

Results

Regional

There were a total of 109 Superfund Response and Removal Sites that were identified as having successfully completed all non-enforcement activity between the dates of January 1, 2001 and October 1, 2006. Of the 109 sites, most (93 sites) were identified as Non- NPL Sites. See Figure 1. During this time frame, the Response and Removal Program completed actions on 766 acres of land throughout the Region. For this analysis, the acreage estimates represent only the portion of site where actual removal activity occurred. Although NPL sites represented only 15% of the total amount of Response and Removal activity, NPL sites had 39% of the acreage (303 acres) involved. Region 3 either directed and/or implemented Response and Removal activities to completion at 93 Non-NPL Sites with a total of 463 acres involved.

Figure 1: Total Number of Region 3 Response and Removal Sites that were completed between 2001 and 2006 – (NPL and Non-NPL Sites)

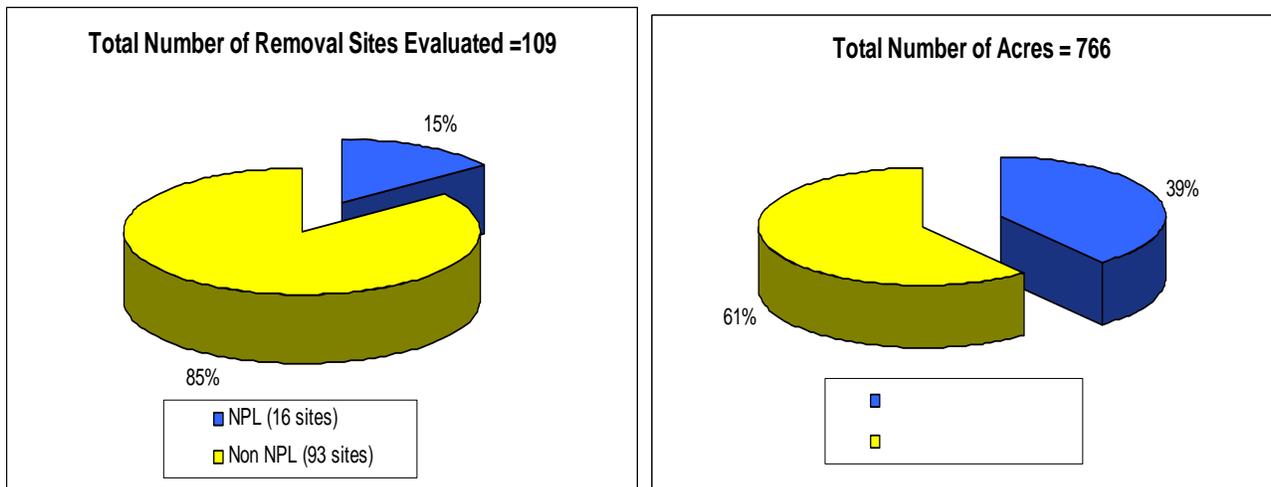


Figure 2 illustrates that over the past five years, most Response and Removal sites within Region 3 are located in Pennsylvania. Maryland had the smallest share of the Region's sites, both in number and acreage. A more in-depth analysis of the sites within each state is located further in this report.

Figure 2. Response and Removal Sites completed in each State between 2001 and 2006 (Non-NPL and NPL sites)

