

4.0 References

Adrian, L. and H. Gorisch, 2002.” Microbial transformation of chlorinated benzenes under anaerobic conditions,” in *Research in Microbiology* 153, pp. 131–137; Elsevier, February 14.

ATSDR (Agency for Toxic Substances and Disease Registry), 2007. *Analyses of Groundwater Flow, Contaminant Fate and Transport, and Distribution of Drinking Water at Tarawa Terrace and Vicinity, U.S. Marine Corps Base Camp Lejeune, North Carolina: Historical Reconstruction and Present Day Conditions*, Chapter D, “Properties and Degradation Pathways of Common Organic Compounds in Groundwater,” Atlanta, Georgia, September.

Carter, R.W. and J. Davidian, 1968. *General Procedure for Gaging Streams: U.S. Geological Survey Techniques of Water-Resources Investigations*, Book 3, Chapter A6.

CDPHE (Colorado Department of Public Health and Environment), DOE (U.S. Department of Energy), and EPA (U.S. Environmental Protection Agency), 1996. *Final Rocky Flats Cleanup Agreement, Federal Facility Agreement and Consent Order, CERCLA VIII-96-21 RCRA (3008[h]) VIII-96-01, State of Colorado Docket #96-07-19-01*, July 19.

CDPHE (Colorado Department of Public Health and Environment), DOE (U.S. Department of Energy), and EPA (U.S. Environmental Protection Agency), 2012. *Rocky Flats Legacy Management Agreement*, as revised, including Attachment 2 modifications, December. Available at http://www.lm.doe.gov/Rocky_Flats/RFLMA.pdf.

ChemRisk, 1992. Reconstruction of Historical Rocky Flats Operations and Identification of Release Points, Project Tasks 3 & 4, Final Draft Report, August.

CNHP (Colorado Natural Heritage Program), 1994. *Natural Heritage Resources of the Rocky Flats Environmental Technology Site and Their Conservation*, Phase 1: Rock Creek, Final Report, Colorado Natural Heritage Program, Colorado State University, Fort Collins, Colorado.

CNHP (Colorado Natural Heritage Program), 1995. *Natural Heritage Resources of the Rocky Flats Environmental Technology Site and Their Conservation*, Phase 2: The Buffer Zone, Final Report, Colorado Natural Heritage Program, Colorado State University, Fort Collins, Colorado.

DOE (U.S. Department of Energy), 1997. *Evaluation of Radiochemical Data Usability*, Office of Environmental Management, ES/ER/MS-5, April.

DOE (U.S. Department of Energy), 2004. *Final Interim Measures/Interim Remedial Action for IHSS 114 and RCRA Closure of the RFETS Present Landfill*, Appendix B, “Post-Accelerated Action Monitoring and Long-Term Surveillance and Monitoring Considerations,” Golden, Colorado.

DOE (U.S. Department of Energy), 2005. *Final Interim Measure/Interim Remedial Action for the Original Landfill (Including IHSS Group SW-2; IHSS 115, Original Landfill and IHSS 196, Filter Backwash Pond)*, March 10.

DOE (U.S. Department of Energy), 2006a. *Corrective Action Decision/Record of Decision for Rocky Flats Plant (USDOE) Peripheral Operable Unit and Central Operable Unit*, September 29.

DOE (U.S. Department of Energy), 2006b. *Rocky Flats, Colorado, Site Wetland Mitigation Monitoring and Management Plan*, June.

DOE (U.S. Department of Energy), 2006c. *Rocky Flats Site 2006 Integrated Monitoring Plan Background Document*, July.

DOE (U.S. Department of Energy) 2006d. *Rocky Flats Site Annual Report of Site Surveillance and Maintenance Activities, Calendar Year 2005*, June.

DOE (U.S. Department of Energy), 2007a. *Erosion Control Plan for the Rocky Flats Property Central Operable Unit*, July.

