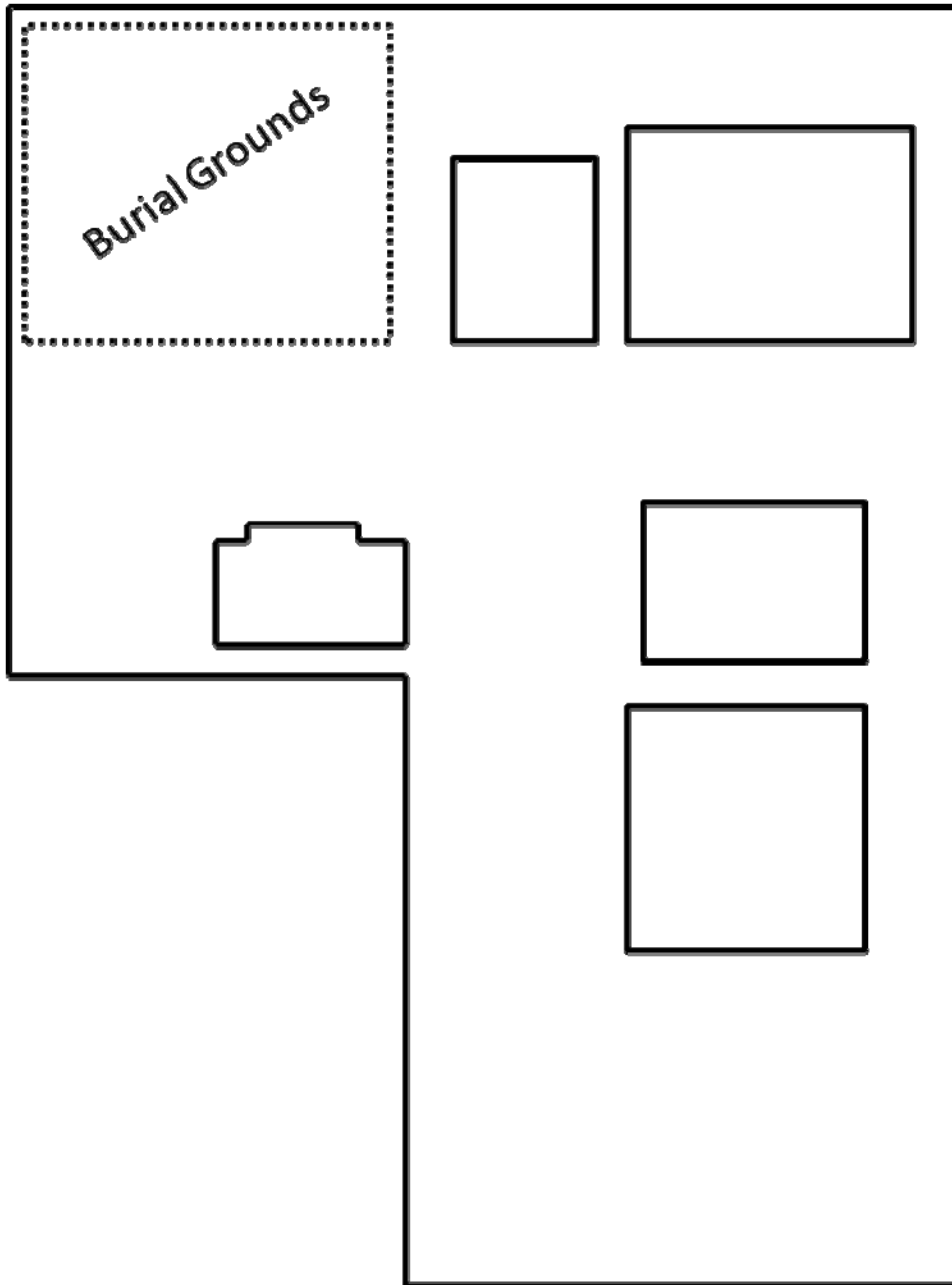


BURIAL GROUNDS

There are eight different burial grounds at the PGDP. All of these are located in the upper northwest corner of the site as shown in the map below. The contents of each of the burial grounds is providing in the accompanying picture



