

Administrative Record  
for the U.S. Department of Energy  
Monticello Mill Tailings Site (MMTS), Operable Unit III (OU III),  
Monticello Ground Water Remedial Action Project (MSGRAP)  
Monticello, Utah

Subject Index

Note: This Administrative Record contains documents specifically relevant to Operable Unit III leading up to the Record of Decision in October 2004. Later Operable Unit III documents and Operable Units I and II post-Record of Decision documents are located in the **Information Repository**. Complete copies of the records are located at the U.S. Department of Energy Office of Legacy Management, 2597 B 3/4 Road, Grand Junction, CO 81503, and at the Monticello Field Office, 1665 S. Main Street, Monticello, Utah. 84535. This index contains title, date, and author references only, which correspond to full citations in the Alphabetical index.

Numbers in **bold type** identify the file folder number assigned to document within the Administrative Record. Unless otherwise noted all documents listed are located in this file.

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## I. Site Identification and Project-Wide Documents

### A. CERCLA Guidance and MMTS Documents

#### *Guidance Documents:*

- *EPA Requirements for Quality Assurance Project Plans for Environmental Data Operations.* Draft Interim Final, U.S. Environmental Protection Agency, 1994a – **554**
- *Data Quality Objectives Process for Superfund, Interim Final Guidance.* U.S. Environmental Protection Agency, 1993 – **551**
- *Final Environmental Impact Statement for Remedial Action Standards for Inactive Uranium Processing Sites (40 CFR 192).* U.S. Environmental Protection Agency, 1982 – **501\***

#### *MMTS Documents:*

- *CERCLA Covenant Deferral for Transfer of Federal Property in Monticello, Utah.* U.S. Department of Energy, 2000a – **Information Repository** File No. **IR 537**
- *Monticello Remedial Action Project Radiological Sampling and Verification Procedures for OU I.* U.S. Department of Energy, 1998i – **Information Repository** File No. **IR 397**
- *Monticello Surface- and Ground-Water Remedial Action Project.* Fact Sheet, U.S. Department of Energy, 1996d – **570**
- *Monticello Wetlands Master Plan.* (Includes Addendum dated January 10, 2000.) U.S. Department of Energy, 1996e – **Information Repository** File No. **IR 286**
- *MMTS Operable Unit I Alternatives Analysis Data Summary Report.* Rust Geotech, Inc., 1994b – **Information Repository** file number **IR 668**
- *Revised Final Report Monticello Remedial Action Project 1991 Millsite Characterization Study, Volumes 1 and 2.* Dames and Moore, 1992 – **Information Repository** File No. **IR 669**
- *Monticello Millsite Surface and Ground Water Analytical Data Collected Between January 1, 1984 and April 10, 1992.* Chem-Nuclear Geotech Inc., 1992c – **505** (Note: transmittal letter is in **569a**)
- Correspondence: December 1, 1992 letter from DOE to EPA and UDEQ-ERR. Subject: Transmittal of the Monticello Millsite Surface and Ground Water Analytical Data Summary – in **569a**
- Correspondence: September 16, 1992 letter from DOE to EPA and UDEQ. Subject: Transmittal of the Final Surface- and Ground-Water Remedial Investigation/Feasibility Study Documents. – in **569a**
- *Final Remedial Investigation/Feasibility Study--Environmental Assessment for the Monticello, Utah, Uranium Mill Tailings Site,* 2 volumes. UNC Geotech, Inc., 1990b. – **519\***
- *MMTS Declaration for the Record of Decision and Record of Decision Summary.* U.S. Department of Energy, 1990b – **530\***
- *Monticello Remedial Action Project Proposed Plan for the Remedial Action at the Monticello Millsite, Monticello, Utah.* UNC Geotech, Inc., 1989c – **527\***
- *Federal Facility Agreement Pursuant to CERCLA Section 120, Amendment Number 1, between the U.S. Environmental Protection Agency (Region VIII), the State of Utah Department of Health, and the U.S. Department of Energy.* U.S. Department of Energy, 1988b – **533\***
- *Data Collection for Engineering for the Uranium Mill Tailings Site and Adjacent Peripheral Properties, Monticello, Utah.* U.S. Department of Energy, 1986 – **503\***
- *Radiologic Characterization of the Peripheral Properties Adjacent to the Monticello, Utah, Millsite.* Marutzky et. al., 1985 – **512\***
- *Monticello Remedial Action Project Site Analysis Report.* Abramiuk et. al., 1984 – **502\***
- *An Aerial Radiological Survey of the Area Surrounding the Monticello Mill Site, Monticello, Utah.* EG&G Inc., 1981 – **504**

