
Index: Administrative Record for Molycorp Mine Natural Resource Damage Assessment

1. Background

Code of Federal Regulations. 2003. United States. 43 CFR, Part 11: Natural Resource Damage Assessments.

Colorado Division of Wildlife. 2006. Arkansas River Research Study. Final Report. and Figures. Period: April, 1994 to December 30, 2005. Submitted to: Bureau of Reclamation – April 2006.

Molycorp. 2000. Wildlife Evaluation for Closeout/Closure of the Molycorp Tailings Facility Questa, New Mexico. Molycorp, Inc. Project No. 6800044388.00. Questa, NM. September.

O'Brien, T.F. 1991. Investigation of trace element contamination from Terrero mine waste. Prepared for the U.S. Department of Agriculture Forest Service, Santa Fe National Forest. July.

Shaw, E.A. and J.S. Richardson. 2001. Direct and indirect effects of sediment pulse duration on stream invertebrate assemblages and rainbow trout (*Oncorhynchus mykiss*) growth and survival. *Canadian Journal of Fisheries and Aquatic Sciences.*/ J. Can. Sci. Halieut. Aquat. 58(11):2213-2221.

URS. 2005. Animal Data Summary: Minesite Area. URS Corporation, Denver, CO. Presented at the technical meeting on February 2-4, 2005.

URS. 2005. Animal Data Summary: Tailings Data. URS Corporation, Denver, CO. Presented at the technical meeting on February 2-4, 2005.

URS. 2005. Mine Site Soils. URS Corporation, Denver, CO. Presented February 2005.

1.1 PAS

Abshire, D. 1998. Report on hydrological connection associated with Molycorp mining activity, Questa, New Mexico. U.S. EPA Region 6, NPDES Permits Branch (6WQ-P). 28 p.

ACZ Laboratories. 1998. Analytical results, ID T7/98(1-2) sampled July 31, 1998.

Allen, B.D., A.R. Groffman, M.C. Molles Jr., R.Y. Anderson, L.J. Crossey. 1999. Geochemistry of the Red River stream system before and after open-pit mining, Questa area, Taos County, New Mexico. Final Report prepared for the New Mexico Office of Natural Resource Trustee, Santa Fe, New Mexico.

Andreasen, J.K. 1981. The accumulation of metal contaminants in Fishes of the Red River, New Mexico: Task 1, Literature Review and Task 2, Residue Analysis. Unpublished Report prepared by the Columbia National Fisheries Research Laboratory, U.S. Fish and Wildlife Service.

Buchman, M.F. 1999. SQuiRTs (Screening Quick Reference Tables), NOAA Hazmat Report 99-1, Seattle WA, Coastal Protection and Restoration Division, National Oceanic and Atmospheric Administration, 12 p.

Chadwick Ecological Consultants, Inc. 2001. Red River aquatic biological monitoring, 2000. Prepared by Chadwick Ecological Consultants, Inc. for Molycorp, Inc.

Dreesen, D.R. 1989. Plant uptake of 10 heavy metals by species planted on reclaimed molybdenum tailings. Interim Report. Prepared for Molycorp, Inc. by the U.S. Department of Agriculture, Soil Conservation Service Plant Materials Center, Los Lunas, New Mexico.

Dreesen, D.R. and J.F. Henson. 1996. Molybdenum uptake by 33 grass, forb, and shrub species grown in molybdenum tailings and soil. In Proceedings of the High Altitude Revegetation Workshop, No. 12, February 21-23, 1996, Fort Collins, Colorado, pp. 266-281.

Eisler, R. 1989. Molybdenum hazards to fish, wildlife, and invertebrates: A synoptic review. U.S. Fish and Wildlife Service Biological Report 85(1.19). August. 61 p.

Failing, L.F. 1993. Aquatic insects as indicators of heavy metal contamination in selected New Mexico streams. Masters Thesis, New Mexico Highlands University, School of Science and Engineering. 85 p.

