

TABLE 1: HISTORICAL GROUNDWATER ELEVATIONS
 East Central Phoenix –
 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

Well ID	Date Measured	Measuring Point Elevation (ft amsl)	Depth to Water (ft btoc)	Groundwater Elevation (ft amsl)
24AS-01	5/3/2014	1135.82	93.120	1042.70
	11/19/2014	1135.82	91.470	1044.35
	3/4/2015	1135.82	92.650	1043.17
	4/30/2015	1135.82	93.000	1042.82
	9/30/2015	1135.82	94.250	1041.57
	3/4/2016	1135.82	92.960	1042.86
	8/22/2016	1135.82	94.560	1041.26
	7/25/2018	1137.81	94.280	1043.53
	8/22/2018	1137.81	94.100	1043.71
24MW-01A	4/11/2014	1131.85	97.790	1034.06
	5/3/2014	1131.85	92.000	1039.85
	11/19/2014	1131.85	90.040	1041.81
	3/4/2015	1131.85	91.570	1040.28
	4/30/2015	1131.85	91.660	1040.19
	9/30/2015	1131.85	102.100	1029.75
	3/4/2016	1131.85	100.050	1031.80
	8/22/2016	1131.85	93.700	1038.15
	7/25/2018	1133.16	92.750	1040.41
8/20/2018	1133.16	101.260	1031.90	
24MW-02A	4/11/2014	1129.06	96.140	1032.92
	5/3/2014	1129.06	93.830	1035.23
	11/19/2014	1129.06	92.110	1036.95
	3/4/2015	1129.06	93.600	1035.46
	4/30/2015	1129.06	93.620	1035.44
	9/30/2015	1129.06	96.870	1032.19
	3/4/2016	1129.06	95.420	1033.64
	8/22/2016	1129.06	95.370	1033.69
	7/25/2018	1130.91	94.640	1036.27
8/20/2018	1130.91	96.430	1034.48	
24MW-03A	4/11/2014	1134.69	93.410	1041.28
	5/3/2014	1134.69	92.690	1042.00
	11/19/2014	1134.69	90.720	1043.97
	3/4/2015	1134.69	92.100	1042.59
	4/30/2015	1134.69	92.360	1042.33

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24MW-03A	9/30/2015	1134.69	94.240	1040.45
	3/4/2016	1134.69	92.870	1041.82
	8/22/2016	1134.69	93.940	1040.75
	7/25/2018	1136.65	93.400	1043.25
	8/20/2018	1136.65	93.470	1043.18
24MW-04A	4/11/2014	1133.39	93.370	1040.02
	5/3/2014	1133.39	93.050	1040.34
	11/19/2014	1133.39	91.440	1041.95
	3/4/2015	1133.39	92.680	1040.71
	4/30/2015	1133.39	92.920	1040.47
	9/30/2015	1133.39	94.460	1038.93
	3/4/2016	1133.39	93.240	1040.15
	8/22/2016	1133.39	94.400	1038.99
	7/25/2018	1135.35	94.210	1041.14
8/20/2018	1135.35	94.490	1040.86	
24MW-05A	4/11/2014	1133.98	98.870	1035.11
	5/3/2014	1133.98	96.510	1037.47
	11/19/2014	1133.98	94.560	1039.42
	3/4/2015	1133.98	96.140	1037.84
	4/30/2015	1133.98	96.160	1037.82
	9/30/2015	1133.98	99.620	1034.36
	3/4/2016	1133.98	97.920	1036.06
	8/22/2016	1133.98	97.800	1036.18
24MW-06B	3/4/2015	1135.74	83.640	1052.10
	4/30/2015	1135.74	83.740	1052.00
	9/30/2015	1135.74	87.860	1047.88
	3/4/2016	1135.74	85.470	1050.27
	8/22/2016	1135.74	85.940	1049.80
	7/25/2018	1137.59	85.470	1052.12
	8/20/2018	1137.59	88.890	1048.70
24MW-07A	3/4/2015	1132.20	92.390	1039.81
	4/30/2015	1132.20	92.510	1039.69
	9/30/2015	1132.20	94.830	1037.37
	3/4/2016	1132.20	93.350	1038.85

