

Post-Closure LANL Data

Predominantly Natural
 ▲ Surface Water
 ■ Treatment System
 ● Well

Predominantly Anthropogenic
 ▲ Surface Water
 ■ Treatment System
 ● Well

Analysis Pending
 ▲ Surface Water
 ■ Treatment System
 ● Well

Pre-Closure LANL Data

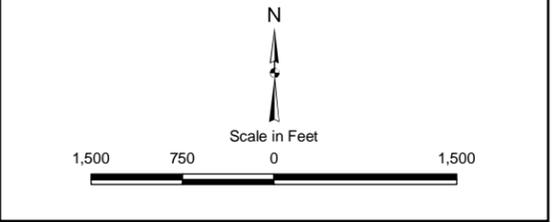
○ Predominantly Natural
 ○ Predominantly Anthropogenic
 ○ No Pre-Closure LANL Data

Other Features

— GW Treatment System
 — Major Road
 — Topographic contour (10-foot interval)
 — Stream, ditch, or other drainage feature
 ■ Lake or Pond
 ■ Constructed Wetland
 ■ Landfill
 ■ Refuge Boundary
 ■ Central OU Boundary

Notes:
 Pre-Closure arithmetic average uranium concentrations for surface water and treatment system locations are calculated using all available data for the period 10/1/96 to 10/13/05. Pre-Closure arithmetic average uranium concentrations for groundwater are calculated for the period 1/1/00 to 10/13/05.
 Post-Closure arithmetic average uranium concentrations are calculated for the period 10/13/05 to the present.

Sample results received as pCi/L or ug/L. Units converted to average pCi/g and ug/L concentrations for illustrative purposes using appropriate mass to activity conversion factors.
 Natural uranium percentages are for LANL analyses only.
 SPPTS: Solar Ponds Plume Treatment System
 MSPTS: Mound Site Plume Treatment System
 ETPTS: East Trenches Plume Treatment System
 PLFTS: Present Landfill Treatment System
 Additional LANL data are pending for locations GS10, GS13, SW093, 00193, 15699, A3 POND, A4 POND, B5 POND, C2 POND, B206989, PLFPONDEFF, POM2, SPIN, and SPPDISCHARGE GALLERY.



U.S. DEPARTMENT OF ENERGY
 GRAND JUNCTION, COLORADO

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Figure 2
 Comparison of Pre- and Post- Closure
 LANL Uranium Quantitative Analysis

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