Primary Objectives of the Ecological Risk Assessment

Provide information to:

• Support waste site decision making
• Evaluate the health or condition of the ecosystem across habitats

May also be used to support trustee data needs
Central Plateau Spatial Boundary
Central Plateau Ecological Risk Assessment

Phased Approach Overview

EM Environmental Management

safety ♦ performance ♦ cleanup ♦ closure
Phase I Elements

• Characterized Central Plateau waste sites

• Sampled small mammals, lizards, and invertebrates for metals, PCBs and radionuclides

• The soils were radiologically surveyed and analyzed for the same constituents
Phase II Elements

- Characterized the BC Controlled Area
- Sampled small mammals, lizards, and invertebrates for Cs-137 and Sr-90
- The soils were radiologically surveyed and sampled for the same constituents
Phase III Elements

• Assessment of Phase I/II data
• Resolution of uncertainties from Phase I/II investigations
• Non-waste site areas
• Diffuse carbon tetrachloride plume
• West Lake
Soil Sampling
Drift Fence Sampling
Biota Sampling
West Lake Water Sampling
Phase IV Elements

- Data Quality Assessment of Phase III data
- Develop Final Ecological Risk Assessment Report
- Evaluate needs for additional data
- Risk characterization, uncertainty analysis and quality assurance review
Public Participation Meetings

• May 15, 2007 - Review Phase III data collection and additions made in response to decision-maker requests.

• July-August 2007 - Present Phase III data and provide web access to the data.
Public Participation Meetings

- December 2007 - Review findings of the risk assessment.