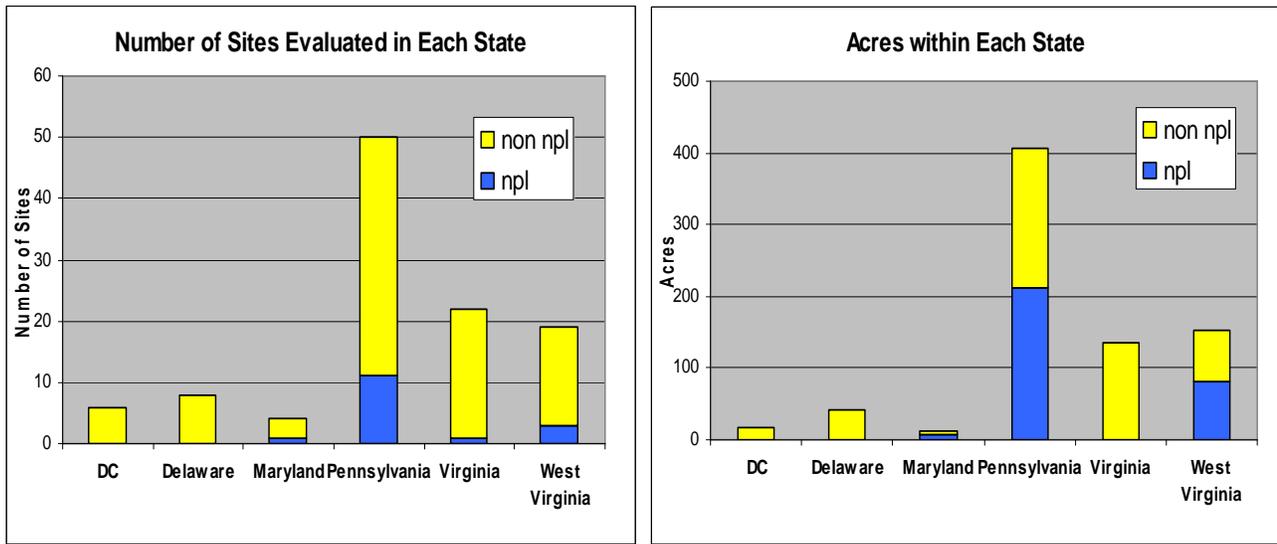
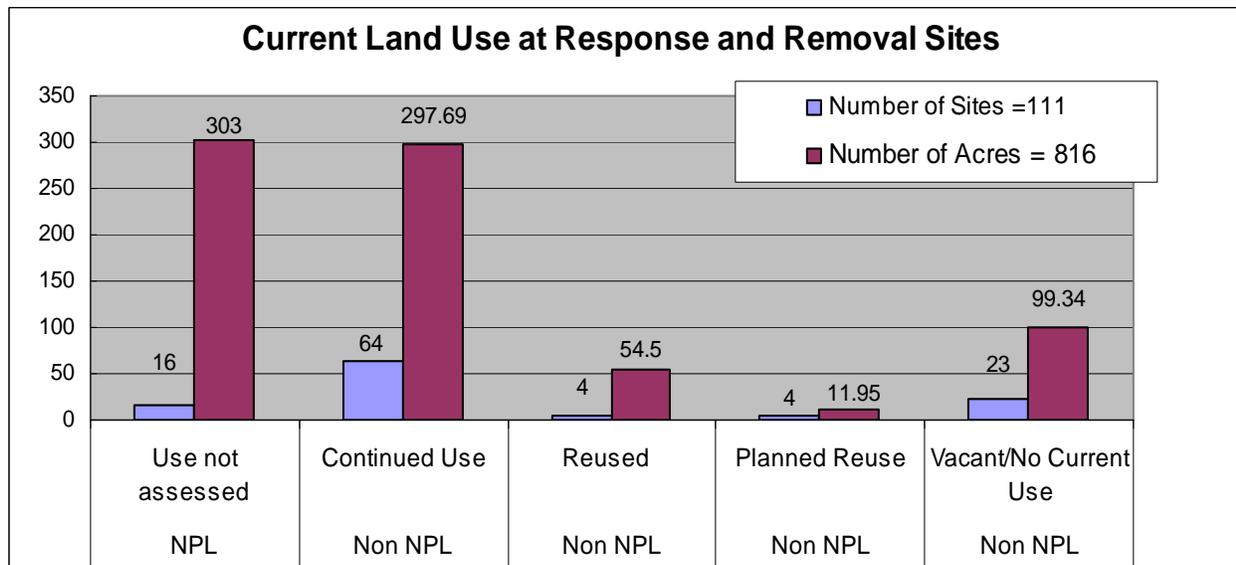


Figure 3 shows the distribution of the “Current Land Use” at the Response and Removal Sites at both NPL and Non-NPL sites. Figure 3 illustrates that of the 766 acres, 303 acres are associated with NPL sites. The NPL sites were not assessed for current land use in this study. Land uses at NPL sites were assessed in the study, “Hazardous Waste Cleanup Sites Land Use & Reuse Assessment” dated May 2006. This document can be found at the following website: <http://www.epa.gov/region03/revitalization/reuse.htm> Please refer to this document for further information on NPL sites. Figure 3 also indicates that 23 sites (99 acres) are currently vacant with no current use and 64 sites (298 acres) have been restored to their original use.

