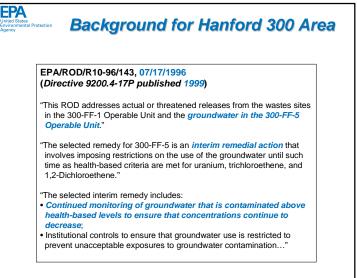
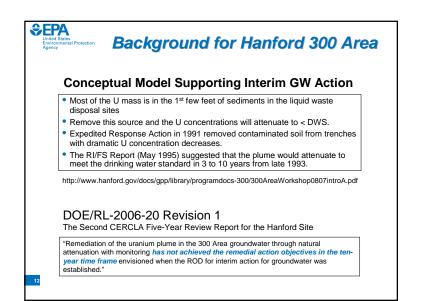
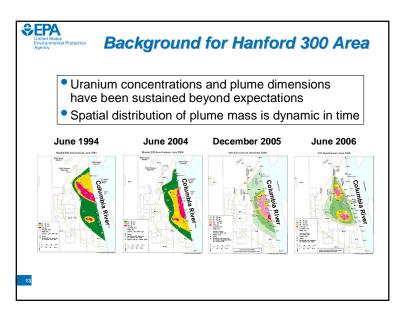


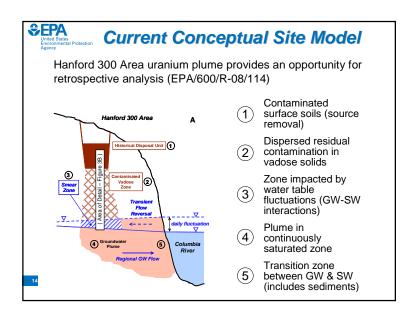
				North
South	0 Area Complex Source Sites (Soils)	Liquid Disposal Sites	Outlying Source Sites (Soils)	
	General Content Burial Grounds	Landfills and Burial Grounds	TRU Burial Grounds	1
	V Groundwater Table			
	300) Area Groundwater (300-FF-5)		

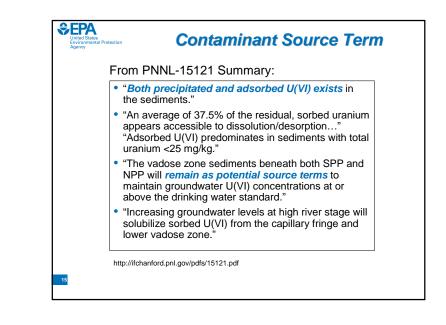
≎EPA Background for Hanford 300 Area CERCLIS Database (19 March 2009 download) http://yosemite.epa.gov/r10/nplpad.nsf/epaid/wa2890090077 Site Description "The site contains approximately 220 facilities and 70 soil waste sites, including solid and liquid waste disposal areas and soil contamination areas. The site also contains 32 miles of contaminated underground piping. The disposal areas and plumes of contaminated groundwater cover approximately 1.6 square miles." Cleanup Progress "Early Actions: In 1992, DOE conducted two early actions: 1) excavated and removed 14,000 cubic yards of uranium-contaminated soil and sediment from wastewater disposal trenches, and 2) removed barrels containing uraniumcontaminated solvents from one landfill." "Long-Term Actions: ...[substantial control of surface contaminant sources]...The selected remedy for contaminated groundwater in the 300 Area is monitored natural attenuation, but this interim remedy is in the process of being reevaluated due to performance issues."