DOE (U.S. Department of Energy), 2007b. *Rocky Flats Site Annual Report of Site Surveillance and Maintenance Activities, Calendar Year 2006*, DOE-LM-455-2007, April.

DOE (U.S. Department of Energy), 2008a. *Present Landfill Monitoring and Maintenance Plan and Post-Closure Plan, U.S. Department of Energy Rocky Flats Site*, March.

DOE (U.S. Department of Energy), 2008b. *Rocky Flats Site Annual Report of Site Surveillance and Maintenance Activities, Calendar Year 2007*, April.

DOE (U.S. Department of Energy), 2009a. *U.S. Department of Energy Rocky Flats Site, Original Landfill Monitoring and Maintenance Plan*, September.

DOE (U.S. Department of Energy), 2009b. *Rocky Flats, Colorado, Site Revegetation Plan*, January.

DOE (U.S. Department of Energy), 2009c. *Rocky Flats, Colorado, Site Quarterly Report of Site Surveillance and Maintenance Activities, First Quarter Calendar Year 2008*, July.

DOE (U.S. Department of Energy), 2009d. *Rocky Flats Site Annual Report of Site Surveillance and Maintenance Activities, Calendar Year 2008*, April.

DOE (U.S. Department of Energy), 2010a. *Rocky Flats Site Quarterly Report of Site Surveillance and Maintenance Activities, First Quarter Calendar Year 2010*, July.

DOE (U.S. Department of Energy), 2010b. *Rocky Flats Site Annual Report of Site Surveillance and Maintenance Activities, Calendar Year 2009*, April.

DOE (U.S. Department of Energy), 2010c. *Rocky Flats Site Quarterly Report of Site Surveillance and Maintenance Activities, Second Quarter Calendar Year 2010*, October.

DOE (U.S. Department of Energy), 2010d. *Emergency Response Plan for the Rocky Flats Site Dams*, January.

- DOE (U.S. Department of Energy), 2011a. *Rocky Flats Site Quarterly Report of Site Surveillance and Maintenance Activities, Third Quarter Calendar Year 2010*, January.
- DOE (U.S. Department of Energy), 2011b. *Rocky Flats, Colorado, Site, 2010 Annual Wetland Mitigation Monitoring Report*.
- DOE (U.S. Department of Energy), 2011c. *Rocky Flats Site Annual Report of Site Surveillance and Maintenance Activities, Calendar Year 2010*, April.
- DOE (U.S. Department of Energy), 2012. *Rocky Flats Site Annual Report of Site Surveillance and Maintenance Activities, Calendar Year 2011*, April.
- DOE (U.S. Department of Energy), 2013a. *Annual Mitigation Monitoring Report for Nationwide Permit #43, A-3/PLF Dam Breach Project at the Rocky Flats Site, 2013 Annual Report*, December.
- DOE (U.S. Department of Energy), 2013b. *Annual Report of Site Surveillance and Maintenance Activities at the Rocky Flats, Colorado, Site, Calendar Year 2012*, LMS/RFS/S09641, April.
- DOE (U.S. Department of Energy), 2013c. *Preble's Meadow Jumping Mouse Mitigation Monitoring Report for Biological Opinions ES/LK-6-CO-04-F-012 (April 5, 2004) and ES/LK-6-CO-13-F-008 (December 3, 2012) at the Rocky Flats Site, 2013 Annual Report*, November.
- DOE (U.S. Department of Energy), 2013d. *Rocky Flats, Colorado, Site, 2012 Annual Wetland Mitigation Monitoring Report*, March.
- DOE (U.S. Department of Energy), 2013e. *Rocky Flats, Colorado, Site, Site Operations Guide*, LMS/RFS/S03037.
- DOE (U.S. Department of Energy), 2013f. *Quarterly Report of Site Surveillance and Maintenance Activities First Quarter Calendar Year 2013*, LMS/RFS/S10368, July.
- DOE (U.S. Department of Energy), 2013g. *Quarterly Report of Site Surveillance and Maintenance Activities Second Quarter Calendar Year 2013*, LMS/RFS/S10694, October.
- DOE (U.S. Department of Energy), 2014. *Quarterly Report of Site Surveillance and Maintenance Activities Third Quarter Calendar Year 2013*, LMS/RFS/S11334, January.
- DOE (U.S. Department of Energy) and CDPHE (Colorado Department of Public Health and Environment), 2011a. *Environmental Covenant*, Jefferson County, Colorado Land Records instrument number 2011112377, November 14.
- EG&G, 1995a. *Hydrogeologic Characterization Report, Volume 2 of the Sitewide Geoscience Characterization Study*, EG&G Rocky Flats, Golden, Colorado, February.
- EG&G, 1995b. *Geologic Characterization Report, Volume 1 of the Sitewide Geoscience Characterization Study*, EG&G Rocky Flats, Golden, Colorado, February.