Kennedy, P.L. D.W. Stahlecker. 1986. Prey base analysis by habitat site, Taos resource area near Questa in Taos County, New Mexico. Study performed for U.S. Bureau of Land Management. Eagle Environmental, Inc., Albuquerque, New Mexico.

Kent, S. 1995. Expanded site inspection report on Molycorp Inc., Questa Division, Taos County New Mexico (CERCLIS ID# NMD0022899094). New Mexico Environment Department, Groundwater Protection and Remediation Bureau, Superfund Program, Santa Fe, New Mexico. 125 p.

Lynch, T.R., C.J. Popp, G.Z. Jacobi. 1988. Aquatic insects as environmental monitors of trace metal contamination. Red River, New Mexico. *Water, Air, and Soil Pollution* 42:19-31.

MacDonald, D.D., C.G. Ingersoll, T.A. Berger. 2000. Development and evaluation of consensus-based sediment quality guidelines for freshwater ecosystems. *Arch. Environ. Contam. Toxicol.* 39:20-31.

Molycorp. 2003. Molycorp, Inc.'s Response to the Preassessment Screen for the Questa Mine Site. Molycorp, Inc., Questa, NM. April 25.

Natural Resource Trustees. 2003. Preassessment Screen and Determination, Molycorp Site, Taos County, New Mexico.

New Mexico Department of Game and Fish. Red River Minimum Flows. 1960, 1976, 1988.

NMED. 1998. Molycorp, Inc. DP-933 Discharge Monitoring Report, Third Quarter 1998. New Mexico Environment Department, Santa Fe, New Mexico. (Electronic copy only.)

NMED. 1998. Discharge Permit Modification , Molycorp Questa Mine, DP-933. New Mexico Environment Department, Santa Fe, New Mexico.

NMED. 2000. Discharge Permit, Molycorp Questa Mine, DP-1055. November, 2000. New Mexico Environment Department, Santa Fe, New Mexico.

NMWQCC. 2001. State of New Mexico, Ground and Surface Water Quality Protection Regulations. New Mexico Water Quality Control Commission. 20.6.2 NMAC.

NMWQCC. 2002. State of New Mexico, Standards for Interstate and Surface Waters. New Mexico Water Quality Control Commission. 20.6.4 NMAC. 35 p.

Robertson GeoConsultants, Inc. 2000. Progress report: Questa waste rock pile, monitoring and characterization study. Report # 052007/3. Prepared for Molycorp, Questa, New Mexico. Report No. 052007/3. March 2000.

Roy, R., T. O'Brien, M. Rusk-Maghini. 1992. Organochlorine and trace element contaminant investigation of the Rio Grande, New Mexico. U.S. Fish and Wildlife Service, New Mexico Ecological Services Field Office, Albuquerque, New Mexico. March.

Sample, B.E., D.M. Opresko, G.W. Suter II. 1996. Toxicological Benchmarks for Wildlife: 1996 Revision. ES/ER/TM-86/R3. Oak Ridge National Laboratory, Oak Ridge, Tennessee. 33 p.

Schafer and Associates. 1999. Chino mines administrative order on consent. Sitewide ecological risk assessment technical memorandum No. 1: ERA workplan. S&A Job No. 270-3, CMC Agreement No. C59938. Golden, Colorado.

Slifer, D. 1996. Red River groundwater investigation. New Mexico Environment Department, Surface Water Quality Bureau, Santa Fe, New Mexico.

South Pass Resources. 1993. Preliminary investigation of the potential impact of the re-watering of Molycorp's deeper underground mine on the Red River near Questa, NM. Submitted to the New Mexico Environment Department Groundwater Section. July.

South Pass Resources. 1994. Assessment of site located near Questa, New Mexico. Prepared for Molycorp, Inc. June.

South Pass Resources. 1995. Progress report on the geology, hydrogeology, and water quality in the mine area.

Taylor, R. 2000. Red River water and sediment sampling results. U.S. Geological Survey unpublished data.

