

GUIDANCE DOCUMENTS

The following is a list of EPA guidance documents consulted during the development and selection of a response action for the Iron King Mine Humboldt Smelter Superfund site located in Dewey-Humboldt, Arizona. These documents are listed chronologically and can be accessed via the Internet by clicking on the links below.

Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA: Interim Final. U.S. Environmental Protection Agency, Office of Emergency & Remedial Response (OERR). EPA/540/G-89/004. October 1988.
<https://semspub.epa.gov/work/HQ/100001529.pdf>

Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual, Part A. U.S. Environmental Protection Agency, OERR. EPA/540/1-89/002. December 1989.
https://www.epa.gov/sites/default/files/2015-09/documents/rags_a.pdf

Role of the Baseline Risk Assessment in Superfund Remedy Selection Decisions. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response (OSWER). OSWER Publication 9355.0-30. April 1991.
<https://semspub.epa.gov/work/HQ/130917.pdf>

A Guide to Principal Threat and Low-Level Threat Wastes – Quick Reference Fact Sheet. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response (OERR). EPA/OSWER 9380.3- 06FS, OERR OS-220W. November 1991.
<https://semspub.epa.gov/work/HQ/175390.pdf>

Wildlife Exposure Factors Handbook. U.S. Environmental Protection Agency. EPA/600/R-93/187a. December 1993.
<https://cfpub.epa.gov/ncea/risk/recordisplay.cfm?deid=2799>

Guidance on Considering Wetlands at Superfund Sites. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response (OSWER). OSWER Directive 9280.0-03. May 1994.
<https://semspub.epa.gov/work/07/30221287.pdf>

Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities. U.S. Environmental Protection Agency, OSWER. OSWER 9355.4-12. August 1994.
<https://semspub.epa.gov/work/HQ/175347.pdf>

Clarification to the Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities. U.S. Environmental Protection Agency, OSWER. EPA 540-F098-030, OSWER 9200.4-27P. August 1994.
<https://semspub.epa.gov/work/HQ/175346.pdf>

Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments (Interim Final). U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response (OSWER). EPA 540-R-97-006. June 1997.

<https://semspub.epa.gov/work/HQ/157941.pdf>

A Guide to Preparing Superfund Proposed Plans, Records of Decision, and Other Remedy Selection Decision Documents. United States Environmental Protection Agency, OSWER. EPA 540-R-98-031, OSWER # 9200.1-23P. July 1999.

<https://semspub.epa.gov/work/HQ/50009392.pdf>

A Guide to Developing and Documenting Cost Estimates During the Feasibility Study. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response & U.S. Army Corps of Engineers, Hazardous, Toxic, and Radioactive Waste Center of Expertise. EPA 540-R-00-002. OSWER 9355.0-75. July 2000.

<https://semspub.epa.gov/work/HQ/174890.pdf>

EPA Requirements for Quality Assurance Project Plans. U.S. Environmental Protection Agency, Office of Environmental Information (OEI). EPA QA/R-5, EPA/240/B-01/003. March 2001.

https://www.epa.gov/sites/default/files/2016-06/documents/r5-final_0.pdf

Principles for Managing Contaminated Sediment Risks at Hazardous Waste Sites. U.S. Environmental Protection Agency, OSWER. February 12, 2002.

<https://semspub.epa.gov/work/HQ/174512.pdf>

Guidance for Quality Assurance Project Plans. U.S. Environmental Protection Agency, Office of Environmental Information (OEI). QA/G-5, EPA/240/R-02/009. December 2002.

<https://www.epa.gov/sites/default/files/2015-06/documents/g5-final.pdf>

Drinking Water Advisory - Consumer Acceptability Advice & Health Effects Analysis on Sulfate. U.S. Environmental Protection Agency Office of Water, Health and Ecological Criteria Division. EPA 822-R-03-007. February 2003.

<https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=20003KBY.txt>

Human Health Toxicity Values in Superfund Risk Assessments Memorandum. U.S. Environmental Protection Agency, OSWER. OSWER Directive 9285.7-53. December 5, 2003.

<https://www.regulations.gov/document/EPA-HQ-OLEM-2018-0524-0022>

Contaminated Sediment Remediation Guidance for Hazardous Waste Sites. U.S. Environmental Protection Agency, OSWER. EPA 540-R05-012 OSWER 9355.0-85. December 2005.

<https://semspub.epa.gov/work/HQ/174471.pdf>

Guidance on Systematic Planning Using the Data Quality Objectives Process. U.S. Environmental Protection Agency, OEI. QA/G-4 (EPA/240/B-06/001). February 2006.

<https://www.epa.gov/sites/default/files/2015-06/documents/g4-final.pdf>

Revised Guidance on Compiling Administrative Records for CERCLA Response Actions. Memo from Dana Tulis (Office of Emergency Management), Elliot Gilberg (Office of Site Remediation Enforcement), and James Woolford (Office of Superfund Remediation and Technology Innovation), U.S. Environmental Protection Agency. September 20, 2010 (with editor's note regarding 2013 amendment).

<https://semspub.epa.gov/work/HQ/500020882.pdf>

Technical Review Workgroup for Metals and Asbestos: Bioavailability Committee. Mineralogical Report. XAS Data and Linear Combination Fitting Results. Authors: Bradley W. Miller and Kirk G. Scheckel, U.S. Environmental Protection Agency. August 13, 2012.

<https://semspub.epa.gov/work/HQ/174540.pdf>

Compilation and Review of Data on Relative Bioavailability of Arsenic in Soil. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response (OSWER). OSWER 9200.1-113. December 2012.

<https://semspub.epa.gov/work/HQ/175339.pdf>

Recommendations for Default Value for Relative Bioavailability of Arsenic in Soil. U.S. Environmental Protection Agency, OSWER. OSWER 9200.1-113. December 2012.

<https://semspub.epa.gov/work/11/175338.pdf>

Institutional Controls: A Guide to Planning, Implement, Maintaining, and Enforcing Institutional Controls at Contaminated Sites. U.S. Environmental Protection Agency, OSWER. EPA 540-R-09-001, OSWER 9355.0-89. December 2012.

<https://semspub.epa.gov/work/HQ/175446.pdf>

Memo: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors. U.S. Environmental Protection Agency, OSWER. OSWER Directive 9200.1-120. February 6, 2014.

<https://www.epa.gov/risk/oswer-directive-92001-120>

Guidance for Supporting Community Advisory Groups at Superfund Sites. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. EPA 9230.0-138. August 2020.

<https://semspub.epa.gov/work/HQ/100002540.pdf>

National Oil and Hazardous Substances Pollution Contingency Plan: Part II, 40 CFR Part 300 (Code of Federal Regulations). 2021.

<https://www.govinfo.gov/content/pkg/CFR-2021-title40-vol30/pdf/CFR-2021-title40-vol30-part300.pdf>

Lead at Superfund Sites. U.S. Environmental Protection Agency. January 2023.

<https://www.epa.gov/superfund/lead-superfund-sites>