## B. Environmental Monitoring Reports

- *Monticello Mill Tailings Site, Environmental Report for Calendar Year 2000*. U.S. Department of Energy, 2001b – **648**
- *Monticello Mill Tailings Site, Environmental Report for Calendar Year 1999*. U.S. Department of Energy, 2000b – **647**
- *MMTS Environmental Report for Calendar Year 1998*. U.S. Department of Energy, 1999a – **646**
- *MMTS Environmental Report for Calendar Year 1997*. U.S. Department of Energy, 1998b – **645**
- *MMTS, Environmental Summary for Calendar Year 1996*. MACTEC-ERS, 1997 – **590**
- *MMTS, Environmental Summary for Calendar Year 1995*. U.S. Department of Energy, 1996a – **536**
- *MMTS Environmental Report for Calendar Year 1994*. U.S. Department of Energy, 1995b – **526**
- *MMTS Environmental Report for Calendar Year 1993*. RUST Geotech Inc. 1994a – **525**
- *MMTS Environmental Report for Calendar Year 1992*. RUST Geotech Inc. 1993 – **524**
- *Monticello Millsite Environmental Report for Calendar Year 1991*. U.S. Department of Energy, 1992a – **523**
- *Monticello Millsite Environmental Report for Calendar Year 1990*. Chem-Nuclear Geotech Inc., 1991 – **522**
- *Environmental Monitoring Report on the U.S. Department of Energy's Inactive Millsite Facility, Monticello, Utah, for Calendar Year 1989*. UNC Geotech, 1990a – **521**
- *Environmental Monitoring Report on the U.S. Department of Energy's Inactive Millsite Facility, Monticello, Utah, for Calendar Year 1988*. UNC Geotech, 1989b – **515\***
- *Environmental Monitoring Report on the U.S. Department of Energy's Inactive Mill Tailings Site Facility, Monticello, Utah, for Calendar Year 1987*. U.S. Department of Energy, 1988a – **514\***
- *Environmental Monitoring Report on U.S. Department of Energy Facilities at Grand Junction, Colorado, and Monticello, Utah, for Calendar Year 1986*. Sewell and Spencer, 1987 – **513\***
- *Environmental Monitoring Report on U.S. Department of Energy Facilities at Grand Junction, Colorado, and Monticello, Utah, for Calendar Year 1985*. Korte and Wagner, 1986 – **511\***
- *Environmental Monitoring Report on U.S. Department of Energy Facilities at Grand Junction, Colorado, and Monticello, Utah, for Calendar year 1984*. Korte and Wagner, 1985 – **510\***
- *1983 Environmental Monitoring Report--U.S. Department of Energy Facilities, Grand Junction, Colorado and Monticello, Utah*. Korte and Thul, 1984 – **509\***
- *1982 Environmental Monitoring Report--U.S. Department of Energy Facilities, Grand Junction, Colorado, and Monticello, Utah*. Korte and Thul, 1983. – **508**
- *1981 Environmental Monitoring Report--U.S. Department of Energy Facilities, Grand Junction, Colorado, and Monticello, Utah*. Korte and Thul, 1982 – **507**
- *1980 Environmental Monitoring Report--U.S. Department of Energy Facilities, Grand Junction, Colorado, and Monticello, Utah*. Korte and Thul, 1981. – **506**
- *1979 Environmental Monitoring Report -- U.S. Department of Energy Facilities, Grand Junction, Colorado, and Monticello, Utah*. Bendix Field Engineering Corporation, 1980 – **520**

## C. Project Management Plans

See also: Section II B: RI/FS Plans for plans specific to the Remedial Investigation / Feasibility Study, and Section III A: Interim Remedial Action Plans for plans specific to the Interim Remedial Action.

### 1. Quality Assurance Plans

*Monticello Remedial Action Project (MRAP) Quality Assurance Program Plan*. U.S. Department of Energy, 1990c – **532**

### 2. Health and Safety Plans

- *Monticello Projects Health and Safety Plan*. U.S. Department of Energy, 1995g – **537**
- *MMTS Health and Safety Plan. Monticello Remedial Action Project (OUI) and Monticello Surface and Ground Water Remedial Action Project (OU III)*. Chem-Nuclear Geotech, 1993b – **535**
- *Monticello Remedial Action Project, Programmatic Health and Safety Plan, Rev. 2*. U.S. Department of Energy, 1991b – **534**

### 3. Monitoring Plans and Work Plans

- *MMTS OU III Interim Remedial Design/Remedial Action (RD/RA) Work Plan for Operable Unit III – Surface Water and Ground Water, Draft Final*. U.S. Department of Energy, 1999f – **680**

