

## Environmental Monitoring

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### Comments

L-0033/006

Revise the analysis to state the contamination to the soil at the edge of the storage trenches[.]

### Response

All contaminated areas may be susceptible to contamination migration and are surveyed at least annually to document the current radiological status. Contaminated soil and/or vegetation is removed if possible. Surface contamination is discussed in Volume I Section 4.2.2. Details regarding surface contamination are documented in the Hanford Site Environmental Report 2001 (Poston et al. 2002).

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### Comments

L-0044/060

The groundwater quality description associated with LLWMA 3 states: "EPA, Ecology, and DOE have an integrated groundwater monitoring well network for the Central Plateau. This includes new wells to be installed for the LLBGs." The statement is not correct. At present, there is no "integrated groundwater monitoring well network for the Central Plateau" which addresses the LLBG groundwater monitoring network and program deficiencies.

TPO-0015/007

Also, if we're creating half a million year waste, we need half a million years of monitoring. We made this mess, we need to monitor it; we need to make it safe and store it safely. We don't need to just move it around and move it around and move it around.

### Response

DOE maintains an extensive radiological and hazardous chemical monitoring network for groundwater, surface water, air, and biological resources. The results of these analyses are summarized in the annual Hanford Site Environmental Report (Poston et al. 2002) and the annual Groundwater Monitoring Report (Hartman et al. 2002).

Volume I Section 4.5.3.3 has been revised to provide additional information on groundwater monitoring.

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### Comments

E-0014/002

Moreover, we have cousins, who grew up downwind of Hanford during the green run, dying of thyroid cancer

P-0171/001

So we must be careful of nuclear waste or whatever.

### Response

DOE maintains extensive programs to protect the environment and limit releases of radionuclides to levels consistent with public health and safety.