Disposal
1	2	3	4	5	6		**.33**	**.04**	**.05**		Soil/Solid Waste Disposal
1	2	3	4	5	6		**.33**	**.04**	**.06**		D&D Facility Contaminated Equipment/Material Disposal
1	2	3	4	5	6		**.33**	**.04**	**.9x**		Other
1	2	3	4	5	6		**.33**	**.05**			**On-site Commercial Disposal Costs, Fees, and Taxes**
1	2	3	4	5	6		**.33**	**.05**	**.01**		Drums/Tanks and Miscellaneous Disposal
1	2	3	4	5	6		**.33**	**.05**	**.02**		Surface Water (Free Product) and Sediments Disposal
1	2	3	4	5	6		**.33**	**.05**	**.03**		Groundwater (Free Product) Disposal
1	2	3	4	5	6		**.33**	**.05**	**.04**		Liquid Waste/Sludge Disposal
1	2	3	4	5	6		**.33**	**.05**	**.05**		Soil/Solid Waste Disposal
1	2	3	4	5	6		**.33**	**.05**	**.06**		D&D Facility Contaminated Equipment/Material Disposal
1	2	3	4	5	6		**.33**	**.05**	**.9x**		Other
1	2	3	4	5	6		**.33**	**.06**			**Off-site DOE Disposal Costs, Fees, and Taxes**
1	2	3	4	5	6		**.33**	**.06**	**.01**		Drums/Tanks and Miscellaneous Disposal
1	2	3	4	5	6		**.33**	**.06**	**.02**		Surface Water (Free Product) and Sediments Disposal
1	2	3	4	5	6		**.33**	**.06**	**.03**		Groundwater (Free Product) Disposal
1	2	3	4	5	6		**.33**	**.06**	**.04**		Liquid Waste/Sludge Disposal
1	2	3	4	5	6		**.33**	**.06**	**.05**		Soil/Solid Waste Disposal
1	2	3	4	5	6		**.33**	**.06**	**.06**		D&D Facility Contaminated Equipment/Material Disposal
1	2	3	4	5	6		**.33**	**.06**	**.9x**		Other
1	2	3	4	5	6		**.33**	**.07**			**Off-Site Other Government Disposal Costs, Fees, and Taxes**
1	2	3	4	5	6		**.33**	**.07**	**.01**		Drums/Tanks and Miscellaneous Disposal
1	2	3	4	5	6		**.33**	**.07**	**.02**		Surface Water (Free Product) and Sediments Disposal
1	2	3	4	5	6		**.33**	**.07**	**.03**		Groundwater (Free Product) Disposal
1	2	3	4	5	6		**.33**	**.07**	**.04**		Liquid Waste/Sludge Disposal
1	2	3	4	5	6		**.33**	**.07**	**.05**		Soil/Solid Waste Disposal
1	2	3	4	5	6		**.33**	**.07**	**.06**		D&D Facility Contaminated Equipment/Material Disposal
1	2	3	4	5	6		**.33**	**.07**	**.9x**		Other
1	2	3	4	5	6		**.33**	**.08**			**Off-Site Commercial Disposal Costs, Fees, and Taxes**
1	2	3	4	5	6		**.33**	**.08**	**.01**		Drums/Tanks and Miscellaneous Disposal
1	2	3	4	5	6		**.33**	**.08**	**.02**		Surface Water (Free Product) and Sediments Disposal
1	2	3	4	5	6		**.33**	**.08**	**.03**		Groundwater (Free Product) Disposal
1	2	3	4	5	6		**.33**	**.08**	**.04**		Liquid Waste/Sludge Disposal
1	2	3	4	5	6		**.33**	**.08**	**.05**		Soil/Solid Waste Disposal
1	2	3	4	5	6		**.33**	**.08**	**.06**		D&D Facility Contaminated Equipment/Material Disposal
1	2	3	4	5	6		**.33**	**.08**	**.9x**		Other
			4	5			**.33**	**.09**			**Discharge to POTW**
1	2	3	4	5	6		**.33**	**.9x**			**Other**
			4	5			**.34**	**.00**			**AIR EMISSION AND OFF-GAS TREATMENT**
			4	5			**.34**	**.01**			**Biofiltration**
			4	5			**.34**	**.02**			**High Energy Corona**
			4	5			**.34**	**.03**			**Turnable Hybrid Plasma Reactor**
			4	5			**.34**	**.04**			**Membrane Separation**
			4	5			**.34**	**.05**			**Catalytic Oxidation**
			4	5			**.34**	**.06**			**Thermal/Oxidation**
			4	5			**.34**	**.07**			**Ultraviolet Oxidation**
			4	5			**.34**	**.08**			**VOC Recovery and Recycle**
			4	5			**.34**	**.09**			**Internal Combustion Engine**
			4	5			**.34**	**.10**			**Granular Activated Carbon Adsorption Gas/Vapor**
			4	5			**.34**	**.11**			**Alkali Bed Reactor**
			4	5			**.34**	**.12**			**Flameless Thermal Oxidation**
			4	5			**.34**	**.13**			**Condensation**
			4	5			**.34**	**.14**			**Flaring**
			4	5	6		**.34**	**.15**			**Synthetic Resin Adsorption**
			4	5			**.34**	**.9x**			**Other**
1	2	3	4	5	6	8	**.9x**				**OTHER (Use Numbers 90-99)**