- Correspondence: October 8, 1997 letter **w/attachment** from DOE to EPA and UDEQ-ERR (contains comment responses / resolutions). Subject: Transmittal of Monticello Mill Tailings Site Operable Unit III *Annual Monitoring Program* – in **569a**
- Correspondence: June 11, 1997 letter from EPA to DOE. Subject: Monticello Mill Tailings Site Operable Unit III Annual Monitoring Program. – in **569e**
- *MMTS OU III Annual Monitoring Program*, U.S. Department of Energy, 1997b – **650** (transmittal letter dated October 8, 1997 containing comment responses / resolutions is in **569a**)
- *Grand Junction Projects Office Facility, Grand Junction Projects Office Remedial Action Project, Monticello Mill Tailings Site, Environmental Monitoring Plan*, Revision 2. U.S. Department of Energy, 1995a – **561**
- *Grand Junction Projects Office Facility, Grand Junction Projects Office Remedial Action Project, and the Monticello Mill Tailings Site Environmental Monitoring Plan. (Includes 1993–1994 Annual Reviews)*. Chem-Nuclear Geotech, 1993a – **560**

#### 4. Community Relations Plans – See Section VI E (Public Participation) of this Index

#### 5. Records Management Plans

- *Monticello Program Records Management Plan*. U.S. Department of Energy, 1996c – **562**
- *Monticello Program Records Management Program Plan*. RUST Geotech Inc., 1994e – **573**
- *MMTS OU III Monticello Surface- and Ground-Water Remedial Action Project Records Management Plan*. Chem-Nuclear Geotech, 1993c – **518**

#### 6. Program Directives

Program Directives are filed chronologically in File No. **576**. Refer to alphabetical index for full listing of Program Directives dates and contents.

## II. OU III Remedial Investigation and Feasibility Study (RI/FS)

See also Section I: Site-Wide Documents

### A. RI/FS Guidance

- *Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments*, Interim Final. U.S. Environmental Protection Agency, 1997 – **575**
- *Evaluating and Identifying Contaminants of Concern for Human Health*, EPA Region 8 Superfund Technical Guidance No. RA-03. U.S. Environmental Protection Agency, 1994b – **552**
- *Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA*, Office of Emergency and Remedial Response. U.S. Environmental Protection Agency, 1988 – **545**

### B. RI/FS Plans

- *MMTS OU III, Sampling and Analysis Plan for Additional Characterization of Middle and Lower Montezuma Creek, Draft Final*. U.S. Department of Energy, 1996b – **676**
- *MMTS OU III Remedial Investigation/Feasibility Study Work Plan, Draft Final*, Volumes I and II. U.S. Department of Energy, 1995d – **531**
- *MMTS OU III Remedial Investigation/Feasibility Study Field Sampling Plan and Quality Assurance Project Plan, Draft Final*. U.S. Department of Energy, 1995c – **529**
- *Technical Approach for the Operable Unit III Risk Assessments and Groundwater Modeling*. U.S. Department of Energy, 1994b – **544**
- *MMTS OU III Surface- and Ground-Water Remedial Investigation/Feasibility Study Documents. Field Sampling Plan, Quality Assurance Project Plan, and Work Plan*. Chem-Nuclear Geotech, 1992a – **519a** (transmittal letter in **569a**)
- *MMTS OU III Surface- and Ground- Water Remedial Investigation/Feasibility Study Health and Safety Plan*. Chem-Nuclear Geotech, 1992b – **563**
- *OU III RI/FS Plans Comment Response Sheets*. U.S. Department of Energy, 1992b – **519b**

- Correspondence: October 8, 1992 letter from Chem-Nuclear Geotech, Inc., to DOE. Subject: Transmittal of Appendix A Revision - Monticello Mill Tailings Site Operable Unit III Surface and Groundwater Remedial Investigation/Feasibility Study Work Plan. – in **569g**

## C. RI Supporting Documents

### 1. OU III Project-Wide Supporting Documents

- *MMTS OU III Data Summary Report October 1996 – April 1998*. U.S. Department of Energy, 1998e – **610**
- Correspondence: January 7, 1997 letter from DOE to EPA and UDEQ-ERR. Subject: Draft Minutes from the Monticello Operable Unit III Meetings – in **569a**
- *MMTS OU III Baseline Characterization Data Summary*. RUST Geotech Inc., 1994c – **559**

