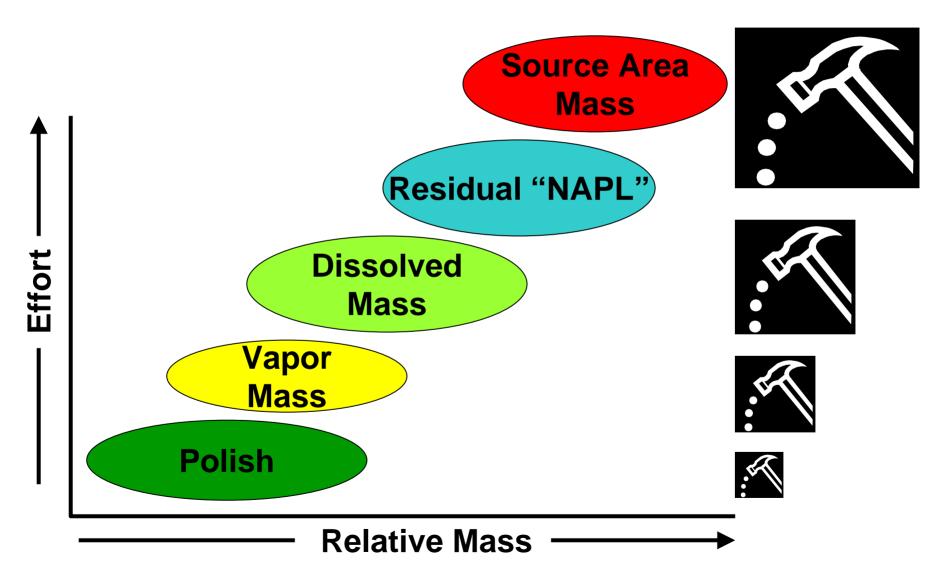
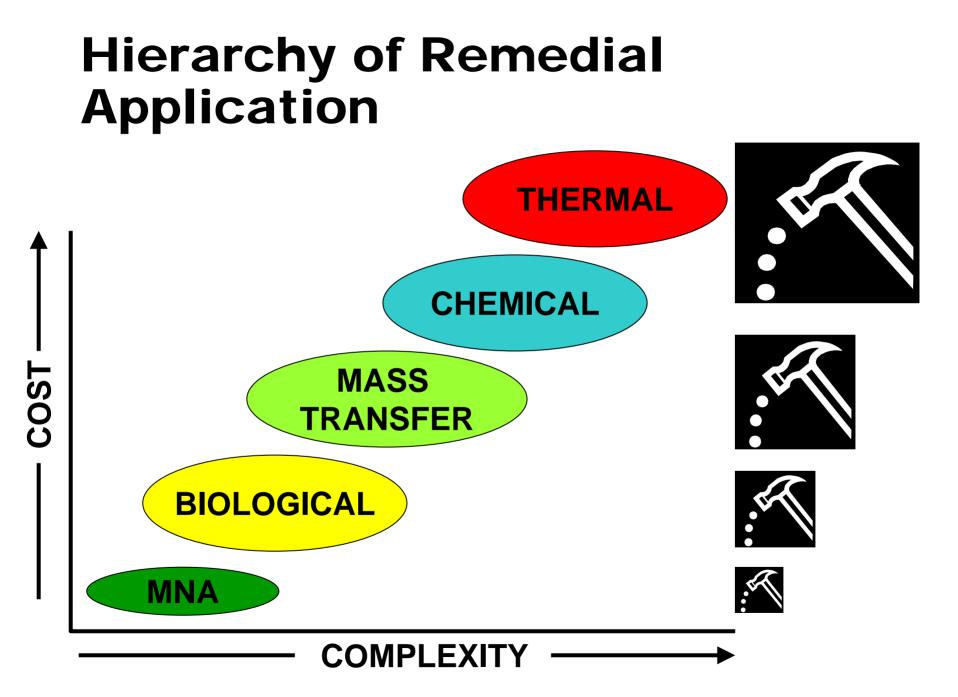
"Hit It With A Bigger Hammer"



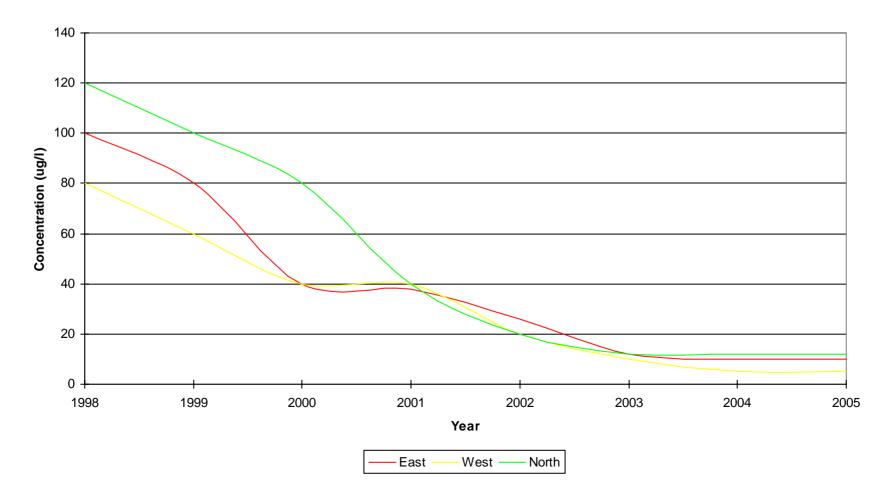


"Accidental" Remediation

- "The Law of conservation of energy tells us we can't get something for nothing, but we refuse to believe it." -- Isaac Asimov
- Chemical Oxidation with H2O2 Injected for In Situ Bioremediation
 - BTEX / Trimethylbenzenes
- Bioremediation Subsequent to Chemical Oxidation – Complex Geochemistry
 - Ozone PCP partial breakdown products biologically degraded with high DO concentrations in groundwater
 - Other Potential Terminal Electron Acceptors
 - S / Fe / Mn
- "ChemBio"

Typical Remediation Results

"I have a theory that the truth is never told during the nine-to-five hours." -- Hunter S. Thompson



Riding That Treatment Train

"Let us be thankful for the fools. But for them the rest of us could not succeed." -- Mark Twain

TIT

Coupling Technologies

What do you use for the caboose to polish off the tail?

Polishing It Off

- Bioremediation options can lose efficacy due to electron donor / electron acceptor inversion.
- Chemical Oxidation options can lose efficacy due to contaminant / oxidant interaction.
- MNA Might not be your last option.
 - Rebound
 - Spatial & Temporal Variations