

Contents

1	Introduction and Summary	1
	EPA's Experience With Wood-Treating Sites	1
	EPA's Presumptive Remedies for Wood-Treating Sites	5
	Focus of OTA's Analysis	6
	Summary of Cleanup Technologies	6
	Conclusions	7
2	Wood-Treating Sites and Their Cleanup	9
	Wood-Treating Sites	10
	EPA and Wood-Treating Sites	18
	EPA's Presumptive Remedy Approach	19
	Summary	20
3	Remediation Technologies for Wood-Treating Sites	29
	Destruction Technologies	29
	Incineration	29
	Bioremediation	31
	Chemical Dechlorination	32
	Separation and Concentration Technologies	33
	Soil Washing	33
	Solvent Extraction	34
	Thermal Desorption	35
	Soil Flushing	36
	Immobilization Technologies and Institutional Controls	36
	Physical Isolation and Capping	36
	Solidification or Stabilization	36
	Removal of Contaminated Materials	37
	References	37