### 2. Soils and Sediment

- *MMTS OU III Alternative Analysis of Soil and Sediment*. U.S. Department of Energy, 1998d – **603**
- *Summary of Guidelines for Contaminated Freshwater Sediments*, Publication No. 95-308. Batts and Cubbage, 1995 – **556**
- *MMTS OU III Focused Work Plan for Confirmatory Soil Sampling*. RUST Geotech Inc., 1994d – **528**
- *Stream Sediment Survey of South Creek and Montezuma Canyon*. Internal memorandum. Bendix Field Engineering Corporation, 1982 – **517**

### 3. Surface Water and Groundwater

- Correspondence: April 1, 1996 letter **w/ attachment** from DOE to EPA and UDEQ-ERR. Subject: Suspending Air Monitoring Activities and Decreasing Scope of OU III Annual Water Quality Monitoring. – in **569a**
- *Administrative Rules for Ground Water Quality Protection*, Utah Admin. Code Rule R317-6. State of Utah, 1994 – **572**
- Correspondence: April 2, 1993 internal RUST Geotech memorandum **w/attachment**. Subject: Re-analysis of 1988 Pumping-Test Data – in **569h**
- Correspondence: March 12, 1993 internal RUST Geotech memorandum. Subject: Summary of Hydraulic-Testing Results Obtained During Previous Investigations Conducted at the Monticello Millsite – in **569h**
- Correspondence: November 24, 1989 letter from Southeastern Utah District Health Department DOE. Subject: Comment on the proposed plan for management of the contaminated groundwater below and down gradient of the site, and of the contaminated surface drainage area of Montezuma Creek, which passes through the site. – in **569d**

### 4. Ecology / Ecological Risk Assessment

- *Progress Report on Biological Monitoring Program for the Monticello, Utah, Mill Site: August 1996 Sampling Period*. Smith et. al., 1997 – **597**
- *Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants*, 1997. Efrogmson et. al., 1997 – **558**
- *Utah Sensitive Species List*. Utah Division of Wildlife Resources, 1997. – **574**
- Correspondence: July 17, 1997 letter **w/attachment** from DOE to USFWS. Subject: Southwestern Willow Flycatcher Survey Results, Monticello Mill Tailings Site, Operable Unit III – in **569b**
- Correspondence: February 27, 1997, meeting/telephone conference record between State of Utah and MACTEC-ERS. Subject: Mexican Spotted Owl Locations and Southwestern Willow Flycatcher Habitat – in **569c**
- Correspondence: February 27, 1997 meeting/telephone conference record between Bureau of Land Management and MACTEC-ERS. Subject: Mexican Spotted Owl Surveys by BLM. – in **569c**
- Correspondence: February 24, 1997, meeting/telephone conference record between Natural Resources Conservation Service and MACTEC-ERS. Subject: Prime, Unique, and Important Farmland – in **569c**
- Correspondence: February 18, 1997, meeting/telephone conference record between State of Utah and MACTEC-ERS. Subject: Threatened and Endangered Species Update with Ben Morris – in **569c**
- Correspondence: February 13, 1997 letter **w/attachment** from DOE to USFWS. Subject: Meeting Minutes from January 9, 1997, Meeting on Monticello Mill Tailings Site Operable Unit III – in **569b**
- Correspondence: February 11, 1997, meeting/telephone conference record between EPA and MACTEC-ERS. Subject: Molybdenum TRVs and UCF for Spotted Bat – in **569c**
- Correspondence: February 10, 1997, meeting/telephone conference record between Bureau of Land Management and MACTEC-ERS. Subject: Threatened and Endangered Species Information from BLM. – in **569c**

- Correspondence: February 10, 1997, meeting/telephone conference record between U.S. Forest Service and MACTEC-ERS. Subject: Mexican Spotted Owl Surveys – in **569c**
- Correspondence: February 10, 1997, meeting/telephone conference record between State of Utah and MACTEC-ERS. Subject: State Sensitive Species (Spotted Bat) – in **569c**
- Correspondence: January 23, 1997 meeting/telephone conference record, between USFWS and MACTEC-ERS. Subject: OU III Threatened or Endangered (T&E) Species – in **569c**
- Correspondence: August 6, 1996 letter from DOE to USFWS. Subject: Southwestern Willow Flycatcher surveys performed under Sub-permit 96-07. – in **569b**
- *An Ecological Investigation of a Vanadium and Uranium Mill Tailings Site*, May 1996. Smith et. al., 1996 – **596**
- *Toxicological Benchmarks for Wildlife: 1994 Revision*. Opresko et. al., 1994 – **557**
- *Framework for Ecological Risk Assessment*. U.S. Environmental Protection Agency, 1992a – in **550**
- “A Toxicological Examination of Whitefish (*Coregonus clupeaformis*) and Northern Pike (*Esox lucius*) Exposed to Uranium Mine Tailings.” *Archives of Environmental Contaminant Toxicology* 19:578-582. Waite et. al., 1990 – **555**
- Correspondence: July 31, 1989 letter from DOE to U.S. Army Corps of Engineers. Subject: Monticello Remedial Action Project, wetlands determination for Montezuma Creek and adjacent area, San Juan County, near Monticello, Utah. – in **569i**
- An Environmental Hazard Evaluation of Uranium in a Rocky Mountain Stream. *Environmental Toxicology and Chemistry* 3:113-124. Parkhurst et. al., 1984 – **553**

