APPENDIX D

ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Appendix D

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,1,1,2-TETRACHLOROETHANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,1,1-TRICHLOROETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,1,2,2-TETRACHLOROETHANE	< 0.28	UG/L	0.28	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	**11**	UG/L	0.2	=	J	4L,5
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	**13**	UG/L	0.2	=	J	4L,5
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,1,2-TRICHLOROETHANE	< 0.23	UG/L	0.23	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,1-DICHLOROETHANE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,1-DICHLOROETHENE	**0.69**	UG/L	0.15	TR	J	T
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,1-DICHLOROETHENE	**0.7**	UG/L	0.15	TR	J	T
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,1-DICHLOROETHENE	**0.74**	UG/L	0.15	TR	J	T
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,1-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,1-DICHLOROPROPENE	< 0.22	UG/L	0.22	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,2,3-TRICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,2,3-TRICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,2,4-TRICHLOROBENZENE	< 0.2	UG/L	0.2	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	**0.21**	UG/L	0.14	TR	J	T
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	**0.27**	UG/L	0.14	TR	J	T
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	**0.4**	UG/L	0.14	TR	J	T
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	**0.75**	UG/L	0.14	TR	J	T
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,2,4-TRIMETHYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	< 0.5	UG/L	0.5	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.16	UG/L	0.16	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,2-DICHLOROBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,2-DICHLOROETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,2-DICHLOROPROPANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,3,5-TRIMETHYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17.	UG/L	0.17	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,3-DICHLOROBENZENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,3-DICHLOROPROPANE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	1,4-DICHLOROBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	2,2-DICHLOROPROPANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	2-CHLOROTOLUENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	2-HEXANONE	< 1	UG/L	1	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	4-CHLOROTOLUENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	ACETONE	22	UG/L	1.9	=	-	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	ACETONE	**9.4**	UG/L	1.9	TR	J	T
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	UJ	4L
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	ACETONE	**3.8**	UG/L	1.9	TR	J	T
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	ACETONE	< 1.9	UG/L	1.9	ND	UJ	4L
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	ALUMINUM	< 0.0612	MG/L	0.0612	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	ALUMINUM	< 0.0612	MG/L	0.0612	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	ALUMINUM	< 0.0612	MG/L	0.0612	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	ALUMINUM	< 0.0612	MG/L	0.0612	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	ALUMINUM	< 0.0612	MG/L	0.0612	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	ALUMINUM	< 0.0612	MG/L	0.0612	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	ALUMINUM	< 0.0612	MG/L	0.0612	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	ALUMINUM	< 0.0612	MG/L	0.0612	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	ALUMINUM	**1.62**	MG/L	0.0612	=	-	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	ALUMINUM	< 0.0612	MG/L	0.0612	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	ALUMINUM	**0.559**	MG/L	0.0612	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	ALUMINUM	< 0.0612	MG/L	0.0612	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	ALUMINUM	< 0.0612	MG/L	0.0612	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	ALUMINUM	< 0.0612	MG/L	0.0612	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	ALUMINUM	< 0.0612	MG/L	0.0612	ND	U	8
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	ALUMINUM	**0.449**	MG/L	0.0612	=	-	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW7041	ANTIMONY	< 0.0025	MG/L	0.0025	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW7041	ANTIMONY	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW7041	ANTIMONY	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW7041	ANTIMONY	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW7041	ANTIMONY	< 0.0025	MG/L	0.0025	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW7041	ANTIMONY	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW7041	ANTIMONY	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW7041	ANTIMONY	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW7041	ANTIMONY	< 0.0025	MG/L	0.0025	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW7041	ANTIMONY	< 0.005	MG/L	0.005	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW7041	ANTIMONY	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW7041	ANTIMONY	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW7041	ANTIMONY	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW7041	ANTIMONY	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW7041	ANTIMONY	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW7041	ANTIMONY	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	ARSENIC	**0.0186**	MG/L	0.0036	=	-	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	ARSENIC	**0.0121**	MG/L	0.0036	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	ARSENIC	**0.0115**	MG/L	0.0036	=	-	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	ARSENIC	**0.0107**	MG/L	0.0036	=	-	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	ARSENIC	**0.0514**	MG/L	0.0036	=	-	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	ARSENIC	**0.0353**	MG/L	0.0036	=	-	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	ARSENIC	**0.0188**	MG/L	0.0036	=	-	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW7060A	ARSENIC	< 0.0012	MG/L	0.0012	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	ARSENIC	**0.00999**	MG/L	0.0036	TR	J	T
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	ARSENIC	< 0.0036	MG/L	0.0036	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	ARSENIC	**0.0119**	MG/L	0.0036	=	-	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW7060A	ARSENIC	**0.00449**	MG/L	0.0012	=	-	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW7060A	ARSENIC	< 0.0012	MG/L	0.0012	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW7060A	ARSENIC	< 0.0012	MG/L	0.0012	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW7060A	ARSENIC	< 0.0012	MG/L	0.0012	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW7060A	ARSENIC	< 0.0012	MG/L	0.0012	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	BARIUM	**0.196**	MG/L	0.0015	=	-	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	BARIUM	**0.282**	MG/L	0.0015	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	BARIUM	**0.264**	MG/L	0.0015	=	-	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	BARIUM	**0.26**	MG/L	0.0015	=	-	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	BARIUM	**0.512**	MG/L	0.0015	=	-	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	BARIUM	**1.34**	MG/L	0.0015	=	-	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	BARIUM	**0.265**	MG/L	0.0015	=	-	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	BARIUM	**0.41**	MG/L	0.0015	=	-	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	BARIUM	**0.151**	MG/L	0.0015	=	-	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	BARIUM	**0.0508**	MG/L	0.0015	=	-	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	BARIUM	**0.169**	MG/L	0.0015	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	BARIUM	**0.0494**	MG/L	0.0015	=	-	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	BARIUM	**0.111**	MG/L	0.0015	=	-	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	BARIUM	**0.157**	MG/L	0.0015	=	-	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	BARIUM	**0.188**	MG/L	0.0015	=	-	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	BARIUM	**0.185**	MG/L	0.0015	=	-	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	BENZENE	0.27	UG/L	0.18	TR	J	T
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	BENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	BERYLLIUM	< 0.0005	MG/L	0.0005	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	BROMOBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	BROMOCHLOROMETHANE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	BROMODICHLOROMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	BROMOFORM	< 0.22	UG/L	0.22	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	BROMOMETHANE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	CADMIUM	**0.00407**	MG/L	0.0007	TR	J	T