Environmental Procedures Catalog, LMS/POL/S04325, continually updated. prepared by The S.M. Stoller Corporation, a wholly owned subsidiary of Huntington Ingalls Industries, for U.S. Department of Energy Office of Legacy Management, Grand Junction, Colorado.

EPA (U.S. Environmental Protection Agency), 2000. *Engineered Approaches to In Situ Bioremediation of Chlorinated Solvents: Fundamentals and Field Applications*, Office of Solid Waste and Emergency Response, EPA 542-R-00-008, July.

EPA (U.S. Environmental Protection Agency), 2001. *USEPA Contract Laboratory Program National Functional Guidelines for Low Concentration Organic Data Review*, EPA540-R-00-006, June.

EPA (U.S. Environmental Protection Agency), 2008. *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review*, USEPA-540-R-08-01, June.

EPA (U.S. Environmental Protection Agency), 2010. *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review*, USEPA-540-R-10-011, January.

Friedlander, G., J.W. Kennedy, E.S. Macias, and J.M. Miller, 1981. *Nuclear and Radiochemistry*, 3rd Edition, John Wiley and Sons.

Interstate Technology and Regulatory Cooperation (ITRC) Workgroup: In Situ Bioremediation Subgroup, 1998. *Technical and Regulatory Requirements for Enhanced In Situ Bioremediation of Chlorinated Solvents in Groundwater*, December 23.

Janecky, D.R., 2005, *Quantitative Evaluation of Mixture Components in RFETS Uranium Isotopic Analyses*, Los Alamos National Laboratory report LA-UR-05-7223. September 8.

K-H (Kaiser-Hill Company, LLC), 2000a. *Quarterly Report for the Rocky Flats Groundwater Plume Treatment Systems: January through March 2000*, March 30.

K-H (Kaiser-Hill Company, LLC), 2000b. *Quarterly Report for the Rocky Flats Groundwater Plume Treatment Systems: April through June 2000*, June 30.

K-H (Kaiser-Hill Company, LLC), 2000c. *Quarterly Report for the Rocky Flats Groundwater Plume Treatment Systems: July through September 2000*, September 30.

K-H (Kaiser-Hill Company, LLC), 2000d. *Quarterly Report for the Rocky Flats Groundwater Plume Treatment Systems: October through December 2000*, December 31.

K-H (Kaiser-Hill Company, LLC), 2001. *Final PU&D Yard Plume Enhanced Natural Attenuation Treatability Study Report*, September.

K-H (Kaiser-Hill Company, LLC), 2002a. *Site-Wide Water Balance model Report of the Rocky Flats Environmental Technology Site*, May.

K-H (Kaiser-Hill Company, LLC), 2002b. *Annual Report for the Rocky Flats Environmental Technology Site Groundwater Plume Treatment Systems: January through December 2001*, March.

K-H (Kaiser-Hill Company, LLC), 2003. *Annual Report for the Rocky Flats Environmental Technology Site Groundwater Plume Treatment Systems: January through December 2002*, May 2.

K-H (Kaiser-Hill Company, LLC), 2004a. *Statistical Methods for Trending Groundwater Quality Data*, 04-RF-01164, November.