## 5. Public Health / Human Health Risk Assessment

- Correspondence: July 19, 2000 internal EPA memorandum. Subject: Review of Baseline Ecological Risk Assessment for OU III Soil and Sediment Area – in **569i**
- *Utah Drinking Water Rules*, Utah Admin. Code Rule 309. State of Utah, 1997 – **571**
- Correspondence: November 13, 1997 internal EPA memorandum. Subject: Results and Interpretation of Exposures to Radionuclides and Other Metals in Tissues of Deer and Beef from Montezuma Creek, UT; Monticello OU3 Site. – in **569i**
- Correspondence: May 13, 1996 letter **w/attachment** from DOE to EPA and UDEQ-ERR. Subject: Operable Unit III Human Health Risk Assessment - Exposure Scenarios for Upper-Middle, Middle, and Lower Montezuma Creek. – in **569a**
- *Guidance for Data Useability[sic] in Risk Assessment (Part A), Final*. U.S. Environmental Protection Agency, 1992b – **549**
- *Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals), Interim*, Publication 9285.7-01B. U.S. Environmental Protection Agency, 1991 – **547b**
- *Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual, (Part A) Interim Final*. U.S. Environmental Protection Agency, 1989b – **547a**
- “Health Implications of Radionuclide Levels in Cattle Raised Near U Mining and Milling Facilities in Ambrosia Lake, New Mexico,” *Health Physics*, 56(3):327-340. Lapham et. al., 1989 – **640**

## 6. ARARs (Potentially Applicable or Relevant and Appropriate Requirements)

- *MMTS OU III Remedial Investigation/Feasibility Study Work Plan, Draft Final*, Volumes I and II. (Appendix A includes the *Preliminary Evaluation of Potentially Applicable or Relevant and Appropriate Requirements*.) U.S. Department of Energy, 1995d – **531**
- *MMTS OU III Surface- and Ground-Water Remedial Investigation/Feasibility Study Documents*. Appendix A of the **Work Plan** contains the *Preliminary Evaluation of Potentially Applicable or Relevant and Appropriate Requirements; Monticello Mill Tailings Site Operable Unit III, Monticello, Utah*. Chem-Nuclear Geotech, 1992a – **519a**
- Correspondence: July 21, 1989 letter from DOE to EPA and State of Utah. Subject: The DOE position on the Resource Conservation and Recovery Act (RCRA) relevance and appropriateness to Monticello Remedial Action Project (MRAP) and the Monticello Vicinity Properties (MVP) mill tailings. – in **569a**

## 7. Other RI Supporting Documents

*Monticello Field Lysimetry: Design and Monitoring of an Alternative Cover*. Waste Management 2002 Conference, February 24–28, 2002, Tucson, Arizona. Waugh, 2002 – **Information Repository** File No. **IR 671**

## D. Proposed Plan

*Proposed Plan for the Monticello Mill Tailings Site, Operable Unit III Surface and Ground Water, Monticello Utah*. U.S. Department of Energy, 2003d – **670**

## E. RI and FS Reports

- *OU III Remedial Investigation, 7 volumes*, (includes response to EPA and UDEQ comments). U.S. Department of Energy, 1998j. – **609**
- *MMTS OU III Surface- and Ground-Water Feasibility Study, Draft-Final*. U.S. Department of Energy, 1998g – **595**

## III. Interim Remedial Action

### A. Interim Remedial Action Plans

- MMTS OUIII, *Interim Remedial Action Surface Water and Ground Water Monitoring Plan, Revision 4*. U.S. Department of Energy, 2001c. – **636**
- *MMTS OUIII Interim Remedial Action Work Plan for Operable Unit III – Surface Water and Ground Water*. U.S. Department of Energy, 2000d. – **632**