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	CADMIUM	< 0.0007	MG/L	0.0007	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	CALCIUM	**215**	MG/L	0.0318	=	-	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	CALCIUM	**170**	MG/L	0.0318	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	CALCIUM	**159**	MG/L	0.0318	=	-	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	CALCIUM	**157**	MG/L	0.0318	=	-	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	CALCIUM	**542**	MG/L	0.0318	=	-	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	CALCIUM	**247**	MG/L	0.0318	=	-	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	CALCIUM	**197**	MG/L	0.0318	=	-	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	CALCIUM	**110**	MG/L	0.0318	=	-	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	CALCIUM	**747**	MG/L	0.0318	=	-	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	CALCIUM	**1940**	MG/L	3.18	=	-	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	CALCIUM	**255**	MG/L	0.0318	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	CALCIUM	**36.7**	MG/L	0.0318	=	-	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	CALCIUM	**144**	MG/L	0.0318	=	-	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	CALCIUM	**96.9**	MG/L	0.0318	=	-	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	CALCIUM	**144**	MG/L	0.0318	=	-	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	CALCIUM	**146**	MG/L	0.0318	=	-	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	CARBON DISULFIDE	**3.9**	UG/L	0.13	=	-	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	CARBON DISULFIDE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	CARBON TETRACHLORIDE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	E300	CHLORIDE	5930	MG/L	25	=	-	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	E300	CHLORIDE	4760	MG/L	25	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	E300	CHLORIDE	4710	MG/L	25	=	-	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	E300	CHLORIDE	4680	MG/L	25	=	-	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	E300	CHLORIDE	11300	MG/L	125	=	-	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	E300	CHLORIDE	2190	MG/L	12.5	=	-	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	E300	CHLORIDE	5760	MG/L	25	=	-	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	E300	CHLORIDE	49	MG/L	0.25	=	-	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	E300	CHLORIDE	11700	MG/L	50	=	-	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	E300	CHLORIDE	40100	MG/L	125	=	-	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	E300	CHLORIDE	4440	MG/L	25	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	E300	CHLORIDE	122	MG/L	0.625	=	-	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	E300	CHLORIDE	27.3	MG/L	0.125	=	-	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	E300	CHLORIDE	63.5	MG/L	0.625	=	-	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	E300	CHLORIDE	97	MG/L	0.625	=	-	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	E300	CHLORIDE	98.5	MG/L	0.625	=	-	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	CHLOROBENZENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	CHLOROETHANE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	CHLOROFORM	**0.49**	UG/L	0.12	TR	J	T
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	CHLOROFORM	**2.7**	UG/L	0.12	=	-	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	CHLOROFORM	< 0.12	UG/L	0.12	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	CHLOROMETHANE	< 0.4	UG/L	0.4	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	CHROMIUM	**0.0151**	MG/L	0.0059	TR	J	T
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	CHROMIUM	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	cis-1,2-DICHLOROETHENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	cis-1,2-DICHLOROETHENE	**130**	UG/L	3.3	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	cis-1,2-DICHLOROETHENE	**150**	UG/L	3.3	=	-	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	cis-1,2-DICHLOROETHENE	**140**	UG/L	3.3	=	-	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	cis-1,2-DICHLOROETHENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	cis-1,2-DICHLOROETHENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	cis-1,2-DICHLOROETHENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	cis-1,2-DICHLOROETHENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	cis-1,2-DICHLOROETHENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	cis-1,2-DICHLOROETHENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	cis-1,2-DICHLOROETHENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	cis-1,2-DICHLOROETHENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	cis-1,2-DICHLOROETHENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	cis-1,2-DICHLOROETHENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	cis-1,2-DICHLOROETHENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	cis-1,2-DICHLOROETHENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	cis-1,3-DICHLOROPROPENE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	COBALT	**0.00619**	MG/L	0.0059	TR	J	T
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	COBALT	**0.00868**	MG/L	0.0059	TR	J+	M,T
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	COBALT	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	COBALT	**0.00686**	MG/L	0.0059	TR	J+	M,T
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	COBALT	< 0.0059	MG/L	0.0059	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	COBALT	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	COBALT	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	COBALT	< 0.0059	MG/L	0.0059	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	COBALT	**0.0357**	MG/L	0.0059	=	J-	M
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	COBALT	**0.0169**	MG/L	0.0059	TR	J+	M,T
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	COBALT	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	COBALT	< 0.0059	MG/L	0.0059	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	COBALT	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	COBALT	< 0.0059	MG/L	0.0059	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	COBALT	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	COBALT	< 0.0059	MG/L	0.0059	ND	UJ	M
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	COPPER	< 0.0046	MG/L	0.0046	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	DIBROMOCHLOROMETHANE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	DIBROMOMETHANE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	DICHLORODIFLUOROMETHANE	< 0.42	UG/L	0.42	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8015B	DIESEL (C10-C24)	< 20	UG/L	20	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8015B	DIESEL (C10-C24)	< 20	UG/L	20	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8015B	DIESEL (C10-C24)	< 21	UG/L	21	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8015B	DIESEL (C10-C24)	< 21	UG/L	21	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8015B	DIESEL (C10-C24)	< 20	UG/L	20	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8015B	DIESEL (C10-C24)	< 21	UG/L	21	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8015B	DIESEL (C10-C24)	< 23	UG/L	23	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8015B	DIESEL (C10-C24)	< 20	UG/L	20	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8015B	DIESEL (C10-C24)	< 20	UG/L	20	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8015B	DIESEL (C10-C24)	< 20	UG/L	20	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8015B	DIESEL (C10-C24)	< 21	UG/L	21	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8015B	DIESEL (C10-C24)	< 20	UG/L	20	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8015B	DIESEL (C10-C24)	< 21	UG/L	21	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8015B	DIESEL (C10-C24)	< 21	UG/L	21	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8015B	DIESEL (C10-C24)	< 21	UG/L	21	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8015B	DIESEL (C10-C24)	< 21	UG/L	21	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	ETHYL tert-BUTYL ETHER	< 0.12	UG/L	0.12	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	ETHYLBENZENE	**0.29**	UG/L	0.11	TR	J	T
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	ETHYLBENZENE	**0.52**	UG/L	0.11	TR	J	T
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	ETHYLBENZENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8015B	GASOLINE (~C6-C10)	< 6	UG/L	6	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8015B	GASOLINE (~C6-C10)	**10**	UG/L	6	TR	J	T
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8015B	GASOLINE (~C6-C10)	**8.5**	UG/L	6	TR	J	T
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8015B	GASOLINE (~C6-C10)	**6.1**	UG/L	6	TR	J	T
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8015B	GASOLINE (~C6-C10)	< 6	UG/L	6	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8015B	GASOLINE (~C6-C10)	< 6	UG/L	6	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8015B	GASOLINE (~C6-C10)	**9.6**	UG/L	6	TR	J	T
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8015B	GASOLINE (~C6-C10)	< 6	UG/L	6	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8015B	GASOLINE (~C6-C10)	< 6	UG/L	6	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8015B	GASOLINE (~C6-C10)	< 6	UG/L	6	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8015B	GASOLINE (~C6-C10)	**21**	UG/L	6	TR	J	T
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8015B	GASOLINE (~C6-C10)	< 6	UG/L	6	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8015B	GASOLINE (~C6-C10)	< 6	UG/L	6	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8015B	GASOLINE (~C6-C10)	< 6	UG/L	6	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8015B	GASOLINE (~C6-C10)	< 6	UG/L	6	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8015B	GASOLINE (~C6-C10)	< 6	UG/L	6	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	HEXACHLOROBUTADIENE	< 0.19	UG/L	0.19	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	IODOMETHANE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	IRON	**1.07**	MG/L	0.025	=	-	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	IRON	**11.1**	MG/L	0.025	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	IRON	**10.3**	MG/L	0.025	=	-	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	IRON	**10.2**	MG/L	0.025	=	-	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	IRON	**17.6**	MG/L	0.025	=	-	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	IRON	**34**	MG/L	0.025	=	-	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	IRON	**0.706**	MG/L	0.025	TR	J	T
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	IRON	< 0.025	MG/L	0.025	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	IRON	**10.2**	MG/L	0.025	=	-	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	IRON	< 0.025	MG/L	0.025	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	IRON	**1.81**	MG/L	0.025	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	IRON	**0.0369**	MG/L	0.025	TR	J	T