Figure 3. Current Land Use at Response and Removal Sites that were completed between 2001 and 2006



* Some sites had more than one current land use, therefore the number of sites in each land use adds up to more than the number of sites evaluated.

The remaining graphs and charts in this section of the report consider only Non-NPL sites. Figure 4 illustrates that the majority of Non-NPL sites are being used or have a plan for use. Of the acres affected by contamination, 64% (298 acres) were returned to their original use after a Response and Removal action. (e.g. industrial facility remains an industrial facility), 12% (55 acres) are being reused and 3 % (12 acres) are being considered for reuse. Of the 463 acres at Non-NPL sites that have had Response and Removal activity, 21 % (99 acres) remain vacant.

Figure 4. Per Cent of Non-NPL Response and Removal Sites in Each Land Use Category

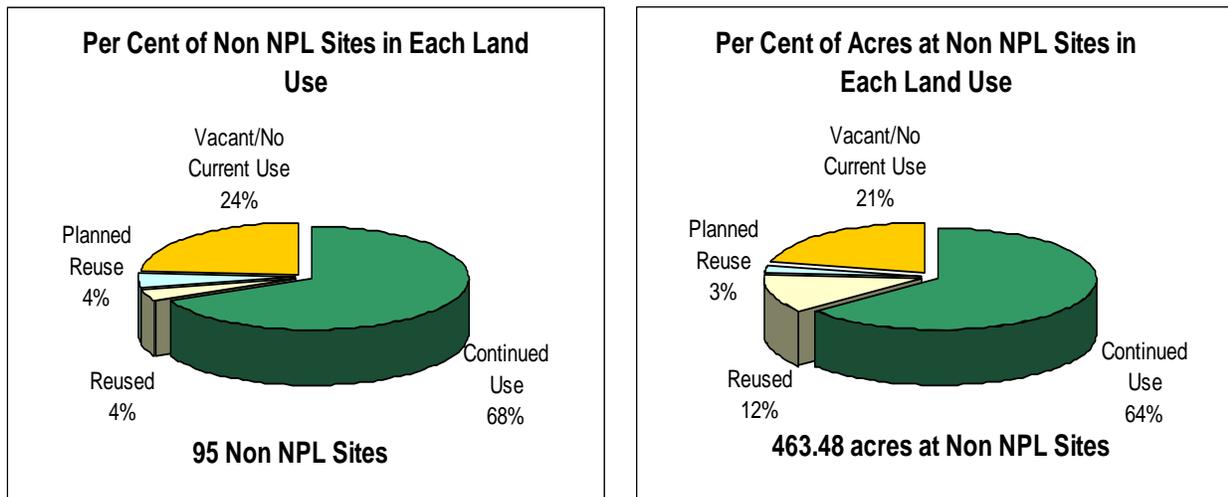


Figure 5 breaks down the land use at Response and Removal sites within each State. Figure 5 illustrates that the majority of land impacted by Response and Removal activities in Virginia, Pennsylvania and West Virginia were returned to their original use. The Commonwealth of Pennsylvania has the most response and removal sites with most of its land being returned to its original use and about 50 acres currently remaining vacant.