U.S. Environmental Protection Agency. 1971. A water quality survey, Red River and Rio Grande, New Mexico, November 2-5. Prepared by the Robert S. Kerr Water Research Center, Federal Water Pollution Control Administration, U.S. Department of Health, Education, and Welfare. November.

U.S. Environmental Protection Agency. 2000. NPDES Permit No. NM0022306 for Molycorp, Inc., Questa, New Mexico. U.S. Environmental Protection Agency Region 6, NPDES Permits Branch (6WQ-P), Dallas, TX. December.

U.S. Environmental Protection Agency. 2001. Administrative Order on Consent for Remedial Investigation and Feasibility Study, Molycorp Inc., U.S. Environmental Protection Agency Region 6, Dallas, Texas.

U.S. Fish and Wildlife Service. 1989. Wildlife mitigation report: Molycorp Guadalupe Mountain Tailings Disposal Facility. Prepared by the U.S. Fish and Wildlife Service for Bureau of Land Management. New Mexico Ecological Services Field Office, Albuquerque, New Mexico. 30 p.

U.S. Geological Survey. 1982. STORET database internet download, 1982 surface water data for Red River, New Mexico. <http://www.epa.gov/storet/>

Vail Engineering. 1993. Interim study of the acidic drainage to the middle Red River, Taos County, New Mexico. Prepared by Vail Engineering, Inc., Santa Fe, New Mexico, for Molycorp, Inc., Questa Division. July.

Vail Engineering. 2000. Analysis of acid rock drainage in the middle reach of the Red River, Taos County, New Mexico. Interim Report to Molycorp Inc., Questa Division. July.

Woodward-Clyde, Inc. 1996. Red River, New Mexico, Benthic macroinvertebrate survey, December 1995. Prepared by Woodward-Clyde, Inc. for Molycorp, Inc.

1.2 RI/FS

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 1: Introduction. Revision 0. 32 p. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 2: Surface Water. Revision 0. 691 p. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 3: Sediment. Revision 0. 401 p. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 4: Aquatic Biota. Revision 0. 1007 p. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 5: EPA Groundwater/ Surface Water Interaction Studies and Focused Sampling. Revision 0. 440 p. URS Corporation, Denver, CO.

URS 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 6: Groundwater. Revision 0. 2037 p. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 7: Soils. Revision 0. 1205 p. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 8: Historic Tailings Spill Investigation. Revision 0. 57 p. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 9: Terrestrial Vegetation. Revision 0. 342 p. 2005. Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 10: Wildlife Impact Study. Revision 0. 270 p. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 11: Small Animals. Revision 0. 136 p. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 12: Edible Riparian. Revision 0. 49 p. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 13: Garden Produce. Revision 0. 39 p. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 14: Air Quality. Revision 0. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 15: Quality Assurance Summary. Revision 0. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Section 16: References. Revision 0. URS Corporation, Denver, CO.

URS. 2005. Technical Memorandum: Preliminary Site Characterization, Molycorp Mine RI/FS. Table of Contents. Revision 0. URS Corporation, Denver, CO.

1.3 USGS Documents

Ball, J.W., R.L. Runkel, and D.K. Nordstrom. 2005. Questa Baseline and Pre-Mining Ground-Water-Quality Investigation. 12. Geochemical and Reactive-Transport Modeling Based on Tracer Injection-Synoptic Sampling Studies for the Red River, New Mexico, 2001-2002. U.S. Geological Survey Scientific Investigations Report 2005-5149.

Briggs, P.H., S.J. Sutley, and K.E. Livo. 2003. Questa Baseline and Pre-Mining Ground-Water Quality Investigation. 11. Geochemistry of Compositated Material From Alteration Scars and Mine-Waste Piles. U.S. Geological Survey Open-File Report 03-458 (Draft).