K-H (Kaiser-Hill Company, LLC), 2004b. *Final 2002 Annual Rocky Flats Cleanup Agreement (RFCA) Groundwater Monitoring Report for the Rocky Flats Environmental Technology Site*, RFETS-2002-RFCA-GWMMR, February.

K-H (Kaiser-Hill Company, LLC), 2004c. *Evaluation of Natural Attenuation and Biodegradation Potential of Chlorinated Aliphatic Hydrocarbon Compounds in Groundwater at Rocky Flats*, March.

K-H (Kaiser-Hill Company, LLC), 2005a. *Annual Report for the Rocky Flats Environmental Technology Site Groundwater Plume Treatment Systems: January through December 2003*, January 31.

K-H (Kaiser-Hill Company, LLC), 2005b. *Annual Report for the Rocky Flats Environmental Technology Site Groundwater Treatment Systems: January 2004 through December 2004*, August.

K-H (Kaiser-Hill Company, LLC), 2005c. *Closeout Report for IHSS Group 900-2 (IHSS 900-153 – Oil Burn Pit No. 2, and IHSS 900-154 – Pallet Burn Site)*, Golden, Colorado, June.

K-H (Kaiser-Hill Company, LLC), 2005d. *Interim Measure/Interim Remedial Action for Groundwater at the Rocky Flats Environmental Technology Site*, Final, June 21.

Leeson, A., E. Becvar, B. Henry, J. Fortenberry, and C. Coyle, 2004. *Principles and Practices of Enhanced Anaerobic Bioremediation of Chlorinated Solvents: Technical Report TR-2250-ENV*. Naval Facilities Engineering Command, September.

Montana Water Center, 2005. Operator Basics Training Series: Wastewater Lagoon Systems. Also available via Rural Community Assistance Corporation (rcac.org). May 3.

Rantz, S.E., 1982a. *Measurement and Computation of Streamflow: Volume 1. Measurement of Stage and Discharge*, U.S. Geological Survey Water-Supply Paper 2175, U.S. Department of the Interior, U.S. Government Printing Office, Washington, D.C.

Rantz, S.E., 1982b. *Measurement and Computation of Streamflow: Volume 2. Computation of Discharge*, U.S. Geological Survey Water-Supply Paper 2175, U.S. Department of the Interior, U.S. Government Printing Office, Washington, D.C.

RMRS (Rocky Mountain Remediation Services), 1998. *Procedure for Evaluation of Data for Usability*.

RMRS (Rocky Mountain Remediation Services), 2000a. *Final 1999 Annual RFCA Groundwater Monitoring Report for the Rocky Flats Environmental Technology Site*, 00-RF-03112, November.

RMRS (Rocky Mountain Remediation Services), 2000b. *Quality Assurance Program Plan for the Automated Surface-Water Monitoring Program*, RF/RMRS-2000-013, Revision 0, March.

RMRS (Rocky Mountain Remediation Services), 2001. *Quality Assurance Program Plan for the Groundwater Monitoring Program Rocky Flats Environmental Technology Site*.

Safe Sites, 2001. *Final 2000 Annual RFCA Groundwater Monitoring Report for the Rocky Flats Environmental Technology Site*, November.

Safe Sites, 2002. *Final 2001 Annual RFCA Groundwater Monitoring Report for the Rocky Flats Environmental Technology Site*, 02-RF-01873, November.

Sanitas Technologies, 2013. *Sanitas for Ground Water*, Version 9.3.22, Shawnee, Kansas.

USACE (U.S. Army Corps of Engineers), 2010. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Great Plains Region (Version 2.0)*, ERDC/EL TR-10-1, Environmental Laboratory, Engineer Research and Development Center, Vicksburg, Mississippi, March.

USGS (U.S. Geological Survey), 2006. *Description, Properties, and Degradation of Selected Volatile Organic Compounds Detected in Ground Water—A Review of Selected Literature*, Open-File Report 2006-1338; Reston, Virginia.