

# **19<sup>th</sup> Avenue Landfill Superfund Site 2010 Five Year Review**

## **Appendix H - List of Documents Reviewed**

## APPENDIX H

### LIST OF DOCUMENTS REVIEWED

Arizona Department of Environmental Quality (ADEQ), Memorandum, from Hugh Rieck, Hydrogeologist, Remedial Investigations Hydrology Unit, Subject: Technical memorandum on arsenic concentrations in groundwater monitor wells at the 19<sup>th</sup> Ave Landfill Site, April 14, 2004.

ADEQ, Cost Documentation for 19<sup>th</sup> Avenue Landfill, Volume I of II, July-June, 2005-2006.

ADEQ, Cost Documentation for 19<sup>th</sup> Avenue Landfill, Volume II of II, July – June, 2005-2006.

City of Phoenix (COP), 19<sup>th</sup> Ave Landfill Quarterly Progress Report, First Quarter 2005, with cover letter from Bruce E. Henning, P.E., Deputy Public Works Director, to William DePaul, Remedial Project Manager, ADEQ, April 29, 2005.

COP, Letter from Bruce Henning, COP, to William DePaul, ADEQ, re: 19<sup>th</sup> Avenue Landfill Follow-up Groundwater Sample (Arsenic at Well I-4), May 12, 2005.

COP, 19<sup>th</sup> Ave Landfill Quarterly Progress Report, Second Quarter 2005, with cover letter from Bruce E. Henning, COP, to William DePaul, ADEQ, July 29, 2005.

COP, Letter from Bruce E. Henning, COP, to William DePaul, ADEQ, re: 19<sup>th</sup> Avenue Landfill Follow-up Groundwater Sample (Nickel and Nitrate in Well I-3), August 15, 2005.

COP, Letter from Bruce E. Henning, COP, to William DePaul, ADEQ, re: 19<sup>th</sup> Avenue Landfill Exceedance Condition (Thallium in Well I-4), October 28, 2005

COP, 19<sup>th</sup> Avenue Landfill Quarterly Progress Report, Third Quarter 2005, with cover letter from Bruce E. Henning, COP, to William DePaul, ADEQ, October 28, 2005.

COP, Memo from Donn M. Stoltzfus, COP, re: Rio Salado Project Access at 19<sup>th</sup> Avenue Landfill, Phoenix, October 28, 2005.

COP, 19<sup>th</sup> Ave Landfill Quarterly Process Report Fourth Quarter 2005, with cover letter from Bruce E. Henning, COP, to William DePaul, ADEQ, January 25, 2006.

COP, 19<sup>th</sup> Ave Landfill Quarterly Progress Report, First Quarter 2006, with cover letter from Bruce E. Henning, COP, to William DePaul, ADEQ, April 28, 2006.

COP, Letter of Exceedance Condition (arsenic in Well I-4), Letter from Bruce E. Henning, COP, to William DePaul, ADEQ, April 28, 2006.

COP, 19<sup>th</sup> Avenue Landfill Follow-up Groundwater Sample Analytical Results, letter from Bruce E. Henning, COP, May 18, 2006.

COP, 19<sup>th</sup> Ave Landfill Exceedance Report (arsenic in Well I-4), letter from Bruce E. Henning, COP, to William DePaul, ADEQ, June 14, 2006.

COP, DEUR (Declaration of Environmental Use Restriction) for 19<sup>th</sup> Avenue Landfill, from Bruce E. Henning, COP, recorded July 20, 2006.

COP, 19<sup>th</sup> Avenue Landfill Quarterly Progress Report, Second Quarter 2006, with cover letter from Bruce E. Henning, COP, to William DePaul, ADEQ, July 31, 2006.

COP, 19<sup>th</sup> Avenue Landfill Follow-Up Groundwater Sample Analytical Results (arsenic in Well I-4; nitrate in Well I-3), Letter from Bruce E. Henning, COP, to William DePaul, ADEQ, August 10, 2006.

COP, 19<sup>th</sup> Avenue Landfill Exceedance Report (arsenic in Well I-4), Letter from Bruce E. Henning, COP, to William DePaul, ADEQ, September 8, 2006.

COP, 19<sup>th</sup> Ave Landfill Exceedance Condition (arsenic in Well I-4; and nitrate in Well I-3), letter from Joseph P. Giudice, Deputy Director Public Works, to William DePaul, ADEQ, October 31, 2006.

COP, 19<sup>th</sup> Avenue Landfill, Quarterly Progress Report, Third Quarter 2006, from Joseph P. Giudice, Deputy Director Public Works, COP, to William DePaul, ADEQ, October 31, 2006.

COP, 19<sup>th</sup> Ave Landfill Follow- up Groundwater Sample Analytical Results (arsenic in Well I-4; nitrate in Well I-3), Letter from Joseph P. Giudice, COP, to William DePaul, ADEQ, November 14, 2006.

COP, 19<sup>th</sup> Avenue Landfill, Exceedance Report for Arsenic Detected in Well I-4, Letter from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ, December 12, 2006.

