

US Ecology Richland, Washington Facility Waste Acceptance Criteria

The Richland facility disposes of Class A, B and C Low Level Radioactive Waste (LLRW) from Northwest and Rocky Mountain Compact states. Naturally Occurring and Accelerator Produced (NARM) and exempt radioactive material from any geographic location can also be accepted.

This summary is intended for initial waste acceptability screening only. It is the generator's responsibility to comply with U.S.DOT (49 CFR) requirements and other applicable regulations prior to waste shipment.

Accepted Wastes:

- LLRW generated in the Northwest Compact region (Oregon, Washington, Idaho, Montana, Wyoming, Utah, Alaska, Hawaii) & Rocky Mountain Compact region (Nevada, Colorado, New Mexico)
- NARM or Exempt Waste

Basic Requirements for Disposal:

- All waste must be properly packaged in closed containers.
- All waste must be classified in accordance with 10 CFR 61, Washington Administrative Code (WAC) 246-249 and the current NRC "Low-Level Waste Licensing Branch Technical Position on Radioactive Waste Classification"
 - Class B and C waste must meet 10 CFR 61 & WAC 246-249 stability requirements

- All generators disposing of waste at the facility must first obtain:
 - ✓ A generator number
 - ✓ A site use permit (issued by Washington Department of Ecology)
 - ✓ An export permit (for Rocky Mountain Compact waste only)

Prohibited Wastes:

- Mixed waste
- Waste that contains or is capable of generating toxic gases, vapors or fumes
- Wastes containing pyrophoric, hazardous, dangerous or chemically explosive materials or materials which could react violently with water or moisture or when subjected to agitation
- Wastes containing unprocessed liquids
- Wastes containing special nuclear material (SNM) > 350 grams of U-235 or 200 grams of Pu or U-233 (total amount of SNM limited to unity)
- Wastes containing oil > 10% by weight

Please call or e-mail our professional customer service team if you have any questions:

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