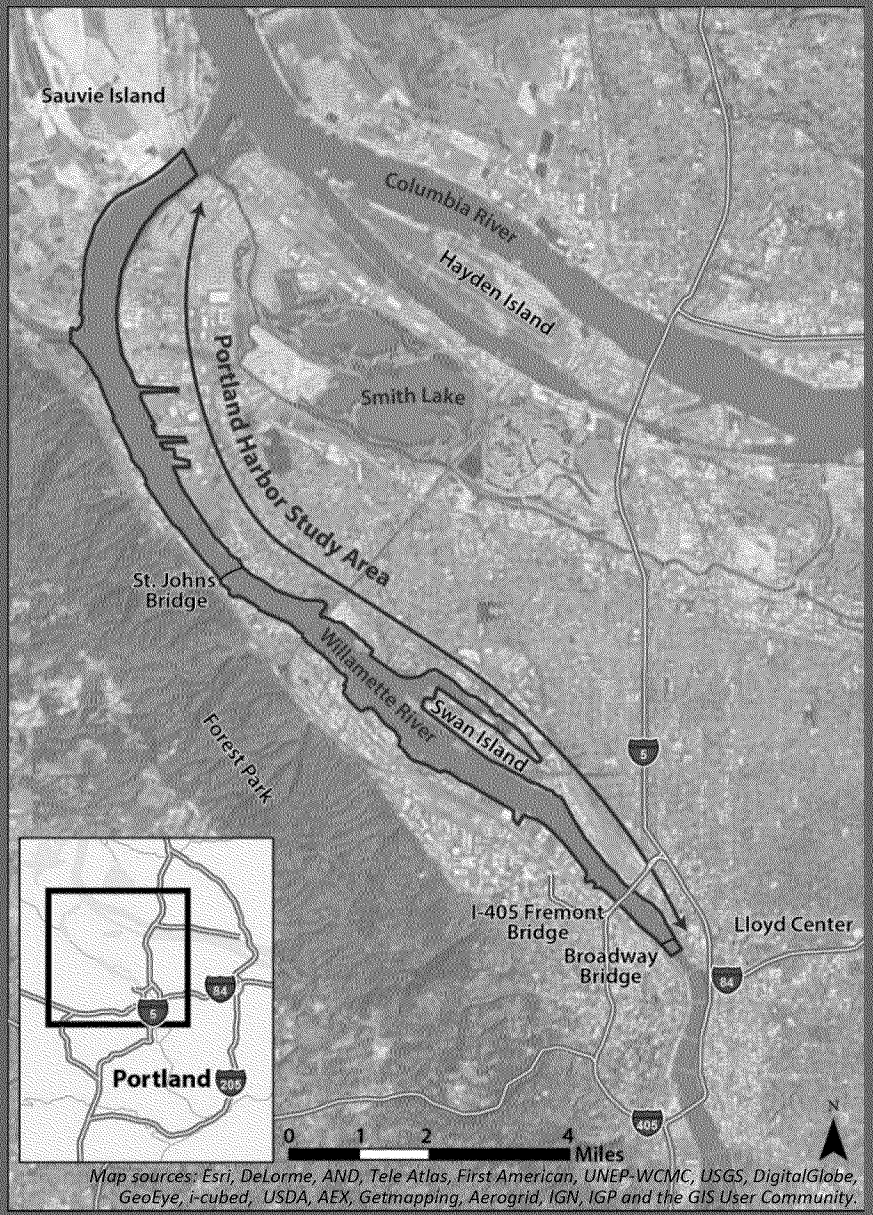
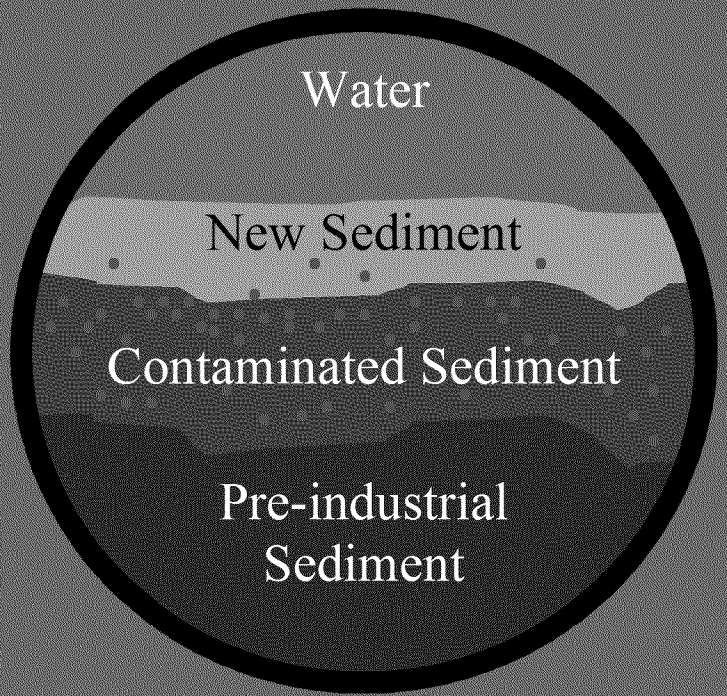
United States Environmental Protection Agency

