

# Analysis of alternatives



This data summarizes five of the 18 cleanup scenario alternatives for tank waste treatment from the U.S. Department of Energy's March 2021 draft Analysis of Alternatives. Ecology put together the 14/17 combination.

Alternative	Capital Cost Spike	Lifecycle Cost	Mission Duration
<b>1</b> Baseline Waste Treatment Plant High Level Waste Vitrification & Pre-Treatment Facility	\$3.5 Billion  3 years	\$129 B 	62 years  2084
<b>14</b> Baseline plus Re-designed Pre-treatment and Evaporation	\$4.2 Billion  3 years	\$107 B 	42 years  2064
<b>17</b> Direct Feed High Level Waste 1 Melter	\$1.3 Billion  3 years	\$164 B 	150+ years  2168+
<b>14/17</b> Combo	\$4 Billion  3 years	\$105 B 	60 years  2082
<b>18</b> Grout Direct Feed High Level Waste & Pre-treatment	\$1.5 Billion  2 years: 2026-2028	\$110 B 	53 years  2075
	\$2.5 Billion  4 years: 2042-2046		
	\$2.0 Billion  16 years: 2051-2067		