

## **APPENDIX C**

### **List of Chromium and Perchlorate Reports**

---

**C-1**  
**LIST OF CHROMIUM REPORTS**

1. Hydrogeological Investigation, KMCC, Henderson, Nevada, July, 1985.
2. Groundwater Mitigation program, KMCC, Henderson, Nevada, October, 1985.
3. Consent Order for Cleanup of Chromium in Groundwater at the Henderson, Nevada Facility, September 10, 1986.
4. Chromium Mitigation Program Performance Report, KMCC, Henderson, Nevada, November 18, 1987.
5. Fourth Quarter Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, December 28, 1987.
6. First Quarter Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, April 13, 1988.
7. Second Quarter performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, July 26, 1988.
8. Third Quarter Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, October - December, 1988.
9. Fourth Quarter Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, October - December, 1988.
10. First Quarter Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, January - March, 1989.
11. Second Quarter Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, April - June, 1989.
12. Third Quarter Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, July - September, 1989.
13. Fourth Quarter Chromium Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, October - December, 1989.
14. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, January - June, 1990.
15. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, July-December, 1990, January 25, 1991.
16. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, July 26, 1991.
17. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, January 27, 1992.
18. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, January - June 1992, July 24, 1992.

**C-1**  
**LIST OF CHROMIUM REPORTS**

19. Semi-Annual Performance Report, Chromium Mitigation Program, Kerr-McGee Chemical Corporation, Henderson, Nevada, July-December 1992, January 1993.
20. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, January-June 1993.
21. Groundwater Interception System Evaluation Report, Henderson, Nevada, September 15, 1993.
22. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, July-December 1993.
23. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, January-June 1994, July 29, 1994.
24. Semi-Annual Performance Report, Chromium Mitigation Program, Kerr-McGee Chemical Corporation, Henderson, Nevada, July-December 1994.
25. Semi-Annual Performance Report, Chromium Mitigation Program, Kerr-McGee Chemical Corporation, Henderson, Nevada, January - June 1995, July 28, 1995.
26. Semi-Annual Performance Report, Chromium Mitigation Program, Kerr-McGee Chemical Corporation, Henderson, Nevada, July-December 1995, January 26, 1996.
27. Semi-Annual Performance Report, Chromium Mitigation Program, Kerr-McGee Chemical Corporation, Henderson, Nevada, January-June 1996, dated July 26, 1996.
28. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, July - December 1996, dated January 31, 1997.
29. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, January - June 1997, dated July 28, 1997.
30. Semi-Annual Performance Report, Chromium Mitigation Program, July – December, 1997, dated January 31, 1998.
31. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, January - June 1998, dated July 28, 1998.
32. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, July – December 1998, dated January 26, 1999.
33. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, January - June 1999, dated July 28, 1999.
34. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, July – December 1999, dated January 26, 2000.
35. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, January – June 2000, dated July 28, 2000.
36. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, July – December 2000, dated January 26, 2001.

**C-1**  
**LIST OF CHROMIUM REPORTS**

37. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, January – June 2001, dated July 27, 2001.
38. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, July – December 2001, dated January 25, 2002.
39. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, January – June 2001, dated July 27, 2001.
40. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, July – December 2002, dated January 28, 2003.
41. Semi-Annual Performance Report, Chromium Mitigation Program, KMCC, Henderson, Nevada, January – July 2003, dated July 28, 2003.
42. Semi-Annual Performance Report, Chromium Mitigation Program, KMCLLC, Henderson, Nevada, July – December 2003, dated January 26, 20

**C-2**  
**LIST OF PERCHLORATE REPORTS**

1. Perchlorate On-Site Sampling Plan, KMCC, Henderson, Nevada, August 1997.
2. Perchlorate in Water: a position paper to furnish supplemental information on identifying and treating the contaminant, Environmental Modeling Consultants Corp. September 1997.
3. KMCC Perchlorate Groundwater Sampling Report, KMCC, Henderson, Nevada, October 1997.
4. Perchlorate Characterization Project: Historical Review Report/Sampling Plan, KMCC, Henderson, Nevada, January 1998.
5. Perchlorate Investigation Report, NDEP, March 1998.
6. Pump Test - Pittman lateral area, KMCC, Henderson, Nevada, May 1998.
7. Phase II GW Perchlorate Investigation Report, KMCC, Henderson, Nevada, July 1998.
8. Phase II Perchlorate Study pumping test, KMCC, Henderson, Nevada, July 1998.
9. Preliminary Report on a Hydrogeologic Investigation of Channel Fill Alluvium at the Pittman Lateral, KMCC, Henderson, Nevada, October 1998.
10. Perchlorate activity status, KMCC, Henderson, Nevada, November 1998.
11. Henderson On-Site Groundwater Perchlorate Treatment Technology Review, KMCC, Henderson, Nevada, November 1998.
12. Henderson Off-Site Groundwater Perchlorate Treatment Technology Review, KMCC, Henderson, Nevada, December 1998.
13. Perchlorate Monthly Activity Status, KMCC, Henderson, Nevada, January 1999.
14. Perchlorate Monthly Activity Status, KMCC, Henderson, Nevada, January 1999.
15. Perchlorate design assessment for remedial action, KMCC, Henderson, Nevada, February 1999.
16. Perchlorate Design Assessment for Remediation, Brenda Pohlmann – NDEP, March 1999.
17. Perchlorate Consent Agreement, Pete Woodward, July 1999.
18. Work Plan for the Perchlorate Seep Removal Action, KMCC, Henderson, Nevada, August 1999.
19. Decision Summary - August 19, 1999 Meeting, KMCC, Henderson, Nevada, August 1999.
20. Surface Water Seep Perchlorate Treatment, KMCC, Henderson, Nevada, September 1999.
21. Request for 401 Water Quality Certification, KMCC, Henderson, Nevada, September 1999.
22. Jurisdictional Determination Report and Post-Notification under Section 404 Nationwide 26 Permit for Kerr-McGee Project, PBS&J on KMCLLC's behalf, September 1999.
23. Best Management Practices Implementation Plan for the Kerr-McGee Chemical LLC Perchlorate Seep Removal Plan, PBS&J on KMCLLC's behalf, September 1999.

