

References

For further technical information regarding the NIBW Site and NIBW Site remedial action program please see the following reports and reference material.

Central Groundwater Treatment Facility

CH2M Hill. 1998a. *Health risk assessment for Scottsdale Central Groundwater Treatment Facility, North Indian Bend Wash Superfund Site, Scottsdale, Arizona.* December.

———. 1998b. *VOC emissions study report for Central Groundwater Treatment Facility at North Indian Bend Wash Superfund Site, Scottsdale, Arizona.* December.

City of Scottsdale. 1996. *COS 1995 annual water production report.* Submitted to Arizona Department of Water Resources. April 26.

———. In progress. *Central Groundwater Treatment Facility Operation & Maintenance Plan.*

Harding Lawson Associates. 1999. *Final construction report, modifications to the Central Groundwater Treatment Facility, Scottsdale, Arizona.* February 8.

———. 1999b. *Column No. 2 and No. 3 draft construction drawings.* November 9.

———. 2000. *Final construction report, modifications to Columns 2 and 3 of the Central Groundwater Treatment Facility.* August 16.

Levine-Fricke (LF). 1997h. *Results from April 1997 spinner logging and water sampling of the Scottsdale operable unit water treatment facility wells, Scottsdale, Arizona.* July 3.

———. 1998b. *Letter report to EPA Re: COS Well 75 Abandonment.* March 28.

Metcalf & Eddy, Inc. 1994. *Report of completion for the City of Scottsdale Central Groundwater Treatment Plant.*

M&A (Errol L. Montgomery & Associates, Inc.). 1997c. *Spinner logging and depth sampling at operable unit extraction wells, data acquisition program summary.* April 25.

———. 1998a. *Construction, development, and testing of production water Well (A-2-4)23ddd5 [COS75A], North Indian Bend Wash Superfund Site, Maricopa County, Arizona.* November 9.

———. 1998b. *Field data submittal.* November 11.

Participating Companies (PCs). 1997a. *Work plan, proposed modifications Central Groundwater Treatment Facility, Scottsdale, Arizona.*

———. 1998c. *Sampling and analysis plan, Central Groundwater Treatment Facility.*

———. 1998d. *Updated results of sampling and analysis, Central Groundwater Treatment Facility modifications, Scottsdale, Arizona.*

———. 2000b. *Updated results of sampling and analysis Central Groundwater Treatment Facility Columns 2 and 3 modifications.* June 30.

Environmental Protection Agency Investigations/Administrative Actions

CH2M Hill. 1991. *North Indian Bend Wash remedial investigation/feasibility study (RI/FS) report, public comment draft, EPA Contract # 68-W9-0031.* April.

Malcom Pirnie. 1988. *Operable unit feasibility study for remediation of groundwater in the southern Scottsdale area, City of Scottsdale, Arizona.* City Project No. W-8501.

U.S. Environmental Protection Agency. 1988a. *Final Record of Decision, Scottsdale ground water operable unit, Indian Bend Wash Superfund Site, Scottsdale, Arizona.* September.

———. 1991b. *Record of decision, North Indian Bend Wash Superfund Site.* September.

———. 1992. *Indian Bend Wash Superfund Site, Scottsdale and Tempe, Arizona: community relations plan.* January 31.

U.S. District Court, District of Arizona. 1992. *Consent decree, CIV-91-1835-PHX-WPC,* April 28.

———. 1993. *Consent decree, CIV 92-2314 PHX PGR,* August 11.

Feasibility Study Addendum Work Products

Harding Lawson Associates. 1997. *Interim site characterization data submittal, feasibility study addendum, North Indian Bend Wash Superfund Site*. August 28.

Participating Companies (PCs). 1998b. *North Indian Bend Wash feasibility study addendum groundwater model draft report*. August 7.

———. 1999b *Draft Feasibility Study Addendum, North Indian Bend Wash Superfund Site, Scottsdale, Arizona*. March 29.

———. 1999c. *North Indian Bend Wash Feasibility Study Addendum groundwater model final report*. April 23.

