

CVEN 4474/5474 Haz Waste Outline

- Site Clean-up Methods:
- 1. In-Situ Vadose Zone Soil
 - Soil Vapor Extraction
 - Bioventing
- 2. In-Situ Unconfined Aquifer & Groundwater
 - Air Sparging

- When SVE was implemented, tracked extracted contaminant mass ($Q_a * C_a$) & tracked contaminant depletion in-situ....
- Mass Depleted In Situ > Mass Extracted
 - Why?
 - Bacterial degradation!
 - SVE brings O₂-rich soil gas from outside contaminated soil into O₂-depleted contaminated zone....stimulates bacteria!


