

Area IV Historical Site Assessment (HSA)

What is the Area IV Historical Site Assessment?

The Area IV Historical Site Assessment (HSA) is a detailed review of historical information about activities in Area IV that focuses on the use of radiological materials. The HSA identifies sites (i.e., numbered structures, excluding groundwater wells) and evaluates the site data for use of regulated radioactive material. The sites are then classified as potentially 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?

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.

What are the results of the Area IV Historical Site Assessment?

Using the information as 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”. Of these 95 sites, 70 have been released and require no further action and 25 sites will require additional surveys prior to release.

Why was a site classified as “impacted” in the HSA?

A site was considered impacted if there was indication that regulated radiological material was used at the site.

What are the next steps for sites requiring further action?

Twenty-five impacted sites have been identified in the HSA as needing further action. These sites will undergo surveys to determine if the site meets release standards for unrestricted use. If the site does not meet release criteria then remediation will be performed with appropriate plans, procedures and regulatory oversight. Final surveys will be performed at all sites to verify they meet release criteria.

When will the HSA be available to the public?

The HSA has been completed. It will be sent to the three local libraries and is currently 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.