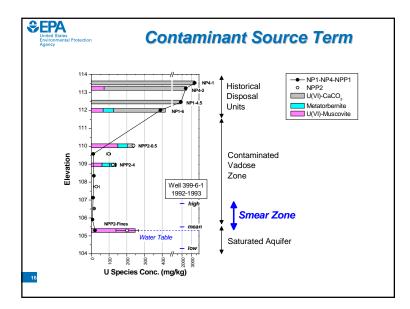


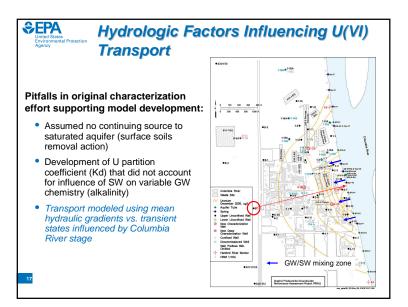


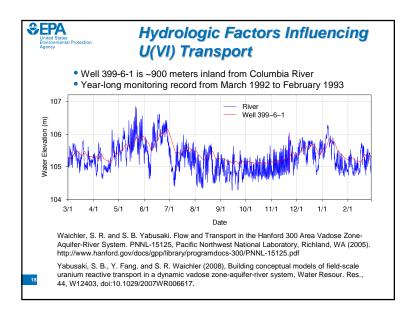


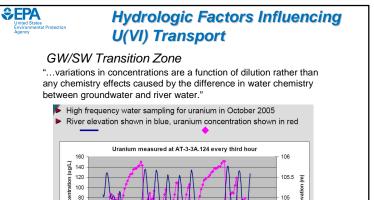












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Source: http://www.pnl.gov/main/publications/external/technical reports/PNNL-16805.pdf

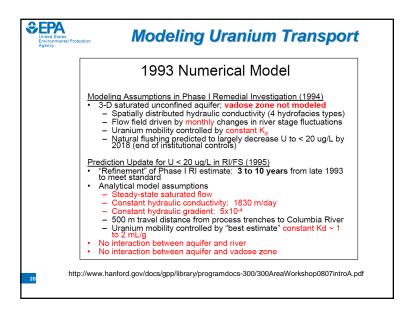
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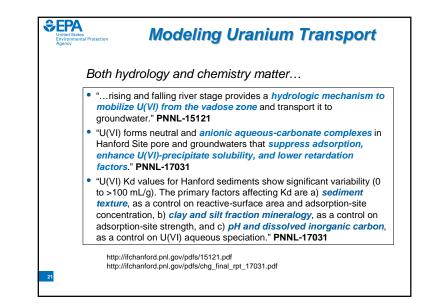
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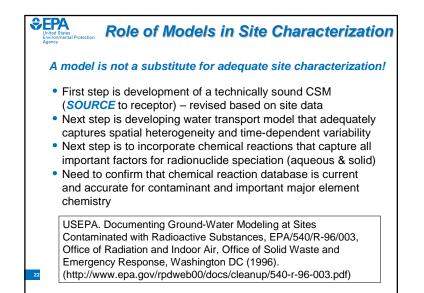
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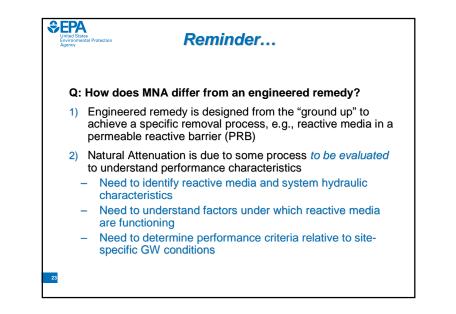
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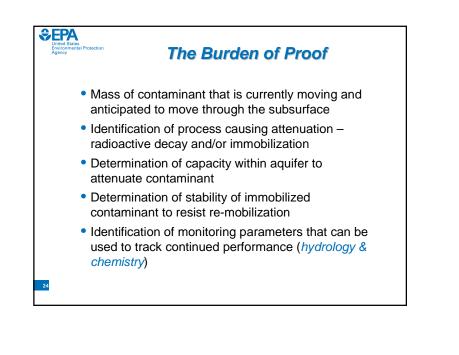












Contend States

Questions?

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≎EPA Development of EPA Technical Resource Documents for MNA >What is covered in the EPA three-volume set on MNA for inorganic contaminants in ground water? Volume 1 – Immobilization and transformation processes along with methodological approach for site characterization Volume 2 – Contaminant-specific discussions of attenuation processes and characterization approaches for "metals" (As, Cd, ClO₄, Cr, Cu, Ni, NO₃, Pb, Se) Volume 3 – Discussion of radioactive decay as a factor in plume development and characterization requirements; contaminant-specific discussions of attenuation processes and characterization approaches for radionuclides (Am-Pu, Cs, ³H, I, Ra, Rn, Sr, Tc, Th, U)