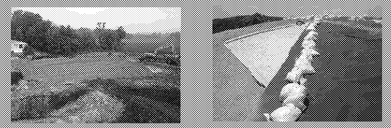
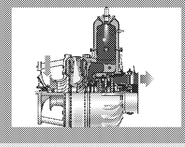
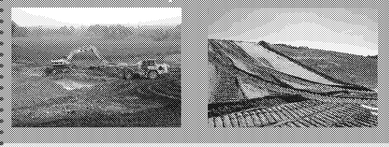
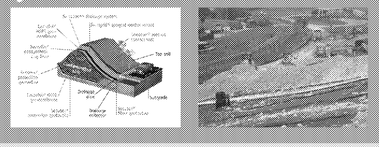
Tradeoffs to Consider When Weighing Cleanup Options

CLEANUP OPTIONS

TRADEOFFS	Alternatives 2A and 2B: Consolidation and Capping	Alternative 2C: Consolidation, Capping, and Treatment	Alternative 2D: Consolidation, Capping with reduced footprint	Alternative 3: Removal and off-site disposal	Alternative 4: Encapsulation containment system
					
Area available for reuse	17-23 Acres	23 Acres	38 Acres	65 Acres	17 Acres
Short-term impacts from construction	**Fewer than 32,500 truckloads on the road**	**32,600 truckloads on the road**	**37,800 truckloads on the road**	**150,000 truckloads on the road**	**68,400 truckloads on the road**
Trucks: = clean fill hauled onto site	2A = 22,500 truckloads 2B = 21,600 truckloads	21,600 truckloads	27,800 truckloads	39,100 truckloads	58,400 truckloads
Trucks: = contaminated material hauled on public roadways	2A and 2B = 10,000 truckloads	11,000 truckloads	10,000 truckloads	110,900 truckloads	10,000 truckloads
Impacts from truck traffic	▪ 62 trucks per day for 2 years ▪ Up to 710,000 miles driven on/off site	▪ 63 trucks per day for 2 years ▪ 750,000 miles driven on/off site	▪ 49 trucks per day for 3 years ▪ 920,000 miles driven on/off site	▪ 115 trucks per day for 5 years ▪ 10,000,000 miles driven on/off site	▪ 26 trucks per day for 10 years ▪ 3,700,000 miles driven on/off site
Amount of PCB material to manage (= 100,000 cubic yards)	**350,000 cubic yards (2A)** **479,000 cubic yards (2B)**	**479,000 cubic yards**	**920,000 cubic yards**	**1,600,000 cubic yards**	**1,600,000 cubic yards**
Long-term effectiveness	Effective; monitoring and maintenance needed	Effective; monitoring and maintenance needed	Effective; monitoring and maintenance needed	Effective; no monitoring and maintenance needed	Effective; monitoring and maintenance needed but material fully encapsulated
Time to complete	**2 years**	**2 years**	**3 years**	**5 years**	**10 years**
Cost	**$43-44 million**	**$70 million**	**$63 million**	**$238 million**	**$159 million**