Church, S.E., D.L. Fey, and M.E. Marot. 2004. Questa Baseline and Pre-Mining Ground-Water Quality Investigation. 8. Lake-Sediment Geochemical Record From 1960 to 2002, Eagle Rock and Fawn Lakes, Taos County, New Mexico (Draft).

Kimball, B.A., Nordstrom, D.K., Runkel, R.L., Vincent, K.R., and Verplanck, P.L. 2006. Questa Baseline and Pre-Mining Ground-Water Quality Investigation. 23. Quantification of mass

loading from mined and unmined areas along the Red River, New Mexico. U.S. Geological Survey Scientific Investigations Report 2006-5004.

LoVetere, S.H., D.K. Nordstrom, A.S. Maest, and C.A. Naus. 2004. Questa Baseline and Pre-Mining Ground-Water Quality Investigation. 3. Historical Ground-Water Quality for the Red River Valley, New Mexico. U.S. Geological Survey Water-Resources Investigations Report 03-4186.

Ludington, S., Plumlee, G.S., Caine, J.S., Bove, D., Holloway, J.M., and Livo, K.E. 2004. Questa Baseline and Pre-Mining Ground-Water Quality Investigation. 10. Geologic influences on ground and surface waters in the Red River watershed, New Mexico. U.S. Geological Survey Scientific Investigations Report 2004-5245.

Maest, A.S., D.K. Nordstrom, and S.H. LoVetere. 2003. Questa Baseline and Pre-Mining Ground-Water Quality Investigation. 4. Historical Surface-Water Quality for the Red River Valley, New Mexico. U.S. Geological Survey Water Resources Investigation Report 03-XXX (Draft).

McCleskey, R.B., D.K. Nordstrom, and C.A. Naus. 2004. Questa Baseline and Pre-Mining Ground-Water-Quality Investigation. 16. Quality Assurance and Quality Control for Water Analyses. U.S. Geological Survey Open-File Report 2004-1341.

McCleskey, R.B., D.K. Nordstrom, J.I. Steiger, B.A. Kimball, and P.L. Verplanck. 2003. Questa Baseline and Pre-Mining Ground-Water-Quality Investigation. 2. Low-Flow (2001) and Snowmelt (2002) Synoptic/Tracer Water Chemistry for the Red River, New Mexico. U.S. Geological Survey Open-File Report 03-148.

Naus, C.A., McCleskey, R.B., Nordstrom, D.K., Donohoe, L.C., Hunt, A.G., Paillet, F., Morin, R.H., and Verplanck, P.L. 2005. Questa Baseline and Pre-Mining Ground-Water Quality Investigation. 5. Well Installation, Water-Level Data, and Surface- and Ground-Water Geochemistry in the Straight Creek Drainage Basin, Red River Valley, New Mexico, 2001-03. U.S. Geological Survey Scientific Investigations Report 2005-5088.

Naus, C.A., McAda, D.P., Myers, N.C. 2006. Questa Baseline and Pre-Mining Ground-Water Quality Investigation. 21. Hydrology and water balance of the Red River Basin, New Mexico 1930-2004. U.S. Geological Survey Scientific Investigations Report 2006-5040.

Nordstrom, D.K., R.B. McCleskey, A.G. Hunt, and C.A. Naus. 2005. Questa Baseline and Pre-Mining Ground-Water Quality Investigation. 14. Interpretation of Ground-Water Geochemistry for Wells Other Than Those in Straight Creek, Red River Basin, Taos County, New Mexico, 2002-2003. U.S. Geological Survey Scientific Investigations Report 2005-5050.

Plumlee, G.S., Lowers, H., Koenig, A., Ludington, S. and Briggs. 2005. Questa baseline and pre-mining ground-water quality investigation. 13. Mineral microscopy and chemistry of mined and unmined porphyry molybdenum mineralization along the Red River, New Mexico: Implications for ground- and surface-water quality. US Geological Survey Open-File Report 2005-1442.

