

ADMINISTRATIVE RECORD
KEYSTONE METALS REDUCTION
BOROUGH OF CHESWICK
ALLEGHENY COUNTY

Date Opened: October 29, 2016

Part I. History / Site Investigation

1. November 16, 2010 Bureau of Radiation Protection Memorandum regarding walk-over radiation level survey of the site.
2. Historical references documenting radium production at the Keystone Metals Reduction (KMR) site. Sources include the following:
 - a. Rothwell, Richard P. (1922). *The Mineral Industry its Statistics, Technology and Trade During 1921*. McGraw-Hill Book Company.
 - b. Hess, Frank L. *Radium, Uranium, and Vanadium. Mineral Resources, 1917 – Part I*.
 - c. *Journal of Industrial and Engineering Chemistry*. (April 1921).
 - d. Industrial Commission of Utah (1920). *Report of the Mine Inspection Department*.
 - e. American Chemical Society (1922). *Treasurer's Report*.
 - f. Thews, K. B., & Heinle, F. J. (1923). *Industrial and Engineering Chemistry: Extraction and Recovery of Radium, Vanadium, and Uranium from Carnotite*.
3. Site Characterization Report prepared October 2012 by Michael Baker Jr., Inc.
4. Supplemental Characterization Report prepared July 2013 by Michael Baker Jr., Inc.
5. Remedial Alternatives Analysis Report prepared August 2014 by Michael Baker Jr., Inc.

6. Remedial Alternatives Analysis Report prepared June 2016 by AECOM.
7. Quarterly Groundwater Sampling Results for 2nd, 3rd, 4th Quarter 2015 and 1st Quarter 2016 prepared by AECOM.

Part II. Notifications and Public Participation

8. Letter sent to Richard W. Holsing, President of North American Fencing Corporation dated December 9, 2010. Letter sent by James Yusko of the Radiation Protection Program explaining that a preliminary survey of the property had been conducted.
9. 503 information request letters sent January 6, 2011, to Richard W. Holsing (North American Fencing Corporation) by Barbara Gunter, Hazardous Sites Cleanup Program, Department of Environmental Protection.
10. 501(e) Notices sent April 12, 2011 to Richard W. Holsing and Eddie Watson by Barbara Gunter, Hazardous Sites Cleanup Program, Department of Environmental Protection.
11. Courtesy letters sent April 19, 2011 to Senator James R. Brewster, Representative Frank Dermody, and Cheswick Borough, by Barbara Gunter, Hazardous Sites Cleanup Program, Department of Environmental Protection regarding the investigation of the KMR Site.
12. 501 (a) and 501 (e) letter sent November 9, 2016 to Richard W. Holsing by Paul Vogel, Hazardous Sites Cleanup Program, Department of Environmental Protection.
13. Notice of Interim Response published October 29, 2016 in the PA Bulletin, Volume 46, No. 44., Page 6920.
14. Notice of Interim Response published in the Tribune-Review on October 29, 2016.

Part III. Response Decision Documents

15. Response Justification Document, signed March 28, 2011 by David Eberle, Environmental Cleanup Program Manager, Department of Environmental Protection.
16. Scope of Work for Groundwater Monitoring at the KMR Site, prepared by Dawna Saunders, Hazardous Sites Cleanup section, Department of Environmental Protection.

17. Analysis of Alternatives and Proposed Response Document, signed September 30, 2016 by Susan Malone, Regional Director, Southwest Region, Department of Environmental Protection.