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	IRON	**0.0311**	MG/L	0.025	TR	J	T
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	IRON	< 0.025	MG/L	0.025	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	IRON	< 0.025	MG/L	0.025	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	IRON	**0.631**	MG/L	0.025	TR	J	T
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	ISOPROPYL ETHER	**2.8**	UG/L	0.13	TR	J	T
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	ISOPROPYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	ISOPROPYLBENZENE	< 0.16	UG/L	0.16	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	LEAD	< 0.002	MG/L	0.002	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	m,p-XYLENE	< 0.24	UG/L	0.24	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	m,p-XYLENE	0.57	UG/L	0.24	TR	J	T

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	m,p-XYLENE	0.66	UG/L	0.24	TR	J	T
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	m,p-XYLENE	0.28	UG/L	0.24	TR	J	T
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	m,p-XYLENE	< 0.24	UG/L	0.24	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	m,p-XYLENE	< 0.24	UG/L	0.24	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	m,p-XYLENE	1.2	UG/L	0.24	TR	J	T
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	m,p-XYLENE	< 0.24	UG/L	0.24	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	m,p-XYLENE	< 0.24	UG/L	0.24	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	m,p-XYLENE	< 0.24	UG/L	0.24	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	m,p-XYLENE	2.5	UG/L	0.24	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	m,p-XYLENE	< 0.24	UG/L	0.24	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	m,p-XYLENE	< 0.24	UG/L	0.24	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	m,p-XYLENE	< 0.24	UG/L	0.24	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	m,p-XYLENE	< 0.24	UG/L	0.24	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	m,p-XYLENE	< 0.24	UG/L	0.24	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	MAGNESIUM	454	MG/L	0.0544	=	-	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	MAGNESIUM	250	MG/L	0.0544	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	MAGNESIUM	235	MG/L	0.0544	=	-	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	MAGNESIUM	233	MG/L	0.0544	=	-	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	MAGNESIUM	1280	MG/L	0.544	=	-	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	MAGNESIUM	229	MG/L	0.0544	=	-	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	MAGNESIUM	405	MG/L	0.0544	=	-	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	MAGNESIUM	34	MG/L	0.0544	=	-	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	MAGNESIUM	933	MG/L	0.0544	=	-	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	MAGNESIUM	3340	MG/L	5.44	=	-	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	MAGNESIUM	389	MG/L	0.0544	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	MAGNESIUM	32.7	MG/L	0.0544	=	-	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	MAGNESIUM	78.9	MG/L	0.0544	=	-	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	MAGNESIUM	51	MG/L	0.0544	=	-	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	MAGNESIUM	67.5	MG/L	0.0544	=	-	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	MAGNESIUM	67.8	MG/L	0.0544	=	-	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	MANGANESE	1.85	MG/L	0.0015	=	-	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	MANGANESE	2.82	MG/L	0.0015	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	MANGANESE	2.64	MG/L	0.0015	=	-	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	MANGANESE	2.57	MG/L	0.0015	=	-	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	MANGANESE	3.94	MG/L	0.0015	=	-	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	MANGANESE	5.75	MG/L	0.0015	=	-	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	MANGANESE	1.76	MG/L	0.0015	=	-	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	MANGANESE	0.00168	MG/L	0.0015	TR	J	T
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	MANGANESE	21.3	MG/L	0.0015	=	-	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	MANGANESE	30.7	MG/L	0.0015	=	-	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	MANGANESE	3.42	MG/L	0.0015	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	MANGANESE	0.0271	MG/L	0.0015	TR	J	T
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	MANGANESE	0.416	MG/L	0.0015	=	-	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	MANGANESE	0.0427	MG/L	0.0015	TR	J	T
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	MANGANESE	0.112	MG/L	0.0015	=	-	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	MANGANESE	0.154	MG/L	0.0015	=	-	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW7470A	MERCURY	< 0.00015	MG/L	0.00015	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	METHYL ETHYL KETONE	< 1.8	UG/L	1.8	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	METHYL ETHYL KETONE	< 1.8	UG/L	1.8	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	METHYL ETHYL KETONE	< 1.8	UG/L	1.8	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	METHYL ETHYL KETONE	< 1.8	UG/L	1.8	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	METHYL ETHYL KETONE	**9.2**	UG/L	1.8	TR	J	T
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	METHYL ETHYL KETONE	< 1.8	UG/L	1.8	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	METHYL ETHYL KETONE	**3.2**	UG/L	1.8	TR	J	T
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	METHYL ETHYL KETONE	< 1.8	UG/L	1.8	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	METHYL ETHYL KETONE	< 1.8	UG/L	1.8	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	METHYL ETHYL KETONE	**3.4**	UG/L	1.8	TR	J	T
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	METHYL ETHYL KETONE	< 1.8	UG/L	1.8	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	METHYL ETHYL KETONE	< 1.8	UG/L	1.8	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	METHYL ETHYL KETONE	< 1.8	UG/L	1.8	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	METHYL ETHYL KETONE	< 1.8	UG/L	1.8	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	METHYL ETHYL KETONE	< 1.8	UG/L	1.8	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	METHYL ETHYL KETONE	< 1.8	UG/L	1.8	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	METHYL ISOBUTYL KETONE	< 1	UG/L	1	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	METHYL MERCAPTAN	11	UG/L	0	TI	NJ	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	METHYL tert-BUTYL ETHER	0.48	UG/L	0.13	TR	J	T
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	METHYL tert-BUTYL ETHER	1.1	UG/L	0.13	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	METHYL tert-BUTYL ETHER	< 0.13	UG/L	0.13	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	METHYLENE CHLORIDE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	MOLYBDENUM	< 0.0056	MG/L	0.0056	ND	UJ	M
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	MOLYBDENUM	< 0.0056	MG/L	0.0056	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	MOLYBDENUM	< 0.0056	MG/L	0.0056	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	MOLYBDENUM	< 0.0056	MG/L	0.0056	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	MOLYBDENUM	< 0.0056	MG/L	0.0056	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	MOLYBDENUM	**0.0128**	MG/L	0.0056	TR	J	T
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	MOLYBDENUM	**0.0211**	MG/L	0.0056	TR	J	T
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	MOLYBDENUM	< 0.0056	MG/L	0.0056	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	MOLYBDENUM	**0.028**	MG/L	0.0056	TR	J+	M,T
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	MOLYBDENUM	**0.0565**	MG/L	0.0056	TR	J	T
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	MOLYBDENUM	< 0.0056	MG/L	0.0056	ND	UJ	M