———. 2000. *Feasibility Study Addendum, North Indian Bend Wash Superfund Site, Scottsdale, Arizona*. November 15.

Geology and Hydrology

Arteaga, F.E., N.D. White, M.E. Cooley, and A.F. Sutheimer. 1968. *Ground water in Paradise Valley Maricopa County, Arizona: United States Geologic Survey/Arizona State Land Department Water-Resources Report Number Thirty-Five*.

Laney, R.L. and M.E. Hahn. 1986. *Hydrogeology of the eastern part of the Salt River Valley Area, Maricopa and Pima Counties, Arizona*.

Schumann and Associates. 1998. *The potential for land subsidence in the North Indian Bend Wash (NIBW) Site, Scottsdale, Arizona*. October 16.

U.S. Geological Survey (USGS). 1986. *Hydrogeology of the eastern part of the Salt River Valley Area, Maricopa and Pima Counties, Arizona*.

Groundwater Monitoring and Site Characterization

Levine-Fricke (LF). 1997c. *Area 11 soil-vapor survey report, North Indian Bend Wash, Scottsdale, Arizona*. March 20.

———. 1997f. *Results of well installation and well surveys, Salt River Pima - Maricopa Indian Community, Scottsdale, Arizona*. June 17.

———. 1998a. *Lower-middle alluvial unit investigation report, North Indian Bend Wash (NIBW), Scottsdale, Arizona*. January 16.

M&A (Errol L. Montgomery & Associates, Inc.). 1987. *Results of 10-day middle alluvium unit aquifer test, February – March 1987, Indian Bend Wash Area, Maricopa County, Arizona*. November 20.

———. 1988. *Results of phase II, stage I, RI/FS fluid movement investigations for selected production water wells, Indian Bend Wash Area, Maricopa County, Arizona*. April 1.

———. 1991. *Installation of three groundwater monitor wells, Area 6, Area 7, and Area 8, North Indian Bend Wash Superfund Site, Scottsdale, Arizona*. October 2.

———. 1992. *Installation of two lower alluvium unit groundwater monitor wells, North Indian Bend Wash Superfund Site, Scottsdale, Arizona*. April 2.

———. 1995a. *Summary of field data, North Indian Bend Wash Area, April 1994 to May 1995*.

———. 1995c. *Summary of field data update, North Indian Bend Wash Area, June 1995 through October 1995*. November 9.

———. 1997d. *Proposal for groundwater testing and sampling plan for City of Scottsdale production water Well COS25*. June 10.

Participating Companies (PCs). 1994. NIBW PCs memorandum to EPA, Re: Updated Combined NIBW Groundwater Monitoring Program. March 30.

Salt River Project (SRP). 1990a. *Field and laboratory operations plan for installation and hydrogeologic investigations, phase A monitor wells, North Indian Bend Wash Area*. January 19.

———. 1990b. *Well completion report for monitor well installation and hydrogeologic investigations, phase A monitor Wells PA-1MA through PA-12LA (sic), North Indian Bend Wash, Maricopa County, Arizona*. November 30.

———. 1991. *Monitoring well installation summary report for monitor well installation and hydrogeologic investigations, phase A monitor Wells PA-13LA through PA-23MA, North Indian Bend Wash, Maricopa County, Arizona*. February.

———. 1992a. *Quality assurance project plan for groundwater monitoring program, Indian Bend Wash Area, Scottsdale, Arizona*. October.

———. 1992b. *Sampling and analysis plan, monitor well installation and groundwater monitoring program, North Indian Bend Wash Area*. October.

———. 1993c. *North Indian Bend Wash Area C monitoring well installation summary report*. December.

———. 1997a. *Area A monitoring well installation summary report*. January.

———. 1997b. *Area B monitoring well installation summary report*.

South Pass Resources, Inc. 1994. *North Indian Bend Wash phase A summary report*. June 18.

Miller Road Treatment Facility

M&A (Errol L. Montgomery & Associates, Inc.). 1997e. *North Indian Bend Wash Participating Companies and Paradise Valley Water Company agreement, phased technical solution construction decision process, phase II hydrogeologic data analysis report*. June 23.