Figure 5. Acreage within each Land Use Category and State

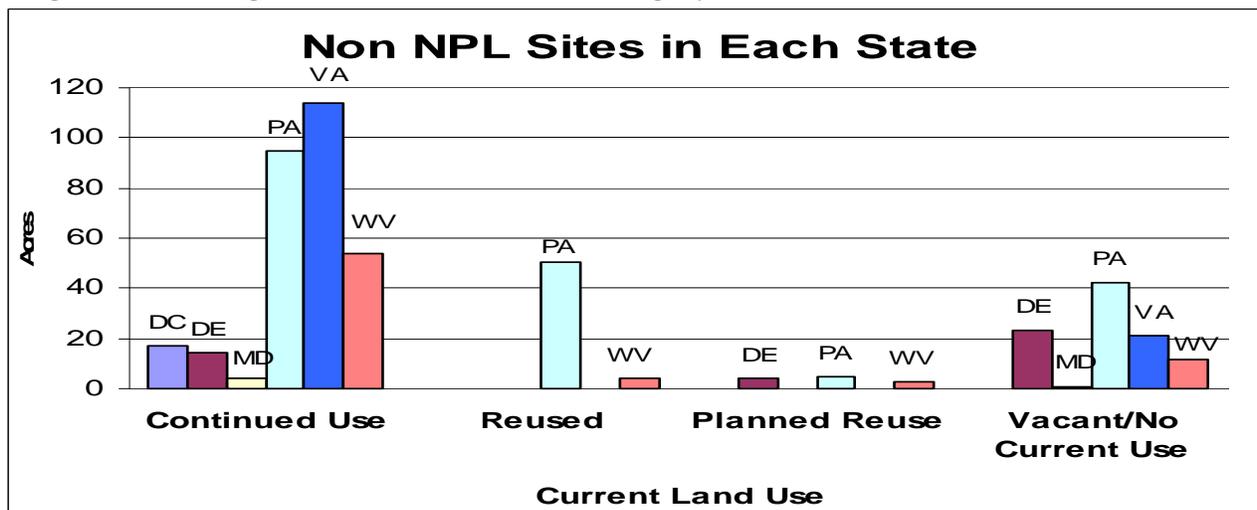


Figure 6 identifies the type of land use for each category of current land use. The analysis indicated that throughout the Region, industrial and residential uses were predominately the “continued use” after a Response and Removal action. The Response and Removal program was instrumental in restoring over 110 acres of contaminated residential land to be safely enjoyed by their homeowners and cleaning up and returning 100 acres of industrial land to productive use. Figure 6 illustrates that the majority of land that was “reused” was developed for recreational activity, with some land developed for commercial or residential uses.

Figure 6. Type of Land Use at Non-NPL Response and Removal Sites in Region 3 that were completed between 2001 and 2006

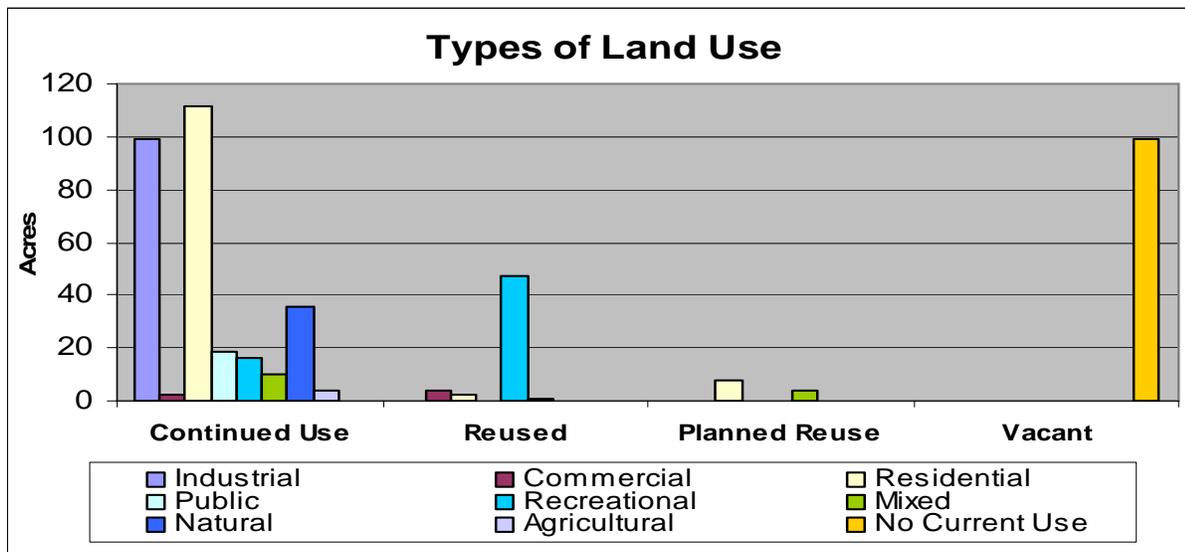


Figure 7 illustrates the amount of land in acres that remains vacant after a response and removal action that was completed between 2001 and 2006. While some of the vacant property may need further assessment before it can be productively reused, much of the vacant land is currently available for reuse.

Figure 7. Vacant land at Non-NPL Response and Removal Sites in Region 3 that were completed between 2001 and 2006

