



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III

FINAL DECISION AND RESPONSE TO COMMENTS

INACTIVE PORTION OF  
FORMER ARCO CHEMICAL COMPANY  
MONACA, PENNSYLVANIA  
EPA ID NO. PAD068730225

I. FINAL DECISION

The United States Environmental Protection Agency (EPA) has selected monitored natural attenuation until Maximum Contaminant Levels (MCLs) promulgated pursuant to Section 42 U.S.C. §§ 300f et seq. of the Safe Drinking Water Act and codified at 40 CFR Part 141, are met or until EPA approves cessation of monitoring; re-establishment of a groundwater monitoring program for the former waste disposal areas; compliance with a Post-Remediation Care Plan (PRCP), and the implementation of land and groundwater use restrictions as the Final Remedy for the Inactive Portion of the former ARCO Chemical Company facility (the Facility), located at 400 Frankfort Road in Monaca, Pennsylvania. The Final Remedy is based on EPA's findings as detailed in the Statement of Basis (SB) which EPA issued for the Inactive Portion on August 23, 2018 and is consistent with EPA's February 2003 *Final Guidance on Completion of Corrective Action Activities at RCRA Facilities* (reference 68 FR 8757).

The PRCP will include a soil management plan detailing work procedures and personal protective equipment requirements for any intrusive operations conducted within the Inactive Portion; inspection and maintenance requirements that ensure long-term integrity of the covers over the former disposal areas within the East Landfill Area, Raccoon Creek Area, and the West Landfill Area; and a groundwater monitoring plan for these former disposal areas. Additionally, EPA's Final Remedy requires a land use restriction prohibiting residential development or use of the Inactive Portion; a restriction on intrusive operations within the former disposal areas within the East Landfill Area, Raccoon Creek Area, and West Landfill Area; a groundwater use restriction prohibiting

any use other than for remedial purposes; and a restriction on building construction within the Inactive Portion unless approved by EPA or PADEP. The components of EPA's Final Remedy may be enforced through an order, permit, or through an Environmental Covenant to be executed pursuant to the Pennsylvania Uniform Environmental Covenants Act, 27 Pa. C.S. Sections 6501-6517 (UECA).

If the owner and/or operator of the Facility fail to meet their/its obligations or EPA, in its sole discretion, deems that additional activities and/or controls are necessary to protect human health or the environment, EPA has the authority to require and enforce additional corrective actions consistent with public participation provisions under the Resource Conservation and Recovery Act (RCRA).

## II. PUBLIC COMMENT PERIOD

On August 23, 2018, EPA issued a SB in which it announced its proposed remedy for the Inactive Portion. Consistent with public participation provisions under RCRA, EPA requested comments from the public on the proposed remedy. The commencement of a thirty (30)-day public comment period was announced in the *Beaver County Times* on August 27, 2018 and on the EPA Region III website. The public comment period ended on September 26, 2018.

## III. RESPONSE TO COMMENTS

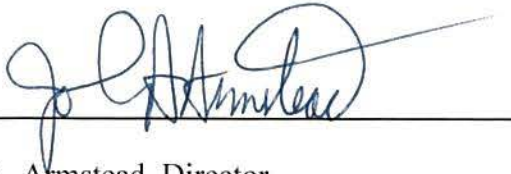
EPA received no comments on the proposed remedy. Consequently, the Final Remedy is unchanged from that proposed in the SB. The SB is incorporated herein and made a part thereof as Attachment A.

## IV. AUTHORITY

EPA is issuing this Final Decision and Response to Comments under the authority of the Solid Waste Disposal Act, as amended by RCRA, and the Hazardous and Solid Waste Amendments (HSWA) of 1984, 42 U.S.C. Sections 6901 to 6992k.

## V. DECLARATION

Based on the Administrative Record compiled for the Corrective Action at the Facility, EPA has determined that the Final Remedy selected in this Final Decision and Response to Comments is protective of human health and the environment.



John A. Armstead, Director  
Land and Chemicals Division  
U.S. EPA Region III

9.28.18

Date

Attachment A: Statement of Basis, August 2018