Verplanck, P.L., Mccleskey, R.B., and Nordstrom, D.K. 2006. Questa Baseline and Pre-Mining Ground-Water Quality Investigation. 20. Water chemistry of the Red River and selected seeps, tributaries, and precipitation, Taos County, New Mexico, 2000-2004. U.S. Geological Survey Scientific Investigations Report 2006-5028.

2. Injury Evaluation

2.1 Common

2003. COPC Screening for Risk Assessment: Inorganics. Presented November 24. Provided by Stratus Consulting Inc.

Stratus Consulting. 2005. Molycorp Assessment Summary of efforts. Presented September 7. Stratus Consulting Inc., Boulder, CO.

2.2 Groundwater Injury

Robertson GeoConsultants. 2000. Surface Erosion and Stability Analysis, Questa Tailings Facility, New Mexico. Prepared for Molycorp, Inc., Questa, NM. July. Robertson GeoConsultants Inc., Vancouver, BC.

Robertson GeoConsultants. 2005. Estimation of Groundwater Impacts: Questa Mine Site. Presented at NRDA Meeting, May 2. Robertson GeoConsultants Inc., Vancouver, BC.

Stratus Consulting. 2005. Groundwater Analysis Strategy Meeting. Presented March 15. Stratus Consulting Inc., Boulder, CO.

Stratus Consulting. 2005. Groundwater Injury Assessment: Molycorp Mine and Tailings Site. Presented May 2. Stratus Consulting Inc., Boulder, CO.

Stratus Consulting. 2005. Groundwater Injury. Presented February 2. Stratus Consulting Inc., Boulder, CO.

Unknown author. Unknown date. Groundwater Pumping Information. Provided by Stratus Consulting Inc.

URS. 2003. Geology/Hydrogeology of the Mine Site Presentation. Presented 2003. URS Corporation, Denver, CO.

URS. 2004. Mine Site Groundwater. Presented January. URS Corporation, Denver, CO.

URS. 2004. Tailings Facility Groundwater. Presented January. URS Corporation, Denver, CO.

URS. 2005. Evaluation of River Flow and Groundwater Flux at Springs 13 and 39. URS Corporation, Denver, CO.

URS. 2005. Overview: Mine Site Groundwater Data Collection. Presented to the Environmental Protection Agency on February 2-4. URS Corporation, Denver, CO.

URS. 2005. Overview: Tailings Facility Ground Water Collection. Presented to the Environmental Protection Agency on February 2-4. URS Corporation, Denver, CO.

2.3 Surface Water Injury

Chadwick Ecological Consultants. 2003. Red River aquatic biological monitoring, 2002. Appendices A-D. Prepared for Molycorp, Inc. by Chadwick Ecological Consultants, Inc., Littleton, CO.

Chadwick Ecological Consultants. 2005. Aquatic Biological Data on the Red River, Taos County, New Mexico, 1906-1994. Sections 1.4 - 1.7. Prepared by Chadwick Ecological Consultants, Inc. for Molycorp, Inc.

Chadwick Ecological Consultants. 2005. Aquatic Biological Data On The Red River, Taos County, New Mexico, 1906-1994. Sections 2.2- 2.2.3: Historical (1953-1992) Biological Data. Prepared for Molycorp, Inc. by Chadwick Ecological Consultants, Inc., Littleton, CO.

Chadwick Ecological Consultants. 2005. Red River aquatic biological monitoring, 2003. Appendices A-D. Prepared for Molycorp, Inc. by Chadwick Ecological Consultants, Inc., Littleton, CO.

Chadwick Ecological Consultants. 2005. Red River aquatic biological monitoring, 2004. Appendices A-D. Prepared for Molycorp, Inc. by Chadwick Ecological Consultants, Inc., Littleton, CO.

Chadwick Ecological Consultants. 2005. RI/FS Data Collection Overview. Presented February 4. Chadwick Ecological Consultants, Inc., Littleton, CO.