Portland Harbor Superfund Site

Monitored Natural Recovery (MNR)

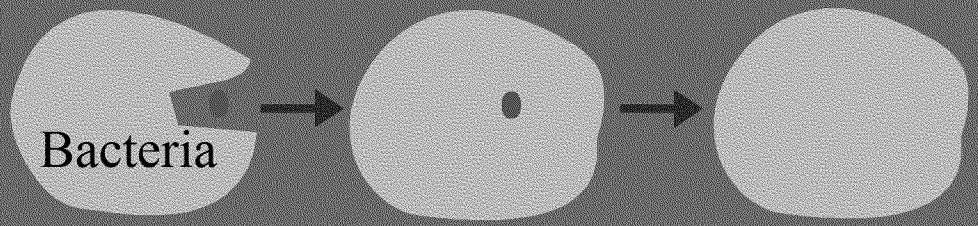


Contain

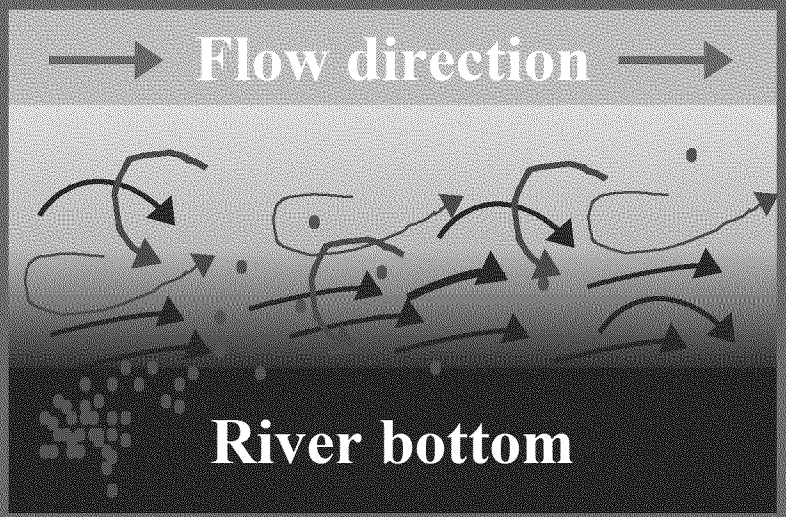


contaminant

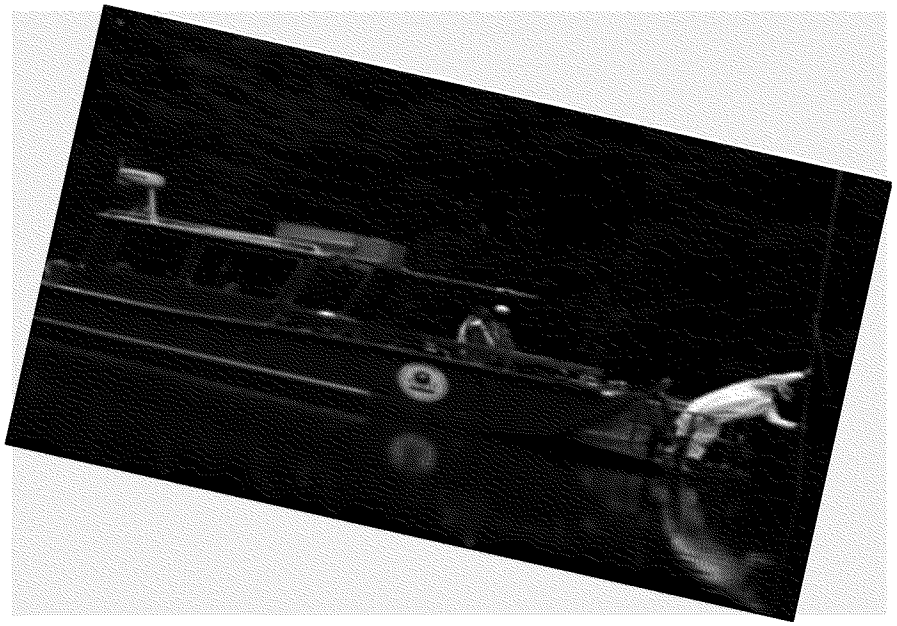
Destroy



Disperse



Source: USGS



Source: David Walters, USGS

Source: Francis Parchaso, USGS

Advantages	Limitations
• Relatively low cost	• Contaminants are left in place
• No construction or infrastructure needed	• Risk of changing conditions causing potential future exposure
• No property needed for materials handling, treatment or	•
•	

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Source: Oregon Health Advisory

http://yosemite.epa.gov/R10/CLEANUP.NSF/ph/Portland+Harbor+Superfund+Site

Capping

Dredging

Monitoring