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	MOLYBDENUM	< 0.0056	MG/L	0.0056	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	MOLYBDENUM	< 0.0056	MG/L	0.0056	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	MOLYBDENUM	< 0.0056	MG/L	0.0056	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	MOLYBDENUM	< 0.0056	MG/L	0.0056	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	MOLYBDENUM	< 0.0056	MG/L	0.0056	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8015B	MOTOR OIL (C20-C36)	< 59	UG/L	59	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8015B	MOTOR OIL (C20-C36)	< 60	UG/L	60	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8015B	MOTOR OIL (C20-C36)	< 61	UG/L	61	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8015B	MOTOR OIL (C20-C36)	< 63	UG/L	63	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8015B	MOTOR OIL (C20-C36)	< 59	UG/L	59	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8015B	MOTOR OIL (C20-C36)	< 62	UG/L	62	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8015B	MOTOR OIL (C20-C36)	< 69	UG/L	69	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8015B	MOTOR OIL (C20-C36)	< 58	UG/L	58	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8015B	MOTOR OIL (C20-C36)	< 58	UG/L	58	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8015B	MOTOR OIL (C20-C36)	**64**	UG/L	58	TR	J	T
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8015B	MOTOR OIL (C20-C36)	< 62	UG/L	62	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8015B	MOTOR OIL (C20-C36)	< 58	UG/L	58	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8015B	MOTOR OIL (C20-C36)	< 62	UG/L	62	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8015B	MOTOR OIL (C20-C36)	< 62	UG/L	62	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8015B	MOTOR OIL (C20-C36)	< 63	UG/L	63	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8015B	MOTOR OIL (C20-C36)	**85**	UG/L	63	TR	J	T
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	NAPHTHALENE	**8.5**	UG/L	0.27	=	J+	S
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	NAPHTHALENE	< 0.27	UG/L	0.27	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	n-BUTYLBENZENE	< 0.14	UG/L	0.14	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	NICKEL	**0.0105**	MG/L	0.0079	TR	J	T
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	NICKEL	< 0.0079	MG/L	0.0079	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	NICKEL	< 0.0079	MG/L	0.0079	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	NICKEL	< 0.0079	MG/L	0.0079	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	NICKEL	< 0.0079	MG/L	0.0079	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	NICKEL	< 0.0079	MG/L	0.0079	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	NICKEL	< 0.0079	MG/L	0.0079	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	NICKEL	< 0.0079	MG/L	0.0079	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	NICKEL	< 0.0079	MG/L	0.0079	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	NICKEL	**0.0292**	MG/L	0.0079	TR	J	T
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	NICKEL	**0.0177**	MG/L	0.0079	TR	J	T
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	NICKEL	**0.0193**	MG/L	0.0079	TR	J	T
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	NICKEL	**0.0104**	MG/L	0.0079	TR	J	T
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	NICKEL	< 0.0079	MG/L	0.0079	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	NICKEL	< 0.0079	MG/L	0.0079	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	NICKEL	< 0.0079	MG/L	0.0079	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	E300	NITRATE (AS N)	< 0.0079	MG/L	0.0079	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	E300	NITRATE (AS N)	< 0.27	MG/L	0.27	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	E300	NITRATE (AS N)	< 0.27	MG/L	0.27	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	E300	NITRATE (AS N)	< 0.27	MG/L	0.27	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	E300	NITRATE (AS N)	< 0.27	MG/L	0.27	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	E300	NITRATE (AS N)	< 0.27	MG/L	0.27	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	E300	NITRATE (AS N)	< 0.27	MG/L	0.27	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	E300	NITRATE (AS N)	< 0.27	MG/L	0.27	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	E300	NITRATE (AS N)	< 0.27	MG/L	0.27	ND	U	-
						7.98	MG/L	0.135	=	-	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	E300	NITRATE (AS N)	1.37	MG/L	0.027	=	-	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	E300	NITRATE (AS N)	4.49	MG/L	0.135	=	-	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	E300	NITRATE (AS N)	15.2	MG/L	0.135	=	-	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	E300	NITRATE (AS N)	15.1	MG/L	0.135	=	-	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	E300	NITRATE-NITRITE (AS N)	9.38	MG/L	0.27	=	-	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	E300	NITRATE-NITRITE (AS N)	< 0.27	MG/L	0.27	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	E300	NITRATE-NITRITE (AS N)	0.7	MG/L	0.27	TR	J	T
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	E300	NITRITE (AS N)	< 0.525	MG/L	0.525	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	E300	NITRITE (AS N)	< 2.1	MG/L	2.1	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	E300	NITRITE (AS N)	< 2.1	MG/L	2.1	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	E300	NITRITE (AS N)	< 2.1	MG/L	2.1	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	E300	NITRITE (AS N)	< 0.525	MG/L	0.525	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	E300	NITRITE (AS N)	< 0.21	MG/L	0.21	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	E300	NITRITE (AS N)	< 2.1	MG/L	2.1	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	E300	NITRITE (AS N)	< 2.1	MG/L	2.1	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	E300	NITRITE (AS N)	< 0.105	MG/L	0.105	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	E300	NITRITE (AS N)	< 0.021	MG/L	0.021	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	E300	NITRITE (AS N)	< 0.105	MG/L	0.105	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	E300	NITRITE (AS N)	< 0.105	MG/L	0.105	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	E300	NITRITE (AS N)	< 0.105	MG/L	0.105	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	n-PROPYLBENZENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	o-XYLENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	o-XYLENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	o-XYLENE	**0.23**	UG/L	0.12	TR	J	T
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	o-XYLENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	o-XYLENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	o-XYLENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	o-XYLENE	**0.49**	UG/L	0.12	TR	J	T
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	o-XYLENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	o-XYLENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	o-XYLENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	o-XYLENE	**1**	UG/L	0.12	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	o-XYLENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	o-XYLENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	o-XYLENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	o-XYLENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	o-XYLENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	**9.6**	UG/L	0.18	=	-	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	P-CYMENE (p-ISOPROPYLTOLUENE)	< 0.18	UG/L	0.18	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	POTASSIUM	**101**	MG/L	0.712	=	-	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	POTASSIUM	**56.1**	MG/L	0.712	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	POTASSIUM	**52.6**	MG/L	0.712	=	-	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	POTASSIUM	**52.7**	MG/L	0.712	=	-	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	POTASSIUM	**135**	MG/L	0.712	=	-	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	POTASSIUM	**20.1**	MG/L	0.712	=	-	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	POTASSIUM	**110**	MG/L	0.712	=	-	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	POTASSIUM	**1.07**	MG/L	0.712	TR	J	T
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	POTASSIUM	**84.2**	MG/L	0.712	=	-	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	POTASSIUM	**134**	MG/L	0.712	=	-	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	POTASSIUM	**86.5**	MG/L	0.712	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	POTASSIUM	**3.44**	MG/L	0.712	TR	J	T
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	POTASSIUM	**1.72**	MG/L	0.712	TR	J	T