### B. Groundwater Monitoring and Management

- Correspondence: March 29, 2001 letter **w/attachment** from MACTEC-ERS to DOE. Subject: Monticello Operable Unit III Nitrate and Selenium White Paper – in **569g**
- Correspondence: February 13, 2001 letter from DOE to EPA and UDEQ-ERR. Subject: Addition of Appendix C to the *MMTS OUIII Interim Remedial Action Surface Water and Ground Water Monitoring Plan, Revision 4*. – in **569a**
- *Ground-Water Management Policy for the Monticello Mill Tailings Site and Adjacent Areas*. State of Utah, 1999 – **679**
- *MMTS OU III Interim Remedial Action Surface Water and Ground Water Monitoring Plan, Revision 3*. U.S. Department of Energy, 1999d – **622**
- *MMTS OU III Interim Remedial Action Surface Water and Ground Water Monitoring Plan, Revision 2*. U.S. Department of Energy, 1999c – **617**
- *MMTS OU III Interim Remedial Action Work Plan for Operable Unit III – Surface Water and Ground Water, Draft-Final*. U.S. Department of Energy, 1999e – **619**
- Correspondence: September 29, 1998 letter from DOE to EPA and UDEQ. Subject: Containment of Purge Water from Bed-rock Monitoring Wells in Regard to the Monticello Mill Tailings Site OU III Annual Monitoring Program – in **569a**
- Correspondence: August 5, 1998 letter from DOE State of Utah. Subject: Submittal of Additional Data for Application of Institutional Controls, Monticello, Utah. – in **569d**
- Correspondence: July 9, 1998 letter from DOE to State of Utah. Subject: Request for Application of Institutional Controls, Monticello, Utah – in **569d**

### C. Treatability Study (Permeable Reactive Barrier [PRB] and Permeable Reactive Treatment [PeRT] Wall)

- *Final Report, Phase II: Performance Evaluation of Permeable Reactive Barriers and Potential for Rejuvenation by Chemical Flushing*. Environmental Sciences Laboratory, 2004 – **677**
- “Experimental filter may be used on uranium water.” *The Salt Lake Tribune*, Tuesday, December 9, 2003. Fahys, 2003 – **675**
- “Performance evaluation of a permeable reactive barrier using reaction products as tracers,” *Environmental Science and Technology*, 37 (10):2302–2309. Morrison, 2003 – **662**
- *Monticello Mill Tailings Site, Operable Unit III, Evaluation of the Permeable Reactive Treatment Wall Treatability Study, Draft Final*. U.S. Department of Energy, 2002. – **644**
- *Chemical Mechanism of Uranium Uptake by Zero-Valent Iron: Results of a Column Experiment, Permeable Reactive Barrier Project, Monticello, Utah*. Environmental Sciences Laboratory, 2000a – **656**
- *Permeable Reactive Treatment (PeRT) Wall Ground Water Investigation Work Plan*. U.S. Dept. of Energy, 2000f. – **627**
- *Monticello Operable Unit III and Permeable Reactive Treatment (PeRT) Wall Projects, Drilling Statement of Work – Monticello, Utah*. U.S. Department of Energy, 2000e. – **633**
- *Summary Design Report for the PeRT Wall at Monticello Utah*, Draft. U.S. Department of Energy, 1999j. – **612**
- *Permeable Reactive Treatment (PeRT) Wall for Radionuclides and Metals, Performance Summary Report for the PeRT Wall at Monticello, Utah*. U.S. Department of Energy, 1999h. – **655**
- *Monticello PeRT Project Field Characterization Summary*. U.S. Department of Energy, 1999g. – **654**
- *Permeable Reactive Treatment (PeRT) Wall: Results of Laboratory Treatability Testing for the Monticello PeRT Wall*. U.S.

Department of Energy, 1998n. – **651**

- *Permeable Reactive Treatment (PeRT) Wall Design Specifications for the Monticello Millsite PeRT Wall Groundwater Demonstration Project*. U.S. Department of Energy, 1998l. – **653**
- *Permeable Reactive Treatment (PeRT) Wall, Characterization Report*. U.S. Department of Energy, 1998k. – **604**
- *Permeable Reactive Treatment (PeRT) Wall: Results of Field Treatability Studies for the Monticello PeRT Wall*. U.S. Department of Energy, 1998m. – **652**
- Correspondence: November 5, 1998 letter from DOE to EPA and UDEQ-ERR. Subject: Monticello Permeable Reactive Treatment (PeRT) Wall 60% Design, Site Characterization Report, and Response to 30% Design Comments. – in **569a**
- Correspondence: September 4, 1998 internal DOE memorandum **w/attachment**. Subject: Revised Construction Schedule for the ASTD Grand Junction Office Permeable Reactive Treatment Wall Project – in **569f**
- Correspondence: May 11, 1998 letter **w/attachment** from DOE to EPA and UDEQ-ERR. Subject: Permeable Reactive Treatment Wall at Monticello (includes 6 enclosures) – in **569a**

