

## **Outsourced Types of Samples/Analyses**

### **Radioanalytical Laboratory:**

- Annual water sample for Radium-228 and Iodine-129

### **Environmental Monitoring:**

- Semi-annual groundwater non-radiological analyses from three locations
  - Total Metals – As, Ba, Cd, Cr, Pb, Hg, Se, Ag
  - Pesticides and PCBs – 28 compounds
  - Volatile Organics – 67 compounds
  - Semi-Volatile Organics – 66 compounds
  - Oil and Grease
  - pH

### **Waste Characterization for Off-Site Shipment:**

- TCLP: Volatiles, Semi-volatiles, PCBs, Metals + Cu, Zn
- Totals: Mercury
- Carbon-14 and Tritium depending on sample matrices
- Total citrate (to verify % chelant in lixivient waste matrix)