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	POTASSIUM	1.92	MG/L	0.712	TR	J	T
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	POTASSIUM	2.7	MG/L	0.712	TR	J	T
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	POTASSIUM	2.99	MG/L	0.712	TR	J	T
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	sec-BUTYLBENZENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	SELENIUM	< 0.0042	MG/L	0.0042	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	SELENIUM	< 0.0042	MG/L	0.0042	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	SELENIUM	< 0.0042	MG/L	0.0042	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	SELENIUM	< 0.0042	MG/L	0.0042	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	SELENIUM	< 0.0042	MG/L	0.0042	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	SELENIUM	< 0.0042	MG/L	0.0042	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	SELENIUM	< 0.0042	MG/L	0.0042	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW7740	SELENIUM	< 0.001	MG/L	0.001	ND	UJ	4L

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	SELENIUM	< 0.0042	MG/L	0.0042	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	SELENIUM	< 0.0042	MG/L	0.0042	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	SELENIUM	< 0.0042	MG/L	0.0042	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW7740	SELENIUM	< 0.001	MG/L	0.001	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW7740	SELENIUM	< 0.001	MG/L	0.001	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW7740	SELENIUM	< 0.001	MG/L	0.001	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW7740	SELENIUM	< 0.001	MG/L	0.001	ND	U	8
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW7740	SELENIUM	**0.00139**	MG/L	0.001	TR	J	T
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	SILVER	< 0.0112	MG/L	0.0112	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	SODIUM	**3950**	MG/L	0.618	=	-	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	SODIUM	**3090**	MG/L	0.618	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	SODIUM	**2820**	MG/L	0.618	=	-	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	SODIUM	2870	MG/L	0.618	=	-	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	SODIUM	6770	MG/L	0.618	=	-	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	SODIUM	1370	MG/L	0.618	=	-	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	SODIUM	3290	MG/L	0.618	=	-	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	SODIUM	93	MG/L	0.0618	=	-	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	SODIUM	5850	MG/L	0.618	=	-	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	SODIUM	20300	MG/L	6.18	=	-	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	SODIUM	3140	MG/L	0.618	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	SODIUM	314	MG/L	0.0618	=	-	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	SODIUM	79.8	MG/L	0.0618	=	-	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	SODIUM	72.9	MG/L	0.0618	=	-	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	SODIUM	55.8	MG/L	0.0618	=	-	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	SODIUM	57.9	MG/L	0.0618	=	-	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	STYRENE	< 0.11	UG/L	0.11	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	E300	SULFATE	23.8	MG/L	0.67	=	-	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	E300	SULFATE	46.3	MG/L	0.67	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	E300	SULFATE	47.9	MG/L	0.67	=	-	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	E300	SULFATE	48.9	MG/L	0.67	=	-	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	E300	SULFATE	262	MG/L	0.67	=	-	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	E300	SULFATE	66.5	MG/L	0.67	=	-	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	E300	SULFATE	72.7	MG/L	0.67	=	-	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	E300	SULFATE	91.4	MG/L	6.7	TR	J	1,T
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	E300	SULFATE	658	MG/L	33.5	=	J	1
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	E300	SULFATE	3390	MG/L	33.5	=	J	1
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	E300	SULFATE	23.7	MG/L	0.67	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	E300	SULFATE	132	MG/L	0.335	=	-	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	E300	SULFATE	125	MG/L	0.335	=	-	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	E300	SULFATE	77.8	MG/L	0.335	=	-	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	E300	SULFATE	45.8	MG/L	0.335	=	-	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	E300	SULFATE	46	MG/L	0.335	=	-	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	tert-AMYL METHYL ETHER	< 0.15	UG/L	0.15	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	tert-BUTYLBENZENE	< 0.13	UG/L	0.13	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	TETRACHLOROETHENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	TETRACHLOROETHENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	TETRACHLOROETHENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	TETRACHLOROETHENE	< 0.18	UG/L	0.18	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	TETRACHLOROETHENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	TETRACHLOROETHENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	TETRACHLOROETHENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	TETRACHLOROETHENE	0.21	UG/L	0.18	TR	J	T
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	TETRACHLOROETHENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	TETRACHLOROETHENE	0.5	UG/L	0.18	TR	J	T
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	TETRACHLOROETHENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	TETRACHLOROETHENE	0.37	UG/L	0.18	TR	J	T
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	TETRACHLOROETHENE	0.33	UG/L	0.18	TR	J	T
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	TETRACHLOROETHENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	TETRACHLOROETHENE	0.24	UG/L	0.18	TR	J	T
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	TETRACHLOROETHENE	0.27	UG/L	0.18	TR	J	T
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	THALLIUM	< 0.006	MG/L	0.006	ND	UJ	M
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	THALLIUM	< 0.006	MG/L	0.006	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	THALLIUM	< 0.006	MG/L	0.006	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	THALLIUM	< 0.006	MG/L	0.006	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	THALLIUM	< 0.006	MG/L	0.006	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	THALLIUM	< 0.006	MG/L	0.006	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	THALLIUM	< 0.006	MG/L	0.006	ND	UJ	M