Chadwick Ecological Consultants. 2006. Red River Aquatic Biological Monitoring 2005. Appendices A-E. Prepared for Molycorp, Inc. by Chadwick Ecological Consultants, Inc., Littleton, CO.

GSI. 2004. GSI Study Detailed Data Screening.

MacMullin, S. 2004. Letter to David Chapman, Stratus Consulting re: DOI's perspective on the natural resource damage issues at Molycorp., U.S. Department of Interior. July 7.

Nicholopoulos, J.E. 2000. Letter to Holland Shepherd, New Mexico Energy, Minerals, and Natural Resources Department re: the technical review of the Molycorp mine closeout/closure plan wildlife work plans, 2000. U.S. Department of Interior. April 11.

Nicholopoulos, J.E. 2002. Letter to Mark Purcell, U.S. Environmental Protection Agency re: Molycorp RI/FS workplan. U.S. Department of Interior. May 16.

Nicholopoulos, J.E. Undated Letter to Dr. Jim Davis, New Mexico Environment Department re: the review of the draft total maximum daily load (TMDL) for aluminum, turbidity, and stream bottom deposits in the Red River Basin. U.S. Department of Interior.

Nicholopoulos, J.E. 2001. Letter to Holland Shepherd, New Mexico Energy, Minerals, and Natural Resources Department re: fish and benthic invertebrate populations in the Red River. U.S. Department of Interior. August 13.

Stratus Consulting. 2004. Evaluation of Service Loss: Molycorp Surface Water HEA. Presented June 29. Stratus Consulting Inc., Boulder, CO.

2.4 Terrestrial Injury

Molycorp. 2005. Evaluation of Terrestrial Injury at Questa Mine. Presented March 2005. Molycorp, Inc., Questa, NM.

Stratus Consulting. 2005. Conceptual Model of Terrestrial Injury. Presented February 2. Stratus Consulting Inc., Boulder, CO.

Stratus Consulting. 2005. Evaluation of Service Loss: Molycorp Terrestrial HEA Debit. Presented April 22. Stratus Consulting Inc., Boulder, CO.

U.S. EPA. 2003. Ecological Soil Screening Levels for Aluminum. Interim Final. U.S. Environmental Protection Agency, Washington, DC. November.

U.S. EPA. 2003. Ecological Soil Screening Levels for Antimony. Interim Final. U.S. Environmental Protection Agency, Washington, DC. November.

3. Restoration Planning

Chapman, D. and C. Wagner. 2007. Memorandum to Rebecca Neri Zagal, NM-ONRT; Russ MacRae, USFWS; Penny Luehring, USFS; Karen Cathey, USFWS; Greg Gustina, BLM; Anne Wagner, Molycorp Inc.;cc: Robert Haddad, AGS re: Molycorp project implementation cost estimates. Stratus Consulting Inc., Boulder, CO. May 22.

Stratus Consulting. 2007. Project One Pager: Cabresto Creek Fish Barrier and Rio Grande Cutthroat Trout Restoration. Stratus Consulting Inc., Boulder, CO. January.

Stratus Consulting. 2007. Project One Pager: Columbine Creek Rio Grande Cutthroat Trout Restoration. Stratus Consulting Inc., Boulder, CO. January.

Stratus Consulting. 2007. Project One Pager: Fawn Lakes Riparian Enhancement. Stratus Consulting Inc., Boulder, CO. January.

Stratus Consulting. 2007. Project One Pager: Anderson Ranch Habitat Preservation. Stratus Consulting Inc., Boulder, CO. January.

Stratus Consulting. 2007. Project One Pager: Riparian Enhancement on Bitter Creek. Stratus Consulting Inc., Boulder, CO. January.

Stratus Consulting. 2007. Project One Pager: Upgrade Village of Questa wastewater treatment plant. Stratus Consulting Inc., Boulder, CO. January.

Stratus Consulting. 2007. Project One Pager: Upstream Passage for Adult Brown Trout at the Red River Fish Hatchery; Aquatic. Stratus Consulting Inc., Boulder, CO. May.

