

A Nuclear Services and Waste Management Company

May 22, 2014

PERMA-FIX PUBLIC MEETING FOR CLASS 3 PERMIT MODIFICATION



nuclear



technical



waste

Perma-Fix NW-Richland

Class 3 Permit Modification

- PermaFix location and business
- Current permit
- Need for permit modification
- Process Flow Diagram
- Photos



Nuclear



Waste



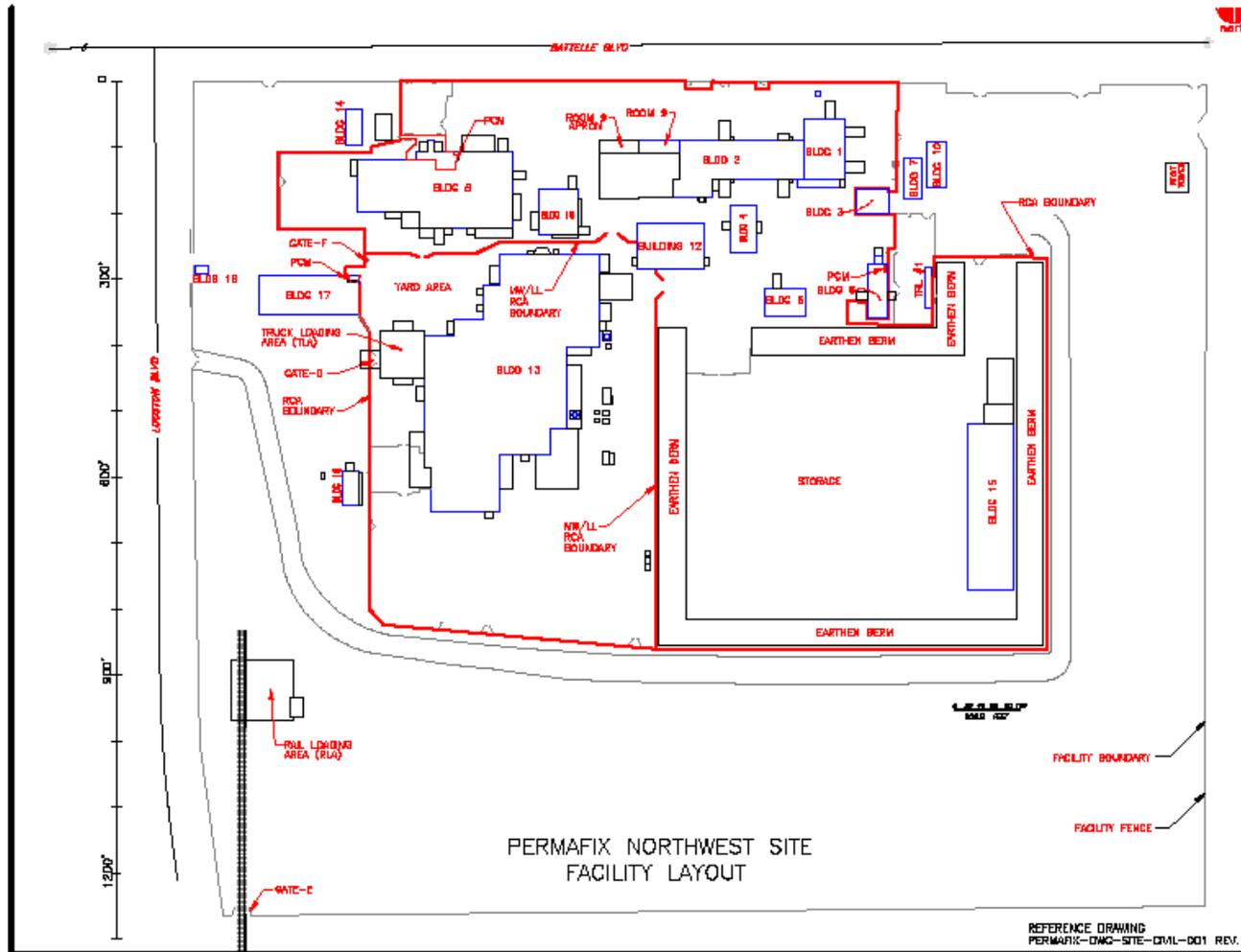
Technical

Location

Perma-Fix NW-Richland
 2025 Battelle Blvd.
 Richland, WA 99354

Comprised of:
 Low Level Facility
 Mixed Waste Facility

RCRA Permit No.
 WAR000010355



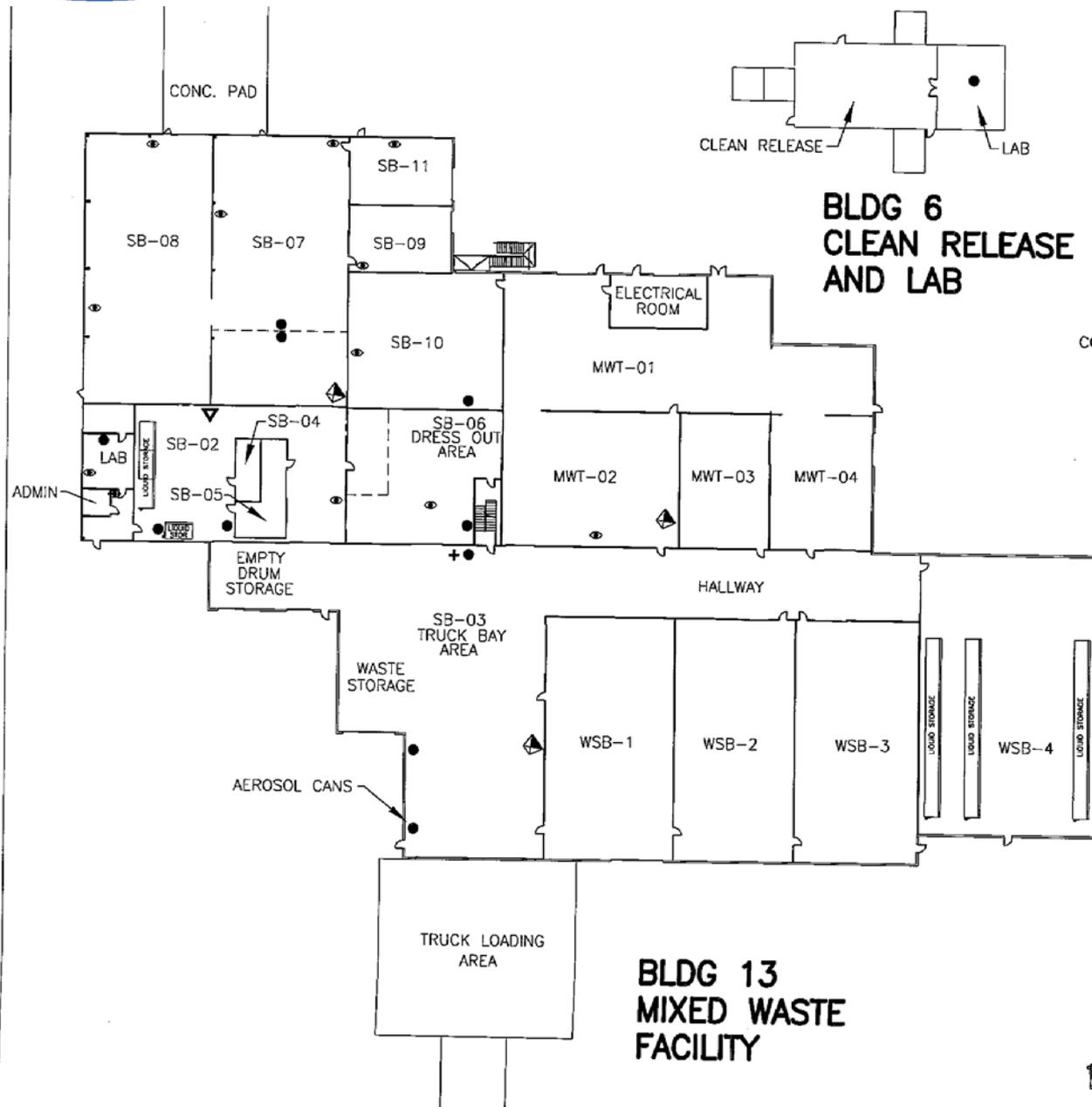
Nuclear



Waste



Technical



LEGEND:

- — SATELLITE ACCUMULATION AREA
- — UNIVERSAL WASTES ACCUMULATION AREA
- ▲ — SPILL CONTROL KIT
- ⊕ — FIRST AID KIT
- ▽ — DECON EQUIPMENT
- 👁 — EYE WASH STATION
- — CONTAMINATED AREA BOUNDARY

LIQUID STORAGE FLAMMABLE LIQUID STORAGE CABINETS



Current permit

- RCRA Permit Issued: May 28, 1999
- Permit Expiration: July 7, 2009
- Permit Renewal Submitted: April 2009
- Currently operating under old permit



Nuclear



Waste



Technical

Need for Permit Modification

- Status of Old In-Container Mixer
- Old permit was not clear on mixed wastes allowed to be treated in the unit.
- Removal of obsolete equipment and information



Nuclear

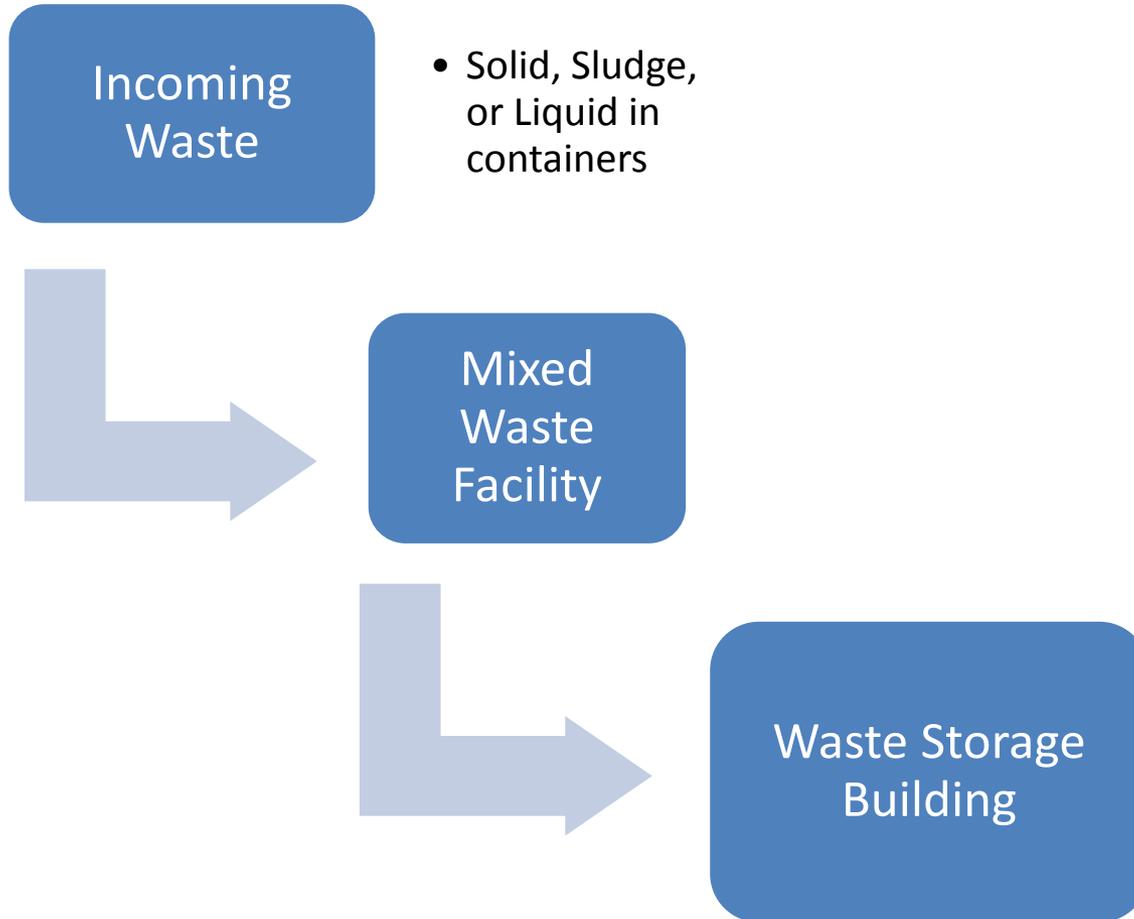


Waste



Technical

Process Flow Diagram



Nuclear

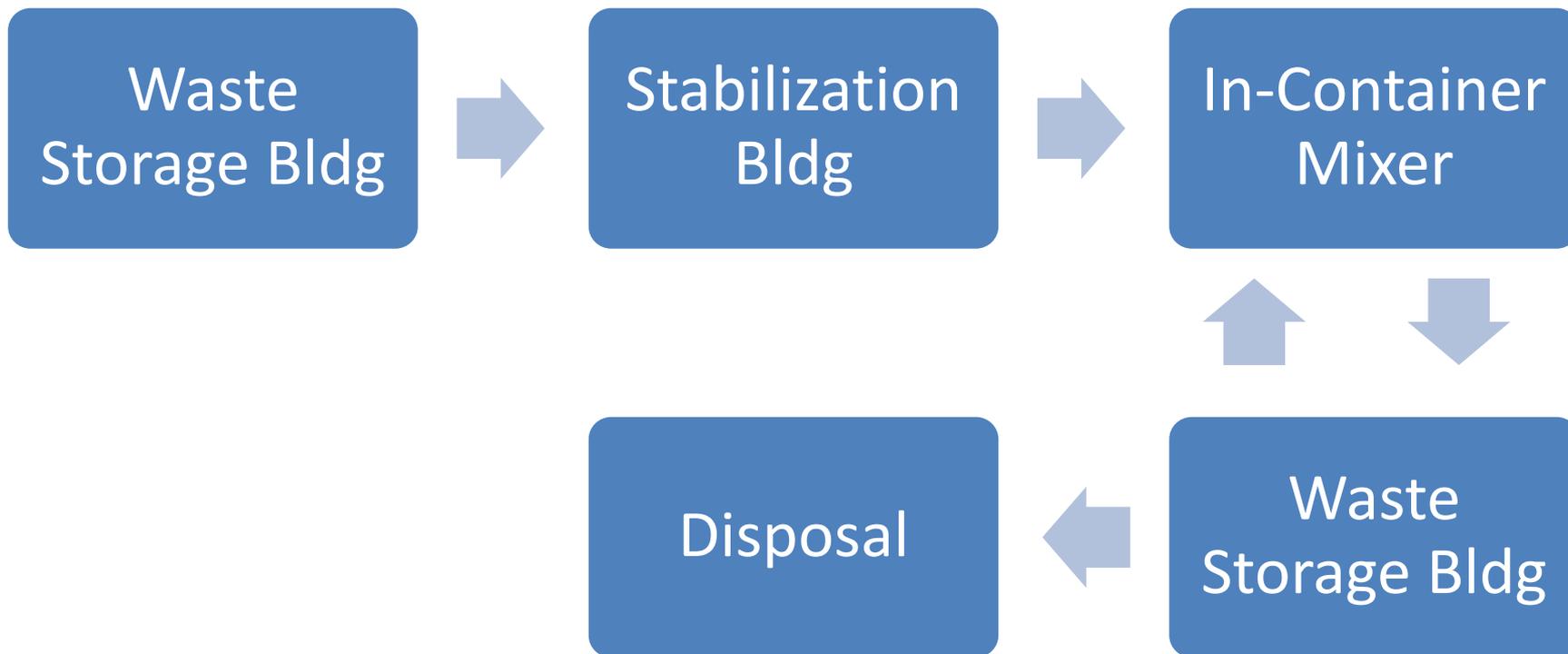


Waste



Technical

Process Flow Diagram (cont'd)



Nuclear



Waste



Technical

Old In-Container Mixer



Nuclear



Waste



Technical

Old In-Container Mixer



Nuclear



Waste



Technical

Old In-Container Mixer



Nuclear



Waste



Technical

Photos of New In-Container Mixer



Nuclear



Waste



Technical

New In-Container Mixer



Nuclear



Waste



Technical

New In-Container Mixer



Nuclear



Waste



Technical

New In-Container Mixer



Nuclear



Waste



Technical