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW7841	THALLIUM	< 0.0012	MG/L	0.0012	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	THALLIUM	< 0.006	MG/L	0.006	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	THALLIUM	< 0.006	MG/L	0.006	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	THALLIUM	< 0.006	MG/L	0.006	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW7841	THALLIUM	< 0.0012	MG/L	0.0012	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW7841	THALLIUM	< 0.0012	MG/L	0.0012	ND	UJ	S
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW7841	THALLIUM	< 0.0012	MG/L	0.0012	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW7841	THALLIUM	< 0.0012	MG/L	0.0012	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW7841	THALLIUM	< 0.0012	MG/L	0.0012	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	TIN	**0.037**	MG/L	0.0334	TR	J+	M,T
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	TIN	< 0.0334	MG/L	0.0334	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	TOLUENE	**0.34**	UG/L	0.12	TR	J	T
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	TOLUENE	**0.49**	UG/L	0.12	TR	J	T
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	TOLUENE	**0.24**	UG/L	0.12	TR	J	T
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	TOLUENE	1.1	UG/L	0.12	=	-	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	TOLUENE	2.3	UG/L	0.12	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	TOLUENE	< 0.12	UG/L	0.12	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	E160.1	TOTAL DISSOLVED SOLIDS	12100	MG/L	42	=	-	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	E160.1	TOTAL DISSOLVED SOLIDS	8830	MG/L	42	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	E160.1	TOTAL DISSOLVED SOLIDS	9250	MG/L	42	=	-	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	E160.1	TOTAL DISSOLVED SOLIDS	9270	MG/L	42	=	-	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	E160.1	TOTAL DISSOLVED SOLIDS	26000	MG/L	84	=	-	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	E160.1	TOTAL DISSOLVED SOLIDS	4940	MG/L	16.8	=	-	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	E160.1	TOTAL DISSOLVED SOLIDS	10600	MG/L	42	=	-	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	E160.1	TOTAL DISSOLVED SOLIDS	599	MG/L	4.2	=	-	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	E160.1	TOTAL DISSOLVED SOLIDS	20300	MG/L	84	=	-	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	E160.1	TOTAL DISSOLVED SOLIDS	65900	MG/L	210	=	-	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	E160.1	TOTAL DISSOLVED SOLIDS	9820	MG/L	42	=	-	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	E160.1	TOTAL DISSOLVED SOLIDS	906	MG/L	4.2	=	-	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	E160.1	TOTAL DISSOLVED SOLIDS	724	MG/L	4.2	=	-	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	E160.1	TOTAL DISSOLVED SOLIDS	565	MG/L	4.2	=	-	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	E160.1	TOTAL DISSOLVED SOLIDS	769	MG/L	4.2	=	-	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	E160.1	TOTAL DISSOLVED SOLIDS	745	MG/L	4.2	=	-	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	trans-1,2-DICHLOROETHENE	63	UG/L	3.8	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	trans-1,2-DICHLOROETHENE	72	UG/L	3.8	=	-	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	trans-1,2-DICHLOROETHENE	72	UG/L	3.8	=	-	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	trans-1,2-DICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	trans-1,3-DICHLOROPROPENE	< 0.18	UG/L	0.18	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	TRICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	TRICHLOROETHENE	1.8	UG/L	0.15	=	-	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	TRICHLOROETHENE	1.8	UG/L	0.15	=	-	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	TRICHLOROETHENE	1.7	UG/L	0.15	=	-	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	TRICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	TRICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	TRICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	TRICHLOROETHENE	5.7	UG/L	0.15	=	-	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	TRICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	TRICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	TRICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	TRICHLOROETHENE	15	UG/L	0.15	=	-	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	TRICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	TRICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	TRICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	TRICHLOROETHENE	< 0.15	UG/L	0.15	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	TRICHLOROFLUOROMETHANE	< 0.17	UG/L	0.17	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	VANADIUM	**0.00844**	MG/L	0.0035	TR	J	T
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	VANADIUM	< 0.0035	MG/L	0.0035	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	VANADIUM	< 0.0035	MG/L	0.0035	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	VANADIUM	< 0.0035	MG/L	0.0035	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	VANADIUM	**0.0169**	MG/L	0.0035	=	-	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	VANADIUM	< 0.0035	MG/L	0.0035	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	VANADIUM	**0.0292**	MG/L	0.0035	TR	J	Q,T
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	VANADIUM	< 0.0035	MG/L	0.0035	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	VANADIUM	**0.00995**	MG/L	0.0035	TR	J	Q,T
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	VANADIUM	**0.00596**	MG/L	0.0035	TR	J	Q,T
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	VANADIUM	**0.014**	MG/L	0.0035	TR	J	Q,T
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	VANADIUM	**0.012**	MG/L	0.0035	TR	J	Q,T
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	VANADIUM	< 0.0035	MG/L	0.0035	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	VANADIUM	< 0.0035	MG/L	0.0035	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	VANADIUM	< 0.0035	MG/L	0.0035	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	VANADIUM	**0.00359**	MG/L	0.0035	TR	J	Q,T
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	VINYL ACETATE	< 0.69	UG/L	0.69	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW8260B	VINYL CHLORIDE	**0.74**	UG/L	0.25	TR	J	T
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW8260B	VINYL CHLORIDE	**0.77**	UG/L	0.25	TR	J	T
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW8260B	VINYL CHLORIDE	**0.72**	UG/L	0.25	TR	J	T
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW8260B	VINYL CHLORIDE	< 0.25	UG/L	0.25	ND	U	-
SHMPZ001	SHMPZ001-A-W01	N	2/13/2002	SW6010B	ZINC	**0.0548**	MG/L	0.0023	=	J+	M