## D. Annual Status and Progress Reports

- *Interim Remedial Action Progress Report, July 2000–July 2001*. U.S. Department of Energy, 2001a – **642**
- *MMTS Operable Unit III, Interim Remedial Action Progress Report*. U.S. Department of Energy, 2000c – **630**
- *MMTS OU III Interim Remedial Action Annual Status Report*. U.S. Department of Energy, 1999b – **620**
- *Surface Water and Ground Water Data Summary Report October 1998 – July 1999*. U.S. Department of Energy, 1999k. – **618**

## E. Proposed Plan

*MMTS Monticello Utah, Superfund Program Interim Remedial Action Proposed Plan for Surface and Ground Water Remedial Action Project*. U.S. Department of Energy, 1998c. – **600**

## F. Removal Action Designs (Soils and Sediments)

- *MMTS OU III Lower Montezuma Creek DOE ID Nos. MG-01028-VL, MG-01029-VL, and MG-01030-VL, Removal Action Designs*. U.S. Department of Energy, 1998f. – **602**
- *MMTS OU III Upper Montezuma Creek DOE ID Nos. MG-00951-VL, MG-00990-CS, MG-01026-VL, MG-01033-VL, and MG-01084-VL Removal Action Designs*. U.S. Department of Energy, 1998h. – **601**
- Correspondence: June 19, 1998 letter **w/attachment** from MACTEC-ERS to DOE. Subject: Contract No. DE-AC13-96GJ87335 – Request for a Non-Time Critical Removal Action (Action Memorandum) for Operable Unit III in Monticello, Utah – in **569g**

# IV. Remedial Investigation Addendum / Focused Feasibility Study (RI A/FFS)

## A. Supporting Documents

(See also Section III – Interim Remedial Action; **This section also contains supporting documents for Explanation of Significant Difference**)

- *Monticello Mill Tailings Site – Operable Unit III Analysis of Uranium Trends in Ground Water*. U.S. Department of Energy, 2007 – **Information Repository** File No. **IR 752**
- *Data Package for Saturated Zone Column Test Location T01–02, Monticello Mill Tailings Site, Operable Unit III*. Environmental Sciences Laboratory, 2002 – **661**
- Correspondence: April 12, 2002 letter **w/attachment** from DOE to EPA and UDEQ-ERR. Subject: Transmittal of a Position Paper on Selenium as a “Contaminant of Concern” for Operable Unit III. – in **569a**
- *Column Leaching of Saturated Zone Sediments, Monticello Mill Tailings Site, Operable Unit III, Monticello, Utah*. Environmental Sciences Laboratory, 2001a – **660**
- *Determination of Distribution Ratios, Monticello Mill Tailings Site, Operable Unit III, Monticello, Utah*. Environmental Sciences Laboratory, 2001b – **659**
- *Column Leaching of Unsaturated Zone Sediments, Monticello Mill Tailings Site, Operable Unit III, Monticello, Utah*. Environmental Sciences Laboratory, 2000b – **658**

## B. RI A/FFS Report

- *Monticello Mill Tailings Site Operable Unit III Final Remedial Investigation Addendum/Focused Feasibility Study*. U.S. Department of Energy, 2004a – **668a**
- *Monticello Mill Tailings Site Operable Unit III Draft Final Remedial Investigation Addendum/Focused Feasibility Study Appendices*. U.S. Department of Energy, 2003b – **668b**
- *Monticello Mill Tailings Site, Operable Unit III Surface and Ground Water Remedial Investigation Addendum / Focused Feasibility Study*. Fact Sheet. U.S. Department of Energy, 2003c – **669**

## V. OU III Record of Decision (ROD) and Related Documents

### A. Guidance / Comments

- Correspondence: September 30, 1998 letter from EPA to DOE. Subject: Record of Decision for Operable Unit III - Surface Water and Ground Water – in **569e**
- Correspondence: March 5, 1990 letter from State of Utah to DOE. Subject: Proposed ROD wording for OU III. – in **569d**
- *Interim Final– Guidance on Preparing Superfund Decision Documents: The Proposed Plan, The Record of Decision, Explanation of Significant Differences, The Record of Decision Amendment*. U.S. Env'tl Protection Agency, 1989a. – **546**

