



It Really is That Big: WTP Fast Facts

WTP spans 65 acres on the Hanford Site in southeastern Washington state. It is composed of four major nuclear facilities and, when complete, will process millions of gallons of radioactive nuclear waste into a solid glass form. It's been called massive, giant, and enormous, and it is. Just check out the following commodity facts:



Ductwork

2,100 TONS

WTP requires 2,100 tons of ductwork and contains ducts that measure up to five feet in diameter.



Piping

Seattle to Portland

WTP requires 1,021,000 feet of piping. If laid end-to-end it would stretch more than the distance from Seattle, Washington, to Portland, Oregon.

Rebar

THREE HUNDRED POUNDS

WTP uses #11 rebar in places, which measures 1 3/8 inches in diameter and weighs 5.313 pounds per foot. A section of #11 rebar typically measures 14 to 60 feet long and can weigh more than 300 pounds.

Concrete

264,000 cubic yards

WTP requires 264,000 cubic yards of concrete, which is enough concrete to fill 80 Olympic-sized swimming pools.

Structural steel

41K TONS

WTP requires 41,000 tons of structural steel, which is the equivalent of more than four Eiffel Towers.



Walls

SIX feet thick

WTP facility walls are made of concrete reinforced by rebar and are up to six feet thick in places.

Cable

1,013 miles

WTP requires 5,351,000 feet of cable. If laid end-to-end, it would stretch 1,013 miles, more than the distance from Seattle, Washington, to Salt Lake City, Utah.

