

**Redstone Arsenal Environmental Program
Public Comment Period –
22 January 2025 – 21 February 2025
Proposed Corrective Measures for Groundwater
Contamination at RSA-143.**

Public comments are solicited on the Army's recommendation for corrective measures for contaminated groundwater at site RSA-143.

RSA-143, Petroleum Contaminated Soil Site South of Building 3240, is an underground storage tank (UST) spill site located in the northeastern portion of Redstone Arsenal. The site contains two petroleum releases: one near Building 3234 and one near 3240. There were confirmed gasoline leaks from USTs at both locations. Four chemicals in soil including benzene, methyl tert-butyl ether (MTBE), naphthalene, and 1-methylnaphthalene potentially pose an unacceptable human health leaching threat to groundwater. Soils at RSA-143 meet the requirements for no further action.

The Army has concluded that bioremediation treatment most appropriately addresses the contaminated groundwater at RSA-143. Petrox™, a commercially available blend of the bacterial species *Pseudomonas*, has been selected because it propagates under a wide range of biogeochemical parameters, including the contaminants of concern in the groundwater at RSA-143.

Groundwater sampling will be conducted for performance monitoring of the bioremediation treatment and to monitor the natural attenuation of contaminants in portions of the plume until the cleanup goals are reached over time. Land use controls prohibiting groundwater use are already in place at the site and will be maintained RSA-wide

All public comments will be reviewed and considered for the sites. The Alabama Department of Environmental Management has granted concurrence with the Army's recommendations. The final decision will be made after any public comments received on this notice and following consideration of comments received during the public comment period on the proposed modification to Redstone Arsenal's Alabama Hazardous Wastes Management and Minimization Act Permit.

Site documents are available for public viewing at the following locations:

- Huntsville/Madison County Public Library, Heritage Room, 915 Monroe Street, Huntsville
- Triana Public Library, 357 Record Street, Triana

For more information or to send comments about the proposed corrective measures at these sites, contact:

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