### B. Records of Decision

- *Record of Decision for the Monticello Mill Tailings (USDOE) Site, Operable Unit III, Surface Water and Ground Water, Monticello, Utah*. U.S. Department of Energy, 2004b. – **678**
- *Record of Decision for an Interim Remedial Action at the Monticello Mill Tailings Site, Operable Unit III - Surface Water and Ground Water, Monticello, Utah*. U.S. Department of Energy, 1998o. – **611**

### C. Explanations of Significant Difference

*Explanation of Significant Difference for the Monticello Mill Tailings (USDOE) Site Operable Unit III, Surface Water and Ground Water, Monticello, Utah*. U.S. Department of Energy, 2008. – **681**

## VI. Public Participation

*Public Involvement in the Superfund Program*. U.S. Environmental Protection Agency, 1987. – **565**

### A. Public Comments

“Public Comment Period Begins on DOE Proposed Cleanup Plan for Operable Unit III Surface and Ground Water of the Monticello Mill Tailings Site.” Page 5. San Juan Record, Wednesday, November 26, 2003. – **674**

### B. Fact Sheets

- *Monticello Mill Tailings Site, Operable Unit III Surface and Ground Water Remedial Investigation Addendum / Focused Feasibility Study*. Fact Sheet. U.S. Department of Energy, 2003c – **669**
- *Record of Decision for an Interim Remedial Action at the Monticello Mill Tailings Site, Operable Unit III, Surface Water and Ground Water*. Fact Sheet. U.S. Department of Energy, 1999i. – **615**
- *Accelerating Cleanup: Paths to Closure, Albuquerque Operations Office*. U.S. Department of Energy, 1998a. – **Information Repository** File Number **IR 406**
- *Accelerating Cleanup: Focus on 2006, Albuquerque Operations Office Summary*. U.S. Department of Energy, 1997a. – **591**
- *Monticello Surface- and Ground-Water Remedial Action Project*. Fact Sheet. U.S. Department of Energy, 1996d – **570**
- “Information being sought on mill by Monticello City.” San Juan Record, Wednesday, 1993. – **566**

## C. Public Meeting Notices and Minutes

- November 24, 2003 Press Release. “DOE to Hold Public Meeting on Proposed Cleanup Plan for Operable Unit III of the Monticello Mill Tailings Site.” U.S. Department of Energy, 2003a. – **673**
- “Public meeting set to address Monticello mill tailings ground water plan”. Page 1. San Juan Record, 2003. – **674**

## D. Newspaper Articles and Press Releases

- *The Salt Lake Tribune*, Tuesday, December 9, 2003. “Experimental filter may be used on uranium water.” Fahys, 2003 – **675**
- November 24, 2003 Press Release. “DOE to Hold Public Meeting on Proposed Cleanup Plan for Operable Unit III of the Monticello Mill Tailings Site.” U.S. Department of Energy, 2003a. – **673**
- Page 1 – “Public meeting set to address Monticello mill tailings ground water plan”, Page 5 – “Public Comment Period Begins on DOE Proposed Cleanup Plan for Operable Unit III Surface and Ground Water of the Monticello Mill Tailings Site.” San Juan Record, 2003. – **674**
- “Information being sought on mill by Monticello City.” San Juan Record, 1993. – **566**
- “Toll-free number set up for Monticello Projects.” Press Release dated July 2, 1993. U.S. Department of Energy, 1993 – **567**

## E. Community Relations Plans

- *Monticello Mill Tailings Superfund Site, Monticello Vicinity Properties Superfund Site, Monticello, Utah, Community Relations Plan Update*. U.S. Department of Energy, 1995e – **542**
- *Monticello Mill Tailings Superfund Site, Monticello Vicinity Properties Superfund Site, Monticello, Utah, Draft Final Community Relations Plan Update*. U.S. Department of Energy, 1995f – **541**
- *Monticello Mill Tailings Superfund Site, Monticello, Utah, Interim Community Relations Plan Update*. U.S. Department of Energy, 1994a. – **540**
- *Monticello Mill Tailings Superfund Site, Monticello, Utah, Community Relations Plan Update*. U.S. Department of Energy, 1991a – **539**
- *Community Relations Plan Update for the Monticello Mill Tailings Site, Monticello, Utah, December 1990 (Draft-Final, 11/14/90)*. U.S. Department of Energy, 1990a – **538a\***
- *Draft Final Community Relations Plan for the Monticello, Utah, Superfund Site: Monticello Remedial Action Project (MRAP) and Monticello Vicinity Properties Project (MVP)*. UNC Geotech Inc., 1989a – **538**