Appendix D, continued

Analytical Results in Water
Benicia Arsenal

Groundwater Results:

Location	Sample ID	Sample Type	Sample Date	Analytical Method	Analyte	Result	Units	Detect Limit	Parvq	QC Flag	Reason Code
SHMPZ002	SHMPZ002-A-W01	N	2/12/2002	SW6010B	ZINC	< 0.0023	MG/L	0.0023	ND	UJ	M
SHMPZ002	SHMPZ002-B-W01	FD	2/12/2002	SW6010B	ZINC	< 0.0023	MG/L	0.0023	ND	UJ	M
SHMPZ003	SHMPZ003-A-W01	N	2/12/2002	SW6010B	ZINC	< 0.0023	MG/L	0.0023	ND	UJ	M
SHMPZ004	SHMPZ004-A-W01	N	2/13/2002	SW6010B	ZINC	< 0.0023	MG/L	0.0023	ND	U	-
SHMPZ005	SHMPZ005-A-W01	N	2/8/2002	SW6010B	ZINC	**0.044**	MG/L	0.0023	=	J+	M
SHMPZ006	SHMPZ006-A-W01	N	2/12/2002	SW6010B	ZINC	< 0.0023	MG/L	0.0023	ND	UJ	M,Y
SHMPZ007	SHMPZ007-A-W01	N	2/6/2002	SW6010B	ZINC	**0.00439**	MG/L	0.0023	TR	J	T
SHMPZ009	SHMPZ009-A-W01	N	2/6/2002	SW6010B	ZINC	**0.412**	MG/L	0.0023	=	-	-
SHMPZ010	SHMPZ010-A-W01	N	2/6/2002	SW6010B	ZINC	**0.561**	MG/L	0.0023	=	-	-
SHMPZ011	SHMPZ011-A-W01	N	2/11/2002	SW6010B	ZINC	< 0.0023	MG/L	0.0023	ND	UJ	M
SHMPZ012	SHMPZ012-A-W01	N	2/7/2002	SW6010B	ZINC	**0.0408**	MG/L	0.0023	=	-	-
SHMPZ017	SHMPZ017-A-W01	N	2/5/2002	SW6010B	ZINC	**0.0365**	MG/L	0.0023	TR	J+	M,T
SHMPZ019	SHMPZ019-A-W01	N	2/7/2002	SW6010B	ZINC	**0.00865**	MG/L	0.0023	TR	J	T
SHMPZ020	SHMPZ020-A-W01	N	2/7/2002	SW6010B	ZINC	**0.0278**	MG/L	0.0023	=	J	8,M
SHMPZ020	SHMPZ020-B-W01	FD	2/7/2002	SW6010B	ZINC	**0.0495**	MG/L	0.0023	=	J	8,M

APPENDIX E

IDW MANIFESTS

SOIL IDW

Print or type. Form designed for use on elite (12-pitch) typewriter.

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N/A	Manifest Doc. No.	2. Page 1 of 1	91892-DS

3. Generator's Name and Mailing Address Attn: Martin Fahning
U.S. Army Corp of Engineers
1325 J Street, Sacramento, CA 95814

4. Generator's Phone (916) 557-7986

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
IWM, Inc.	C.A.D.9.8.3.6.5.3.6.2.7	408-942-8955
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Chemical Waste Management, Inc 35251 Old Skyline Road Kettleman Hills, CA 93239	C.A.T.0.0.0.6.4.6.1.1.7	559-386-9711

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous Waste Solid		D.T	Est 14	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
11.a. Waste Approval # EB1433
(Soil Cuttings)

E. Handling Codes for Wastes Listed Above
03

15. Special Handling Instructions and Additional Information
Wear appropriate safety gear when handling.

24-Hour Emergency 408-942-8955

SITE: Benicia Arsenal
940 Tyler Street
Benicia, CA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
R. Martin Fahning	On-behalf-of DOD	03	04	02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JAMES WOMACK		3	27	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
Received 1 DT 16.15 T of nonhaz TH 3-28-02