**C-2**  
**LIST OF PERCHLORATE REPORTS**

24. Kerr-McGee Perchlorate Treatment Project Site Access Request, KMCC, Henderson, Nevada, September 1999.
25. Kerr-McGee Biological Assessment for Perchlorate Seep Removal Action - Final Report, PBS&J on KMCLLC's behalf, September 1999.
26. Work Plan for the Long-term GW Perchlorate Removal Action, ENSR, September 1999.
27. Temporary Discharge Permit for the "Seep" TNEV99106, Catherine Pool – NDEP, November 1999.
28. Perchlorate activity status, KMCC, Henderson, Nevada, January 2000.
29. Las Vegas Wash Seep Characterization Work Plan, KMCC, Henderson, Nevada, March 2000.
30. NPDES Discharge Permit Application - Supporting Information, KMCC, Henderson, Nevada, March 2000.
31. NPDES Discharge Permit - Supporting Information, KMCC, Henderson, Nevada, March 2000.
32. NPDES Discharge Permit - Supporting Information, KMCC, Henderson, Nevada, April 2000.
33. NPDES Discharge Permit - Mixing Zone Length, KMCC, Henderson, Nevada, April 2000.
34. Application for 2nd Temporary Discharge Permit for Seep area , KMCC, Henderson, Nevada, May 2000.
35. NPDES Discharge Permit Application - Comments on Draft Permit, KMCC, Henderson, Nevada, June 2000.
36. Perchlorate activity status, KMCC, Henderson, Nevada, June 2000.
37. Perchlorate activity status, KMCC, Henderson, Nevada, July 2000.
38. Perchlorate activity status, KMCC, Henderson, Nevada, September 2000.
39. KMCLLC Application for NPDES Permit for Perchlorate Removal Action, KMCC, Henderson, Nevada, September 2000.
40. Hydrologic Investigation Report request, Brenda Pohlmann - NDEP October 2000.
41. Application for Temporary Discharge Permit for Seep Area, KMCC, Henderson, Nevada, October 2000.
42. LV Wash Tracer Study, KMCC, Henderson, Nevada, November 2000.
43. Seep Area GW Characterization Report, KMCC, Henderson, Nevada, January 2001.
44. NDEP approval of IX perchlorate remedial technology, KMCC, Henderson, Nevada, February 2001.
45. NPDES Permit 0023060 - WET Test Alternative Species, KMCC, Henderson, Nevada, February 2001.

**C-2**  
**LIST OF PERCHLORATE REPORTS**

46. Perchlorate removal technology and waters to be treated for perchlorate removal, KMCC, Henderson, Nevada, February 2001.
47. Work Plan and Schedule for Seep GW Capture, KMCC, Henderson, Nevada, April 2001.
48. EPA guidance on soil excavations, KMCC, Henderson, Nevada, April 2001.
49. EPA Guidance on Excavated Soils - Zimmerman approval, Doug Zimmerman – NDEP, April 2001.
50. Project Proposal for Athens Rd Groundwater Interception Project, KMCC, Henderson, Nevada, April 2001.
51. Dye Injection Study, WET Test Alternate Species, Waters to be Treated of Perchlorate Removal , Leo Drozd of – NDEP, April 2001.
52. NPDES Permit 0023060 - Summary for Treating Additional Water at Henderson, KMCC, Henderson, Nevada, April 2001.
53. Work Plan and Schedule for Seep Capture - NDEP response, Todd Croft, May 2001.
54. Publication of Public Meeting and Repository Notice, Rory Reid, June 2001.
55. Recorded Minutes of the Public Meeting, Gina M. Shrader, June 2001.
56. Perchlorate Remediation Project - Seep Area Groundwater Capture Report, KMCC, Henderson, Nevada, August 2001.
57. Seep Area GW Capture, KMCC, Henderson, Nevada, August 2001.
58. Administrative Order on Consent, NDEP, October 2001.
59. Authority to Construct Application, KMCC, Henderson, Nevada, November 2001.
60. Perchlorate Remediation - Monthly Progress Report, KMCC, Henderson, Nevada, December 2001.
61. Force Majeure Written Notification re 10/8/01 AOC, KMCC, Henderson, Nevada, December 2001.
62. Kerr-McGee Force Majeure Notification, Doug Zimmerman – NDEP, December 2001.
63. Perchlorate Remediation - Monthly Progress Report, KMCC, Henderson, Nevada, January 2002.
64. Perchlorate Remediation - Monthly Progress Report, KMCC, Henderson, Nevada, February 2002.
65. Perchlorate Remediation - Monthly Progress Report, KMCC, Henderson, Nevada, March 2002.
66. ISEP Operation, KMCC, Henderson, Nevada, April 2002.
67. Las Vegas Wash Tracer Study, KMCC, Henderson, Nevada, April 2002.
68. Various KMCC UIC Reports for Permit # NEV94218, KMCC, Henderson, Nevada, July 2001 - June 2002.
69. Rate of Groundwater Movement, Montgomery & Associates, December 2000.