3.1 Purpose and Need for Restoration

The Edinburgh Centre for Toxicology. Unknown date. UNEP/IPCS. Training Module No. 33 Section B: Environmental Risk Assessment.

ERO Resources Corporation. 2006. Wetland Delineation Sunshine Valley Property, Taos County, New Mexico. Prepared for Chadwick Ecological Consultants. ERO Resources Corporation, Denver, CO. August 4.

Robertson GeoConsultants. 1998. Questa Tailings Facility Revised Closure Plan. Prepared for Unocal Molycorp, Questa, NM. Robertson GeoConsultants Inc., Vancouver, BC. April.

3.2 Restoration Alternatives

Browning, H. 2006. Memorandum to Martin Heinrich, Rebecca Neri Zagal, ONRT; cc: David Chapman re: restoration and electrofishing. Stratus Consulting Inc., Boulder, CO. March 29.

Browning, H., D. Lane, and D. Chapman. 2005. Memorandum to Molycorp Trustee Group re: potential project screening and evaluation. Stratus Consulting Inc., Boulder, CO. July 8.

Chadwick, J. 2005. Memorandum to Anne Wagner and Bob Haddad re: Cabresto Creek field evaluation. Chadwick Ecological Consultants, Inc. November 11.

Chapman, D., H. Browning, and D. Lane. 2005. Memorandum to Molycorp Trustee Group, Rebecca Neri Zagal, Will Fetner, Ben Kuykendall, George Long, Karen Fisher, Russ MacRae, and Kirk Minckler re: restoration planning project descriptions. Stratus Consulting Inc., Boulder, CO. May 25.

Holmes, J. 2006. Memorandum to David Chapman re: dilution water required to bring Questa wastewater treatment plant into compliance. Stratus Consulting Inc., Boulder, CO. March 9.

Lane, D., H. Browning, and D. Chapman. 2005. Memorandum to Molycorp Trustee Group re: proposed project selection criteria. Stratus Consulting Inc., Boulder, CO. January 24.

Lane, D., H. Browning, and D. Chapman. 2005. Memorandum to Molycorp Trustee Group re: revised evaluation benchmarks and project scoring for the “feasibility and cost” category. Stratus Consulting Inc., Boulder, CO. August 11.

Lane, D., H. Browning, and D. Chapman. 2005. Memorandum to Rebecca Neri Zagal, ONRT; Russ MacRae, USFWS; Ben Kuykendall re: update on status of potential Molycorp restoration projects. Stratus Consulting Inc., Boulder, CO. November 7.

Molycorp. 2006. Molycorp Trustee Meeting. Presented to NM Office of Natural Resources Trustees. Molycorp, Inc., Questa, NM. November 9.

Stratus Consulting. 2005. Evaluation Criteria Spreadsheet. Stratus Consulting Inc., Boulder, CO.

Stratus Consulting. 2005. Proposed Screening Criteria Application Spreadsheet. Stratus Consulting Inc., Boulder, CO.

Stratus Consulting. 2006. Trustees' Proposed Restoration-Based Alternatives for the Molycorp NRDA. Presented March 16. Stratus Consulting Inc., Boulder, CO.

3.3 Scale of Restoration

Stratus Consulting. 2003. Potential HEA Approach for Surface Water Resources Affected by the Molycorp Mine. Presented at Trustees and Molycorp Meeting, November 13. Stratus Consulting Inc., Boulder, CO.

Stratus Consulting. 2006. Trustees' Proposed Restoration-Based Alternatives for the Molycorp NRDA: Summary of Scaling Concepts. Presented March 31. Stratus Consulting Inc., Boulder, CO.

3.4 Restoration Plan and Environmental Assessment

Questa Mine Site Natural Resource Trustees. 2017. Draft Restoration Plan and Environmental Assessment. Questa, New Mexico. Draft, November 2017. Prepared with assistance from Industrial Economics, Incorporated.