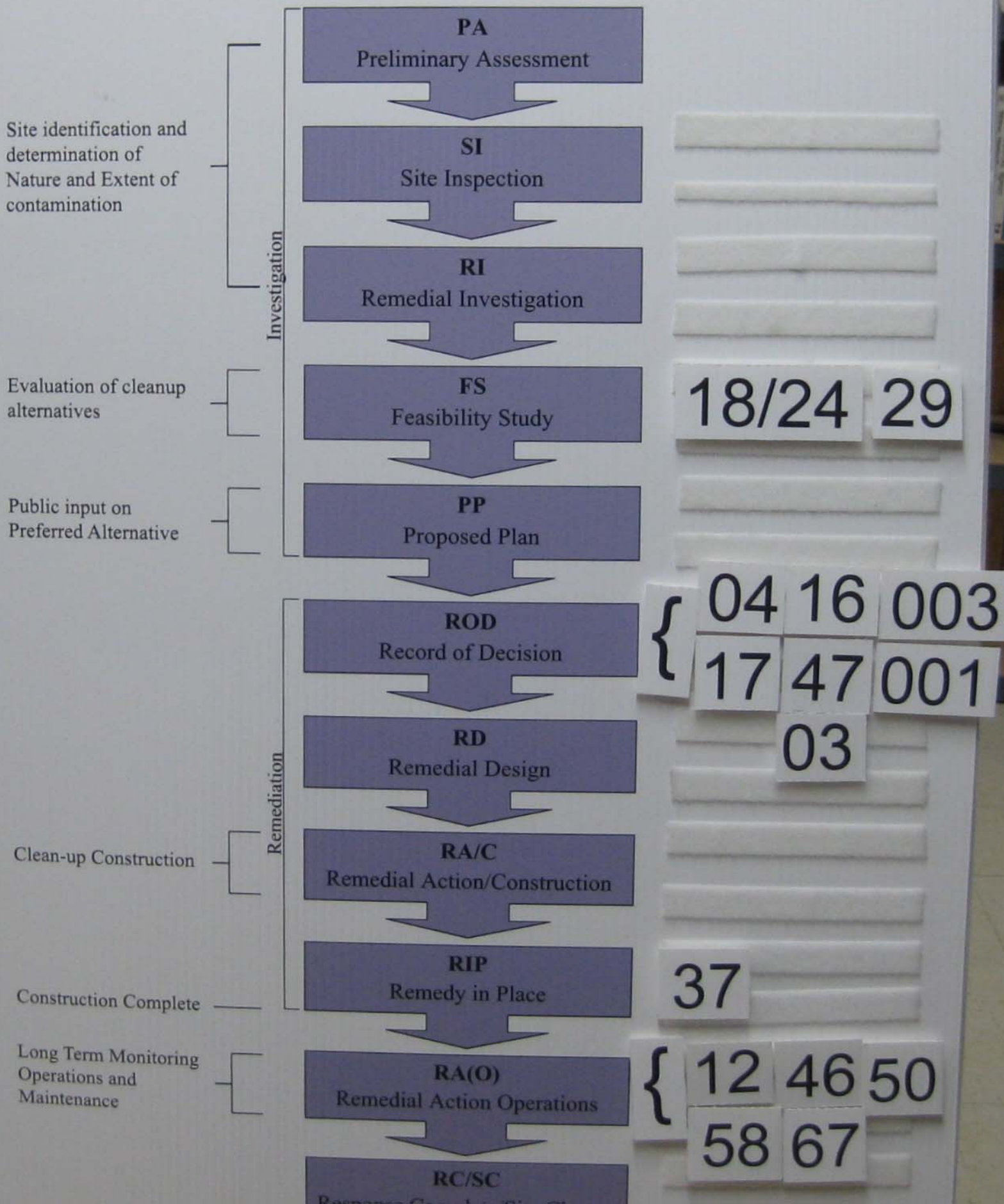


Comprehensive Environmental Response, Compensation, and Liability Act

Site Investigation and Remediation Process



Understanding the CERCLA Site Investigation and Remediation Process at Longhorn Army Ammunition Plant

This flow chart demonstrates the step-by-step process that the Army is following to characterize and clean up contamination at the active Environmental Restoration Program sites at the Longhorn Army Ammunition Plant (LHAAP) in accordance with the Comprehensive Environmental Restoration, Compensation, and Liability Act (CERCLA) requirements. It also shows the step each site is at in the process, as of the April 21, 2016 Restoration Advisory Board (RAB) meeting. If you have any questions or concerns, the public is invited to every RAB meeting and you are welcome to come and get additional information. If you can't make it to a meeting, you can also contact one of the RAB members to get your questions or concerns answered, or email the Army co-chair, Rose.M.Zeiler.civ@mail.mil. All of the LHAAP sites have completed the site identification and contaminant characterization steps (Preliminary Assessment [PA], Site Inspection [SI], and Remedial Investigation [RI]) and two sites are at the Feasibility Study (FS) step (LHAAP-18/24 and LHAAP-29). In the FS, The Army reviews the information gathered during the RI and identifies and evaluates remedial technologies and remedial alternatives against specific criteria to make an informed management decision on which remedy to recommend as the most appropriate for a given site.

There are seven sites at the Record of Decision (ROD) step (LHAAP-03, LHAAP-04, LHAAP-16, LHAAP-17, LHAAP-47, LHAAP-001-R-01, and LHAAP-003-R-01). The ROD documents the selection of the remedial action or treatment technology to be used at the site. The RODs, which address any significant comments received on the proposed plan, will be available for public review and included in the Administrative Record, located at the Marshall Public Library. The Army will publish a legal notice in the Marshall News Messenger when each ROD is available for review.

One site, LHAAP-37, is at the Remedy-in-Place (RIP) step, which means the remedy selected in the ROD has been implemented.

The remaining sites, LHAAP-12, LHAAP-46, LHAAP-50, LHAAP-58, and LHAAP-67, are at the Remedial Action (Operations) (RA(O)) step. During RA(O), the only activities being performed are long-term groundwater monitoring, and operation and maintenance of the remedy. RA(O) will continue until the cleanup levels for Response Complete (RC) and Site Closeout (SC), as specified in the ROD, are achieved and no further action is required.

It is important to note that there is no particular timeframe associated with an individual step in the process or for an individual site to achieve RC and SC. The rate at which sites advance through the process is determined mainly by the complexity of the site, the nature of contaminants and contaminated media, and the final remedy specified in the ROD.

Activities undertaken by the Army at all LHAAP sites, regardless of which step in the CERCLA process they are at, are conducted in a manner that is protective of human health and the environment.

This chart will be updated four times a year in advance of the quarterly RAB meetings to show progress achieved since the last meeting. The updated charts will be posted on this website.