COP, 19<sup>th</sup> Avenue Landfill Quarterly Progress Report, Fourth Quarter 2006, from Joseph P. Giudice, COP, to William DePaul, ADEQ, January 29, 2007.

COP, 19<sup>th</sup> Avenue Landfill, Follow-up Groundwater Sample Analytical Results (arsenic in Well I-3 and Well I-4), Letter from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ, February 14, 2007.

COP, 19<sup>th</sup> Avenue Landfill, First Quarter 2007 Exceedance Condition, First Quarter 2007 Progress Report, and the First Quarter 2007 Groundwater Quality Monitoring Report, from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ, April 30, 2007.

COP, 19<sup>th</sup> Avenue Landfill, Second Quarter 2007 Exceedance Condition, Second Quarter 2007 Progress Report, and the Second Quarter 2007 Groundwater Quality Monitoring Report, from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ, July 30, 2007.

COP, 19<sup>th</sup> Avenue Landfill, Follow-up Groundwater Sample Analytical Results (arsenic in Well I-3 and Well I-4), Letter from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ, August 15, 2007.

COP, 19<sup>th</sup> Avenue Landfill, Exceedance Report for Arsenic Detected in Well I-4, Letter from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ, September 14, 2007.

COP, 19<sup>th</sup> Avenue Landfill, Third Quarter 2007 Exceedance Condition, Third Quarter 2007 Progress Report, and the Third Quarter 2007 Groundwater Quality Monitoring Report, from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ, October 30, 2007.

COP, 19<sup>th</sup> Avenue Landfill, Fourth Quarter 2007 Exceedance Condition, Fourth Quarter 2007 Progress Report, and the Fourth Quarter 2007 Groundwater Quality Monitoring Report, from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ, January 30, 2008.

COP, 19<sup>th</sup> Avenue Landfill Quarterly Progress Report, First Quarter 2008, from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ, April 30, 2008.

COP, 19<sup>th</sup> Avenue Landfill, Second Quarter 2008 Exceedance Condition, Second Quarter 2008 Progress Report, and the Second Quarter 2008 Groundwater Quality Monitoring Report, from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ, July 30, 2008.

COP, 19<sup>th</sup> Avenue Landfill Follow-up Groundwater Sample Analytical Results (nitrate in Well I-3), Letter from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ August 15, 2008.

COP, 19<sup>th</sup> Avenue Landfill Nitrate Exceedance Report for the 2nd Quarter 2008 (nitrate in Well I-3), Letter from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ September 12, 2008.

COP, 19<sup>th</sup> Avenue Landfill, Third Quarter 2008 Exceedance Condition, Third Quarter 2008 Progress Report, and the Third Quarter 2008 Groundwater Quality Monitoring Report, from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ, October 31, 2008.

COP, 19<sup>th</sup> Avenue Landfill Nitrate Exceedance Report for the 3<sup>rd</sup> Quarter 2008 (nitrate in Well I-3), Letter from Joseph P. Giudice, COP, to Nicole Coronado, ADEQ  
December 17, 2008.

COP, 19<sup>th</sup> Avenue Landfill, Quarterly Progress Report, Fourth Quarter 2008 (includes data from 2<sup>nd</sup> Qtr 2008 thru 4<sup>th</sup> Qtr 2008), from Joseph P. Giudice, COP, to Joellen Meitl, ADEQ, January 30, 2009.

COP, 19<sup>th</sup> Avenue Landfill, Quarterly Progress Report, First Quarter 2009 (includes data from 3<sup>rd</sup> Qtr 2008 through 1<sup>st</sup> Qtr 2009), from Joseph P. Giudice, COP, to Joellen Meitl, ADEQ, April 30, 2009.

COP, 19<sup>th</sup> Avenue Landfill, Follow-up Groundwater Sample Analytical Results (nitrate in Well I-3, arsenic in Well I -4), from Joseph P. Giudice, COP, to Joellen Meitl, ADEQ, May 19, 2009.

COP, 19<sup>th</sup> Avenue Landfill, Quarterly Progress Report, Second Quarter 2009 (includes data from 3<sup>rd</sup> Qtr 2008 through 1<sup>st</sup> Qtr 2009), from Joseph P. Giudice, COP, to Joellen Meitl, ADEQ, July 30, 2009.

COP, 19<sup>th</sup> Avenue Landfill, Follow-up Groundwater Sample Analytical Results, 2<sup>nd</sup> Quarter 2009 (nitrate in Well I-3), Letter from Joseph P. Giudice, COP, to Joellen Meitl, ADEQ, August 17, 2009.

COP, 19<sup>th</sup> Avenue Landfill, Third Quarter 2009 Exceedance Condition, Third Quarter 2009 Progress Report, and the Third Quarter 2009 Groundwater Quality Monitoring Report, from Joseph P. Giudice, COP, to Joellen Meitl, ADEQ, October 30, 2009.

COP, 19<sup>th</sup> Avenue Landfill, Follow-up Groundwater Sample Analytical Results, 3<sup>rd</sup> Quarter 2009 (nitrate in Well I-3), November 16, 2009.