———. 1998c. *Construction, development, and testing of production water Well (A-2-4)14cda2[PCX-1; 22.5E,9.3N], North Indian Bend Wash, Maricopa County, Arizona*. November 18.

Paradise Valley Water Company. 1998. *Paradise Valley Water Company, Arizona Department of Water Resources 1997 annual report*. March 27.

Participating Companies (PCs). 1995. *North Indian Bend Wash Participating Companies and Paradise Valley Water Company agreement, phased technical solution construction decision process, phase I hydrogeologic data analysis draft report*. October 20.

———. 1997b. *Draft proposal: groundwater monitoring, North Indian Bend Wash Participating Companies and Paradise Valley Water Company phased technical solution decision process*. April 9.

Motorola Area 12 Remedial Action Program

M&A (Errol L. Montgomery & Associates, Inc.). 1994a. *Vadose zone investigations and groundwater threat calculations report, Area 12, North Indian Bend Wash Superfund Site, Maricopa County, Arizona*. April 12.

- . 1995b. *Soil venting design analysis report, Area 12 vadose zone remediation, North Indian Bend Wash Superfund Site, Maricopa County, Arizona*. June 22.
- . 1996. *Soil venting design report, Area 12 vadose zone remediation, North Indian Bend Wash, Superfund Site, Maricopa County, Arizona*. January 16.
- . 1997b. *Work plan for Area 12 middle alluvium unit groundwater source control program, North Indian Bend Wash Area*. February 6.
- . 1999. *Construction, development, and testing of extraction Well (A-1-4)1bba4[MEX-1MA], North Indian Bend Wash Area, Maricopa County, Arizona*. March 25.
- Motorola. 1997a. *NIBW Area 12 SVE startup summary report*. January 30.
- . 1997b. *NIBW Area 12 SVE system semi-annual operation and evaluation report*. September 12.
- . 1998a. *NIBW Area 12 SVE system semi-annual operation and evaluation report*. February 13.
- . 1998b. *NIBW Area 12 SVE system semi-annual operation and evaluation report*. August 21.
- . 1998c. *NIBW Area 12 Groundwater Treatment System, Operations and Maintenance Manual*. December 21.
- . 1999a. *Area 12 GWETS Sampling and Analysis Plan/Quality Assurance Project Plan*. January 21.
- . 1999b. *First Performance Test Report, NIBW Area 12 GWETS, Scottsdale, Arizona*. April.
- . 1999c. *Interim Operations Report, NIBW Area 12 GWETS, Scottsdale, Arizona*. December 15.
- . 2000a. *Second and Third Performance Test Report, NIBW Area 12 GWETS, Scottsdale, Arizona*. February 6.
- . 2000b. *North Indian Bend Wash Area 12 Soil Vapor Extraction System Remedial Action Report*. May 5.
- . 2000c. *NIBW Area 12 Soil Vapor Extraction System Decommissioning Plan*. August 25.

———. 2000d. *Area 12 Groundwater and Extraction Treatment System Interim Remedial Action Report*. September 18.

———. 2000e. *Decommissioning Plan for Area 12 Soil Vapor Extraction System, North Indian Bend Wash Superfund Site, Scottsdale, Arizona (response to comments)*. December 14.

NIBW Area Remedial Investigations

Levine-Fricke-Recon (LFR). 1994a. *Work plan to estimate total VOC mass and VOC mass flux in the saturated portion of the upper alluvial unit at the North Indian Bend Wash Site, Scottsdale, Arizona*. February 16.

———. 1996a. (*sic* – Actual publication date 1997) *Work plan to estimate VOC mass and VOC mass flux in the saturated portion of the upper alluvial unit, North Indian Bend Wash Site, Scottsdale, Arizona*. January 21.

M&A (Errol L. Montgomery & Associates, Inc.). 1993. *Vadose zone investigation and groundwater threat calculations report Area 5C, North Indian Bend Wash Superfund Site, Maricopa County, Arizona*. December 22.