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Cara Ashworth		03	27	02

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL – RETURN TO GENERATOR

WATER IDW

D/K Environmental
3650 East 26th Street
Vernon, CA. 90023
Tel: (323) 268-5056
Fax: (323) 268-9672
E.P.A. # CAT 080033681

Hazardous Waste Profile Sheet

Price:

Category:

For office use only, do not write in this area

Comments:

Waste description, qualifying parameters and price are based on profile submitted

Waste I.D. # (Assigned by DKE)

A. CUSTOMER INFORMATION

Name of Company INTEGRATED WASTESTREAM MANAGEMENT, INC. EPA ID # CAD983653627

Facility Address 950 AMES AVENUE Mailing Address SAME

MILPITAS, CA 95035

Contact JAY DE LEON Title PROJECT MGR Phone 408-942-8955 Fax 408-942-1499

B. GENERATOR INFORMATION (if different than customer)

Name of Company US ARMY CORP OF ENGINEERS US EPA #

Facility Address BENICIA ARSENAL @ 940 TYLER STREET, BENICIA, CA

24 Hour Contact Phone ( )

Contact MARTIN FAHNING Title PROJECT GEOLOGIST Phone 916-557-7456 6103 Fax ( )

C. WASTE STREAM INFORMATION Process Generating Waste HYDROGEOLOGIC INVESTIGATION MW SAMPLING/RINSATE

Waste Name GROUNDWATER/RINSATE

Packaging: ☐ Bulk Liquid ☐ Bulk Solid ☐ Lab Pack ☒ Drums ☒ Size 55-GAL Other

Volume 19 ☐ Gallons ☐ Lbs. ☐ Cubic Yards Per: ☐ Month ☐ Quarter ☐ Year

D. PHYSICAL CHARACTERISTICS OF WASTE

1. General Characteristics

Color CLEAR ☒ Liquid 99-100 % free

Odor NONE ☐ Solid ☒ Single Layer

☒ None ☐ Strong ☐ Sludge ☐ Double Layer

☐ Mild ☐ Powder ☐ Multi Layer

2. Specific Gravity

☐ <0.8 ☐ 1.4 - 1.7

☐ 0.8-1.0 ☐ >1.7

☐ 1.0-1.2 ☒ 1 Exact

☐ 1.2-1.4

3. Flash Point

☐ < 100F ☒ > 200F

☐ 100-140F

☐ 140-200F

Method

4. pH: ☐ < 2 ☐ 2-4 ☐ 4-7 ☒ 7 ☐ 7-10 ☐ 10 - < 12.5 ☐ > 12.5 ☐ Range

E. CHEMICAL COMPOSITION

GROUNDWATER/RINSATE	99-100 %
	%
	%
	%
	%
TOTAL	100%

F. METALS (SEE ATTACHED ANALYTICALS)

YES	NO			YES	NO		
☐	☐	Arsenic(As)	PPM	☑	☐	Mercury (Hg)	PPM
☑	☐	Barium(Ba)	PPM	☑	☐	Nickel(Ni)	PPM
☑	☐	Cadmium(Cd)	PPM	☐	☐	Selenium(Se)	PPM
☑	☐	Chromium(Cr)	PPM	☑	☐	Silver(Ag)	PPM
☑	☐	Copper(Cu)	PPM	☐	☐	Thallium(Tl)	PPM
☑	☐	Lead(Pb)	PPM	☑	☐	Zinc(Zn)	PPM
☐	☑	(Hexa) Chrome	PPM	☐	☐	Other	PPM
☐	☐	Other	PPM	☐	☐	Other	PPM

☑ Total, ppm ☐ Extract(TCLP)

5. Is this waste subject to RCRA Subpart CC Controls? ☐ Yes ☒ No **Volatile Organic concentration, if known** ppmw

6. Is this waste subject to Benzene Waste Operation NESHAP? ☐ YES ☒ NO. **If yes, what is the SIC code for operations generating this waste?**

7. If this waste includes any RCRA Codes D001 through D043, can this waste reasonably be expected to exceed the 40CFR268.48 Universal Treatment Standards (UTS) for any Underlying Hazardous Constituent(s)? ☐ YES ☒ NO. **If yes, complete Attachment 1 UTS Table.**

8. This waste is (check one): ☒ **Wastewater** ☐ **Non-wastewater**

9. Does wastewater treatment of this waste generate an F006 or F019 waste? ☐ YES ☒ NO

G. HAZARDOUS CHARACTERISTICS (From CFR-40) Is the waste?

☒ None ☐ Pyrophoric ☐ Infectious/Pathogenic ☐ Reactive

☐ Radioactive ☐ PCBs ☐ Explosive/Shock Sensitive ☐ Pesticides/Herbicides

H. OTHER COMPONENTS

YES	NO		
☐	☒	Cyanides	PPM
☐	☒	Chelating Agents	PPM
☐	☒	Silicates	PPM
☐	☒	Ammonia	PPM
☐	☒	Phosphates	PPM
☐	☒	Phenols	PPM
☒		Halogenated Organics	PPM
☒		Aromatic Hydrocarbons	PPM

I. SHIPPING INFORMATION

D.O.T. Proper Shipping Name NON HAZARDOUS WASTE LIQUID

UN/NA # N/A Hazardous Class N/A R.Q. N/A

RCRA Waste? ☐ Yes ☒ No ☐ Code

CA Hazardous Waste? ☐ Yes ☒ No ☐ Code

"I hereby certify that this waste is non-hazardous in accordance with both Federal and State of California Hazardous Waste Statutes and Regulations."

(check here if you are certifying that this waste is non-hazardous) ☑

J. Special Handling Information LEVEL D

I certify and warrant that the above information, the information attached, and the waste stream as described is true and correct to the best of my knowledge and ability no willful or deliberate omissions exist, and that all hazards have been disclosed, and that a sample has been or is being sent to the proper facility. If this certification is made by a broker, the undersigned signs as an authorized agent of the generator, and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary.

→ On-behalf-of DOD | USACE Geologist | 4-MAR-02

SIGNATURE | TITLE | DATE

C:Profile Revised 3.rtf

REVISED 6/7/00