COP, 19<sup>th</sup> Avenue Landfill, Fourth Quarter 2009 Exceedance Condition, Fourth Quarter 2009 Progress Report, and the Fourth Quarter 2009 Groundwater Quality Monitoring Report, from Joseph P. Giudice, COP, to Delfina Olivarez, ADEQ, January 29, 2009.

COP, 19<sup>th</sup> Ave Landfill Quarterly Progress Report, First Quarter 2010, April 30, 2010.

Engineering and Environmental Consultants, Inc. (EEC), Draft Work Plan, Five Year Review, 19<sup>th</sup> Ave Landfill, Task Assignment EV05-0074, March 14, 2005.

EEC, Work Plan, Five Year Review, 19<sup>th</sup> Ave Landfill, Task Assignment EV05-0074, April 20, 2005.

EEC, 5 Year Review Invoices, June 21, 2005.

EEC, Draft Final Five-Year Review Report, 19<sup>th</sup> Avenue Landfill, prepared for ADEQ, June 30, 2005.

EEC, Final Second Five-Year Review Report, 19<sup>th</sup> Avenue Landfill, Phoenix, Arizona, prepared for ADEQ, September 16, 2005.

Locus Technologies, 5-Year Review, 19<sup>th</sup> Ave Landfill, Solicitation No. EV05-0074, January 25, 2005.

Miller Brooks Environmental Inc., Quotation for Five-Year Review, 19<sup>th</sup> Avenue Landfill, Phoenix, Arizona, January 25, 2005.

Montgomery Watson Harza (MWH) Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Avenue Landfill, 1<sup>st</sup> Quarter 2005 (19-2005-1), February 18, 2005.

MWH Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Avenue Landfill, 2nd Quarter 2005 (19-2005-2), Report, May 6, 2005.

MWH Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Avenue Landfill, 3<sup>rd</sup> Quarter 2005 (19-2005-3), August 25, 2005.

MWH Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Avenue Landfill, 4th Quarter 2005 (19-2005-4), November 10, 2005.

MWH Laboratories, Phoenix Landfill Quarterly Report 19<sup>th</sup> Ave Landfill, 1<sup>st</sup> Quarter 2006, 2 volumes, February 23, 2006.

MWH Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Ave Landfill, 2<sup>nd</sup> Quarter 2006, June 21, 2006.

MWH Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Ave Landfill, 3<sup>rd</sup> Quarter 2006, 2 volumes, October 20, 2006.

MWH Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Ave Landfill, 4th Quarter 2006, January 8, 2007.

MWH Laboratories, Phoenix Landfill Quarterly Report 19<sup>th</sup> Ave Landfill, 2nd Quarter 2007, June 7, 2007.

MWH Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Avenue Landfill, 4<sup>th</sup> Quarter 2007 (19-2007-4), 2 volumes, December 3, 2007.

MWH Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Avenue Landfill, 1<sup>st</sup> Quarter 2008 (19-2008-1), 2 volumes, April 3, 2008

MWH Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Avenue Landfill, 3<sup>rd</sup> Quarter 2008 (19-2008-3), 2 volumes, October 29, 2008.

MWH Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Avenue Landfill, 4<sup>th</sup> Quarter 2008 (19-2008-4), January 23, 2009.

MWH Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Avenue Landfill, 1<sup>st</sup> Quarter 2009 (19-2009-1), 2 volumes, April 15, 2009.

MWH Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Avenue Landfill, 3<sup>rd</sup> Quarter 2009, October 1, 2009.

MWH Laboratories, Phoenix Landfill Quarterly Report, 19<sup>th</sup> Avenue Landfill, 4<sup>th</sup> Quarter 2008, 2 volumes, November 18, 2009.

Tetra Tech, Inc., Annual Site Inspection for the City of Phoenix 19<sup>th</sup> Ave Landfill, December 17, 2009.

The University of Arizona (U of A), Fact Sheet, Naturally Occurring Well Water Contaminants, 2009.

United States Environmental Protection Agency (EPA), Comprehensive Five-Year Review Guidance, June 2001.

United States Geological Survey (USGS), Surface Water Data, January 1, 2010.

URS Corp (URS), Engineering Control Plan for the 19<sup>th</sup> Avenue Municipal Solid Waste Landfill, October 2005.

URS, Annual Site Inspection for the 19<sup>th</sup> Ave Municipal Solid Waste Landfill, January 30, 2007.

URS, Exceedance Report for Arsenic in Monitoring Well I-4, 2<sup>nd</sup> Quarter 2006 thru 4<sup>th</sup> Quarter 2006, Letter from Natalie Chrisman Lazarr, P.E., URS, to Joseph P. Giudice, COP, March 8, 2007.

URS, Annual Site Inspection for the 19<sup>th</sup> Ave Municipal Solid Waste Landfill, January 31, 2008.

URS, Annual Site Inspection for the 19<sup>th</sup> Ave Municipal Solid Waste Landfill, December 12, 2008.