———. 1994b. *Vadose zone investigation and groundwater threat calculations report, Area 11, North Indian Bend Wash Superfund Site, Maricopa County, Arizona*. July 26.

———. 1997a. *Proposal: analysis of potential conduit wells, North Indian Bend Wash Area*. January 31.

Participating Companies (PCs). 1998a. *Analysis of potential conduit wells, North Indian Bend Wash Area, Maricopa County, Arizona*. November 3.

Tracer Research Corporation. 1992. *Shallow soil gas investigation, North Indian Bend Wash Area 5A, Scottsdale, Arizona*. October 15-16.

Salt River Project (SRP). 1993a. *Area 5B vadose zone investigation and ground water threat calculations report*. May.

———. 1993b. *Area 9 vadose zone investigation and ground water threat calculations report*. May.

Siemens Area 7 Remedial Action Program

- Levine-Fricke (LF). 1993a. *Soil-vapor extraction design analysis report, North Indian Bend Wash – Area 7, Scottsdale, Arizona*. July 14.
- . 1993b. *Soil-vapor extraction design report, North Indian Bend Wash - Area 7, Scottsdale, Arizona*. December 10.
- . 1993c. *Work plan to extract and treat upper alluvial unit groundwater, Area 7 of the North Indian Bend Wash Superfund site, Scottsdale, Arizona*. December 23.
- . 1994d. *Installation report, soil-vapor and groundwater extraction and treatment system, Area 7, North Indian Bend Wash, Scottsdale, Arizona*. September 14.
- . 1995a. *Semi-annual operation and evaluation report, North Indian Bend Wash - Area 7, soil vapor extraction and treatment system, Scottsdale, Arizona*. May 26.
- . 1996c. *Semi-annual operation and evaluation report, North Indian Bend Wash - Area 7, soil vapor extraction and treatment system, Scottsdale, Arizona*. February 29.
- . 1996d. *Work plan to extract and treat middle alluvial unit ground-water, North Indian Bend Wash Area 7, Scottsdale, Arizona*. March 8.
- . 1996e. *Semi-annual operation and evaluation report, North Indian Bend Wash - Area 7, soil vapor extraction and treatment system, Scottsdale, Arizona*. July 25.
- . 1997a. *Semi-annual operation and evaluation report North Indian Bend Wash - Area 7, soil -vapor/groundwater extraction and treatment system (March 29, 1996 through October 1, 1996)*. January 29.
- . 1997d. *Design report, North Indian Bend Wash - Area 7, MAU groundwater extraction and treatment system*. April 3.
- . 1997g. *Semi-annual operation and evaluation report, North Indian Bend Wash – Area 7, soil-vapor/groundwater extraction and treatment system (October 1, 1996 through April 1, 1997)*. June 24.
- . 1997i. *Addendum to NIBW Area 7 MAU groundwater extraction and treatment system design report*. October 10.
- . 1998c. *Semi-annual operation and evaluation report, North Indian Bend Wash – Area 7, soil vapor groundwater extraction and treatment system*. June.

Siemens Area 8 Remedial Action Program

Levine-Fricke (LF). 1993d. *Soil-vapor extraction design analysis report North Indian Bend Wash - Area 8, Scottsdale, Arizona*. December 28.

———. 1994b. *Soil-vapor extraction design report, North Indian Bend Wash Area 8, Scottsdale, Arizona*. May 6.

———. 1996b. *Installation report, soil-vapor extraction and treatment system, Area 8, North Indian Bend Wash, Scottsdale, Arizona*. February 8.

———. 1996f. *Semi-annual operation and evaluation report, North Indian Bend Wash Area 8, soil-vapor extraction and treatment system, Scottsdale, Arizona*. July 26.

———. 1997b. *Semi-annual operation and evaluation report, North Indian Bend Wash - Area 8, soil-vapor extraction and treatment system (March 28, 1996 through October 2, 1996)*. January 29.

———. 1997e. *Semi-annual operation and evaluation report, North Indian Bend Wash - Area 8, soil-vapor extraction and treatment system (October 2, 1996 through April 2, 1997)*. June 3.