Location of Burial Grounds at the PGDP

Summary of Burial Ground at the PGDP

Burial Ground	Contents	Quantity
SWMU 2: C-749 Uranium Burial Ground	Uranium, Petroleum Based Synthetic Oils, TCE	Uranium: 539,000 lbs. Oils: 59,000 gal. TCE: 450 gal
SWMU 3: C-404 Low-Level Radioactive Waste Burial Ground	Uranium, some contaminated with TCE, radionuclides and metals, Smelter Furnace Liners, EP Toxic wastes D006, D008, D010	Uranium: 6.6 mil lbs. EP Toxic Wastes: approximately 450 drums.
SWMU 4: C-747 Contaminated Burial Yard and C-748-B Burial Area	Contaminated and uncontaminated trash, scrap equipment with surface contamination from enrichment process	Land Area: 7.4 Acres
SWMU 5: C-746-F Classified Burial Yard	Security classified wastes, radionuclide contaminated wastes	Contaminants: uranium, 99-technetium, tritium, Cobalt-60, and other metals
SWMU 6: C-747-B Burial Ground	Consists of five burial pits; H, I, J, K, and L.	See Below
SWMU 7: C-747-A Burial Ground containing pits B, C, D, E, F1-F5, and G. (See Below)	Non-combustible mixed waste, some contaminated equipment. Contaminated concrete, uranium contaminated scrap metal.	More contaminants: uranium, arsenic, beryllium, cadmium, copper, nickel, and zinc. TCE and degradation products. Land area: 23,100 ft ²
SWMU 30: C-747-A Burn Area	Combustible trash and residue	
SWMU 145: P-Area Residential/Inert Landfill Borrow Area	Construction and demolition debris: concrete, roofing material, wire, wood, asbestos	More waste: tarry material containing elevated levels of uranium and technetium. Land Area: 44 Acres

SWMU 7 Burial Pits

The SWMU 7: C-747-A Burial Ground contains several different burial pits. The contents of each of the pits are summarized as follows:

Pit B: This pit is approximately 60ft X 172ft. Buried material includes noncombustible trash and contaminated and noncombustible material and equipment. According to the Phase II SI geophysical survey, the actual excavation extends beyond the designated boundaries and may connect with the adjacent burial pit (Pit C).

Pit C: This pit is approximately the same size as Pit B. Based on Phase II geophysical survey, Pit C and Pit B may be one continuous pit. Historic records indicate that both Pit B and Pit C received the same materials.

Pit D: Approx. 15ft by 99ft. Documented buried material consists of uranium-contaminated concrete pieces of reactor tray bases from C-410 used during the fluorination process of uranium tetrafluoride and uranium hexafluoride.

Pit E (outside the eastern boundary of SWMU 7 and within the C-746-E Contaminated Scrap Yard): Approx. 15ft X 143ft. Documented buried material consists of uranium-contaminated concrete pieces of reactor tray bases.

Pit F1-F5: These five pits are all small (approx. 20ft X 80ft). Documented buried material consists of uranium-contaminated scrap metal and equipment and empty uranium and magnesium powder drums.

Pit G: Approx. 27ft X 122ft. Documented burial material consists of noncombustible trash and contaminated noncombustible material and equipment.

Area H: Magnesium Scrap Burial Area. The scrap buried at this location is magnesium, in various shapes, generated in the machine shop. A total of about ten drums of scrap were buried during midsummer 1971.

Area I: Exhaust Fan Burial Area. Eight exhaust hood blowers removed from C-710 were discarded to this pit. These blowers, 15in. diameter weighing 100lbs each, were discarded in 1966 because of contamination with perchloric acid. Each blower spaced about 4ft apart in pit.

Area J: Contaminated Aluminum Burial Area. The contaminated scrap buried in this hole involved about 100 to 150 drums of aluminum scrap in the form of nuts, bolts, plates, trimmings, etc., that were generated in the converter and compressor shop. Buried about 1960 or 1962.

Area K: Magnesium Scrap Burial Area. The scrap buried at this location is magnesium in various shapes generated in the machine shop. A total of about 20 drums of scrap was buried on September 3, 1968 and December 23, 1969.

Area L: Modine Trap Burial Area. A single contaminated modine trap was buried in this area. The cold trap was about 4ft in diameter, about 15ft long, weighing about 5000lbs. Buried on March 5, 1969.