**C-2**  
**LIST OF PERCHLORATE REPORTS**

70. Perchlorate Remediation - 2nd Quarter 2002 Performance Report, KMCC, Henderson, Nevada, August 2002.
71. Clarification of Perchlorate Plume Locations in the E/2 sec. 11 and W/2 sec 12, T22S, R62E, KMCC, Henderson, Nevada, October 2002.
72. Temporary Discharge Permit Application, KMCC, Henderson, Nevada, February 2003.
73. Perchlorate Remediation - 4th Quarter 2002 Performance Report, KMCC, Henderson, Nevada, March 2003.
74. Seep Well field GW Capture Report on New Wells, KMCC, Henderson, Nevada, March 2003.
75. Submission of Information by KMCC in 2001 and 2002 Relating to Certain Hydrogeological Depictions of Perchlorate Concentrations in the GW, KMCC, Henderson, Nevada, March 2003.
76. Letter Report to EPA, KMCC, Henderson, Nevada, April 2003.
77. Perchlorate Remediation - First Quarter 2003 Performance Report, KMCC, Henderson, Nevada, April 2003.
78. Test Reports from Calgon, KMCC, Henderson, Nevada, May 2003.
79. Lithology logs and well completion forms, KMCC, Henderson, Nevada, May 2003.
80. Perchlorate Monitoring Results, Henderson, NV to Lower Colorado River, Larry Bowerman, EPA, June 2003.
81. Various KMCC DMRs for Permit # NV0023060, KMCC, Henderson, Nevada, July 2001 - June 2003.
82. Various KMCC, UIC Reports for Permit # NEV94218, KMCC, Henderson, Nevada, July 2002 - June 2003.
83. Perchlorate Remediation - 2nd Quarter 2003 Performance Report, KMCC, Henderson, Nevada, July 2003.
84. Temporary Discharge Permit Application, KMCC, Henderson, Nevada, August 2003.
85. Perchlorate Monitoring Results, Henderson, NV to Lower Colorado River, Larry Bowerman, EPA, September 2003.
86. Quarterly Perchlorate Remediation Performance Report, KMCC, Henderson, Nevada, October 2003.
87. Final Report - Temporary Permit TNEV 2003328, KMCC, Henderson, Nevada, October 2003.
88. NPDES Permit NV0023060 Permit Modification, KMCC, Henderson, Nevada, November 2003.
89. Perchlorate Monitoring Results, Henderson, NV to Lower Colorado River, Larry Bowerman, EPA, January 2004.
90. Quarterly Perchlorate Remediation Performance Report, KMCC, Henderson, Nevada, January 2004.



**C-2**  
**LIST OF PERCHLORATE REPORTS**

91. KM Request to Use Ferrous Sulfate for Chromium Remediation, KMCC, Henderson, Nevada, March 2004.
92. NDEP Approval of Modification to the Existing Chromium Treatment System, Todd Croft – NDEP, April 2004
93. Quarterly Perchlorate Remediation Performance Report, KMCC, Henderson, Nevada, April 2004.
94. Various KMCC DMRs for Permit # NV0023060, KMCC, Henderson, Nevada, July 2003 – Current\*.
95. Various KMCC DMRs for Permit # TNEV2003328, KMCC, Henderson, Nevada, October 2003 – Current\*.

**Notes:**

ACM = Asbestos Containing Material

AmPac = American Pacific Corporation

BMI = Basic Magnesium Inc.

ECA = Environmental Conditions Assessment (Phase II)

ECI = Environmental Conditions Investigation (Phase I)

GW = Groundwater

ISB= In-Situ Bioremediation

LOU = Letter of Understanding

LV= Las Vegas

NDEP = Nevada Department of Environmental Protection

TiMet = Titanium Metals Corporation

UST= Underground Storage Tank

\* = As of this Conceptual Site Model Report date