

US ECOLOGY

MTCA INVESTIGATION SITE HISTORY AND DESCRIPTION

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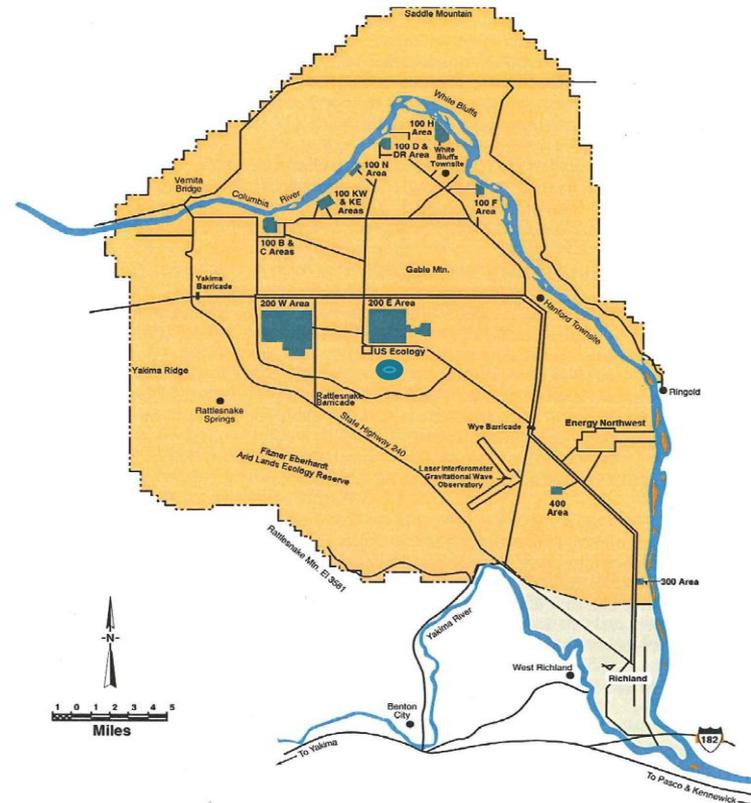
Hanford Site Location Map



Site Location

- ▶ In Benton County
- ▶ 23 miles northwest of Richland
- ▶ Near the center of USDOE Hanford Site
- ▶ Located on the Central Plateau
- ▶ Sits on approximately 100 acres of land
- ▶ Operated by US Ecology, Inc.

Figure 1.B: Map of Hanford



Site History

- ▶ 1965 – The commercial LLRW site began accepting LLRW and chemical waste.
- ▶ 1970 – Chemical trench was closed.
- ▶ 1980 – LLRW Policy passed.

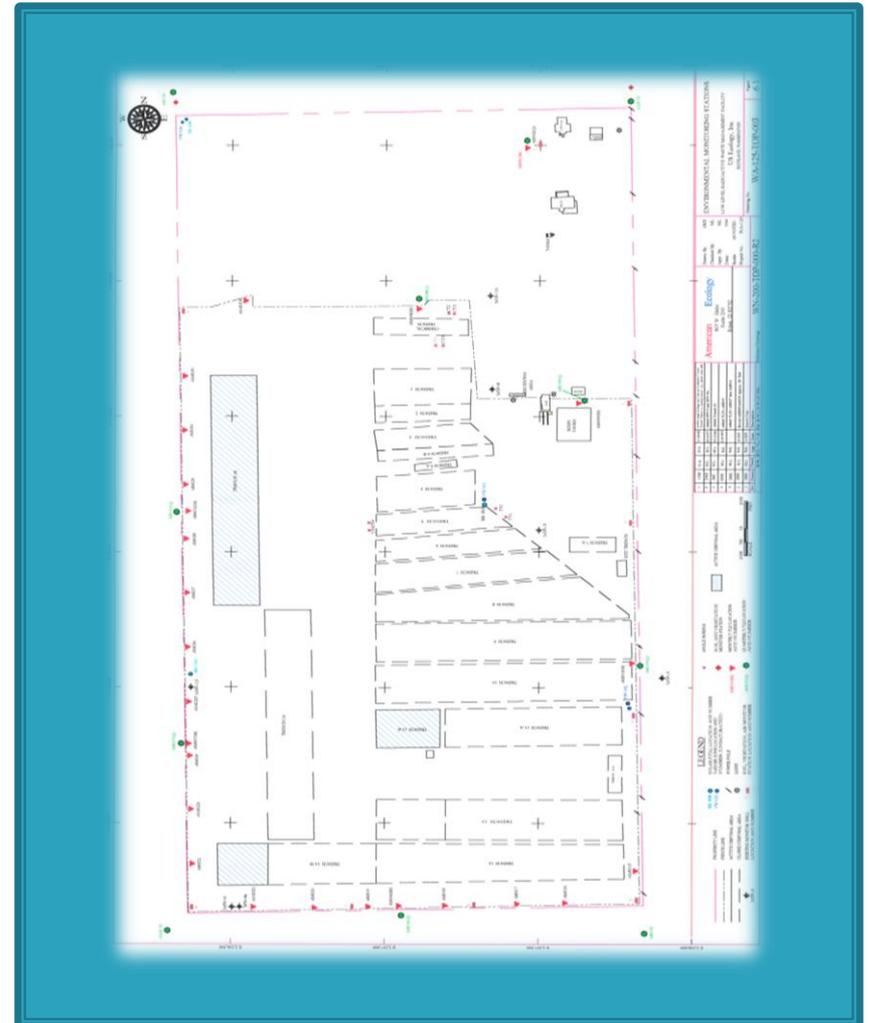


Site History

- ▶ 1985–1986 – Five resin tanks pumped.
 - ▶ 1993 – Northwest Compact restricted disposal of LLRW to member states and Rocky Mountain Compact states (11 states total).
 - ▶ 1998 – Draft EIS started and site investigation began.
 - ▶ 1999 – Absorbed liquids no longer accepted for disposal.
 - ▶ 2001 – Listed on state hazardous site list.
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Site Description

- ▶ Conventional shallow-land burial of packaged waste into unlined trenches.
- ▶ Trenches range from 300–700 feet long, 50–80 feet wide and 30–50 feet deep
- ▶ Currently three open operating trenches
- ▶ Twenty filled trenches



Site History

- ▶ 1998 – Phase I and II of site investigation.
- ▶ 2003 – DQO.
- ▶ 2004 – Final EIS.



The MTCA Investigation

- ▶ Closure account
- ▶ Managed by Ecology
- ▶ Expenditures from the account require legislative appropriation
- ▶ Funds have been appropriated to complete the MTCA investigation.
 - Work plan
 - Sampling plan with optimized design
 - Implementation of the work plan
 - Preparation of the RI/FS
 - Draft Cleanup Action Plan