

Area IV Historical Site Assessment (HSA)

What is the Area IV Historical Site Assessment?

The Area IV Historical Site Assessment is a detailed investigation of historical information from Area IV. The HSA is an evaluation that identifies sites (i.e., numbered structures) that may have contained regulated radioactive material and classifies the sites as radiologically impacted or non-impacted. The HSA describes the final status surveys performed for those impacted sites that have been released for unrestricted use by the appropriate regulatory agencies. Impacted sites (both buildings and building footprints) requiring further sampling have been identified.

How was the Area IV HSA completed?

Historically, each structure in Area IV was designated by a unique site number. Throughout its operational history a total of 272 sites were established in Area IV, each of which was evaluated in the Area IV HSA. Based on operational records and personnel interviews, a site summary was completed for each of the 272 sites. The site summaries contain information about operational history of the site including a site description, information about radiological surveys and the current status of the site. Using the site summaries, sites were classified as impacted or non-impacted.

What were the results of the Area IV HSA?

Using the information provided in the 272 site summaries, 177 sites were classified “non-impacted”, i.e., did not handle regulated radiological material and 95 sites were classified as “impacted”. Out of the 95 sites, 68 require no further action and 27 will require additional surveys prior to release.

How did the HSA determine if a site was “non-impacted”?

The HSA results are based on the information used to develop site summaries. If the site’s operational history did not indicate the use of radiological materials, then the site was determined to be non-impacted.

How did the HSA determine if a site is “impacted”?

A site was considered impacted if there was indication that regulated radiological material was used at the site. This conclusion was based on the operational history of the site as presented in the site summaries.

What are the next steps for sites requiring further action?

Twenty-seven impacted sites have been identified in the HSA as needing further action. These sites will undergo remediation if necessary, and confirmation surveys to determine if the site meets release standards for unrestricted use. Sites that have already undergone remediation activities will only undergo confirmation surveys. If any site does not meet release standards, additional remediation will be required.

When will the HSA be available to the public?

The HSA was completed at the middle of June. It is available on DOE’s website, <http://apps.em.doe.gov/etec/hsa.html>.

Who can I contact for more information?

You can call Mike Lopez (DOE) at (510) 637-1633 or Majelle Lee (Boeing) at (818) 586-5283.