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Well ID	Date Measured	Measuring Point Elevation (ft amsl)	Depth to Water (ft btoc)	Groundwater Elevation (ft amsl)
24MW-07A	8/22/2016	1132.20	94.060	1038.14
	7/25/2018	1134.00	94.600	1039.40
	8/20/2018	1134.00	94.520	1039.48
24MW-08B	3/4/2015	1134.44	83.490	1050.95
	4/30/2015	1134.44	83.710	1050.73
	9/30/2015	1134.44	90.130	1044.31
	3/4/2016	1134.44	88.110	1046.33
	8/22/2016	1134.44	86.070	1048.37
24MW-09A	3/4/2015	1137.08	91.350	1045.73
	4/30/2015	1137.08	91.830	1045.25
	9/30/2015	1137.08	92.720	1044.36
	3/4/2016	1137.08	91.900	1045.18
	8/22/2016	1137.08	93.360	1043.72
	7/25/2018	1139.00	93.190	1045.81
	8/20/2018	1139.00	93.090	1045.91
24MW-10A	3/4/2015	1135.36	99.050	1036.31
	4/30/2015	1135.36	99.120	1036.24
	9/30/2015	1135.36	100.880	1034.48
	3/4/2016	1135.36	99.810	1035.55
	8/22/2016	1135.36	100.670	1034.69
	7/25/2018	1137.34	100.350	1036.99
	8/20/2018	1137.34	100.910	1036.43
24MW-13A	7/26/2018	1121.97	NM	NM
	8/20/2018	1121.97	89.340	1032.63
24MW-14	7/26/2018	1095.70	NM	NM
	8/20/2018	1095.70	89.73	1005.97

Notes & Acronyms:

Measuring Point Elevations are values as reported by prior consultants for measurements conducted 1996 through 2016.

Measuring Point Elevations equal surveyed top of casing elevations from July 2018 to present.

ft amsl = feet above mean sea level relative to vertical datum NAVD88

ft btoc = feet below top of casing

NM = not measured

Well ID = well identification

WQARF = Water Quality Assurance Revolving Fund

TABLE 2: WELL CONSTRUCTION SUMMARY
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

Well ID	Location	Completion Date	Well Type	ADWR No. 55	Casing Diameter (inches)	Screened Interval (ft bgs)		Total Depth (ft bgs)
						Top of Screen	Bottom of Screen	
24MW-01A	24th St. & Grand Canal	12/7/2013	GW Well	916283	4	84.7	124.7	150
24MW-02A	24th St. & Grand Canal	1/25/2014	GW Well	916226	4	95.6	130.6	132.1
24MW-03A	24th St. & Grand Canal	1/23/2014	GW Well	916228	4	91.6	131.6	132.1
24MW-04A	24th St. & Grand Canal	2/26/2014	GW Well	916481	4	91.9	131.9	135
24MW-05A	24th St. & Grand Canal	12/19/2013	GW Well	916348	4	90.2	135.2	143
24MW-06B	24th St. & Grand Canal	1/14/2015	GW Well	917654	4	147	187	200.2
24MW-07A	24th St. & Grand Canal	1/18/2015	GW Well	917715	4	89.1	124.1	130.2
24MW-08B	24th St. & Grand Canal	1/26/2015	GW Well	917719	4	146.9	186.9	190.2
24MW-09A	24th St. & Grand Canal	2/10/2015	GW Well	917658	4	88.5	128.5	136
24MW-10A	24th St. & Grand Canal	1/26/2015	GW Well	917720	4	91.1	131.1	140
24MW-10B	24th St. & Grand Canal	11/3/2016	GW Well	920074	UNK	UNK	UNK	245
24MW-11	24th St. & Grand Canal	11/11/2016	GW Well	919829	UNK	UNK	UNK	205
24MW-12	24th St. & Grand Canal	2/21/2017	GW Well	919826	UNK	UNK	UNK	345
24-SV-01	CVS Pharmacy	UNK	SVE Well	NA	4	10	50	86
24-SV-02	CVS Pharmacy	UNK	SVE Well	NA	4	20	50	86
24-SV-03	CVS Pharmacy	UNK	SVE Well	NA	4	20	50	85
24-SV-04	CVS Pharmacy	UNK	SVE Well	NA	4	20	50	85
24-SV-05	CVS Pharmacy	UNK	SVE Well	NA	4	10	50	51.5
24-SV-06	CVS Pharmacy	UNK	SVE Well	NA	4	10	50	51.2
24-AS-01	CVS Pharmacy	7/23/2008	AS Well / GW Well	909451	2.5	68	118.5	120
24MW-13	N. 24th St.	6/6/2018	GW Well	921368	4	234.4	274.4	283
24MW-14	N. 24th St.	6/29/2018	GW Well	921367*	4	260.1	320.1	385
UNK	N. 24th St.	UNK	GW Well	221179	UNK	UNK	UNK	UNK
UNK	N. 24th St.	UNK	GW Well	221180	UNK	UNK	UNK	UNK

Notes & Acronyms:

*ADWR number as interpreted from online records of imaged information.
 ADWR = Arizona Department of Water Resources
 AS = air sparge
 ft bgs = feet below ground surface
 GW = groundwater

NA = not applicable
 UNK = unknown
 Well ID = well identification
 WQARF = Water Quality Assurance Revolving Fund

TABLE 3: WELL SURVEY INFORMATION

East Central Phoenix –
 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

Well ID	Location	Top of Casing Elevation (ft amsl)	Latitude (Degrees)	Longitude (Degrees)
24MW-01A	24th St. & Grand Canal	1133.16	332838.6495	-1120147.7523
24MW-02A	24th St. & Grand Canal	1130.91	332840.6765	-1120155.7400
24MW-03A	24th St. & Grand Canal	1136.65	332846.3919	-1120144.7271
24MW-04A	24th St. & Grand Canal	1135.35	332849.8277	-1120152.0484
24MW-05A	24th St. & Grand Canal	1135.90	332843.5772	-1120153.6170
24MW-06B	24th St. & Grand Canal	1137.59	332850.5323	-1120147.3808
24MW-07A	24th St. & Grand Canal	1134.00	332846.2021	-1120151.5257
24MW-08B	24th St. & Grand Canal	1136.18	332848.1058	-1120149.3678
24MW-09A	24th St. & Grand Canal	1139.00	332853.5211	-1120144.6306
24MW-10A	24th St. & Grand Canal	1137.34	332845.8580	-1120156.9088
24-AS-01	CVS Pharmacy	1137.81	332850.7485	-1120147.3954
24MW-13	N. 24th St.	1121.97	332826.9663	-1120212.4622
24MW-14	N. 24th St.	1095.70	332801.7468	-1120339.5670

Notes:

Latitude and longitude are formatted as DDDMMSS.SSSSS (latitude) and DDDMMSS.SSSSS (longitude) per NAD83(92)

Central Zone 0202 Ground Values. Surveys conducted 8/1/2018 by A Team Professional Associates, Inc.

Top of Casing / sonatube elevations are relative to NAVD83 datum

Acronyms:

ft amsl = feet above mean sea level, referenced to vertical datum NAVD88

Well ID = well identification

WQARF = Water Quality Assurance Revolving Fund

TABLE 4: SUMMARY OF SOIL ANALYTICAL RESULTS

East Central Phoenix –
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 December 2018



ADEQ Residential Soil Remediation Levels (mg/kg)				0.51
ADEQ Minimum Groundwater Protection Levels (mg/kg)				1.3
ADEQ Non-Residential Soil Remediation Levels (mg/kg)				13
Sample Name	Sample Date	Depth (ft bgs)	Analytical Method	PCE (mg/kg)
B1 @ 20'	7/24/2001	20	USEPA-8260B	< 0.050 U
B2 @ 15'	7/24/2001	15	USEPA-8260B	< 0.049 U
B3 @ 30'	7/24/2001	30	USEPA-8260B	< 0.052 U
B4 @ 30'	7/24/2001	30	USEPA-8260B	< 0.051 U
B5 @ 30'	7/24/2001	30	USEPA-8260B	< 0.051 U
B6 @ 30'	7/24/2001	30	USEPA-8260B	< 0.050 U
B7 @ 30'	7/24/2001	30	USEPA-8260B	< 0.050 U
HA-1 @ 1.0'	7/24/2001	1	USEPA-8260B	3.1
HA-2 @ 1.5'	7/24/2001	1.5	USEPA-8260B	0.19
T-1 @ 50'	10/16/2001	50	USEPA-8260B	< 0.050 U
T-2 @ 55'	10/16/2001	55	USEPA-8260B	< 0.050 U
T-3 @ 70'	10/17/2001	70	USEPA-8260B	< 0.050 U
B-8(2.5)	2/16/2003	2.5	USEPA-8260B	1.3
B-8(5)	2/16/2003	5	USEPA-8260B	< 0.050
B-8(15)	2/16/2003	15	USEPA-8260B	0.16
B-9(2.5)	2/16/2003	2.5	USEPA-8260B	1.3
B-9(5)	2/16/2003	5	USEPA-8260B	0.25
B-9(10)	2/16/2003	10	USEPA-8260B	0.15
S AS-1-10' (Soil)	7/23/2008	10	USEPA-8260B	< 0.120
S AS-1-40'	7/23/2008	40	USEPA-8260B	< 0.190
S AS-1-60'	7/23/2008	60	USEPA-8260B	< 0.180
S AS-1-70'	7/23/2008	70	USEPA-8260B	< 0.160
S AS-1-75'	7/23/2008	75	USEPA-8260B	< 0.170
S AS-1-85'	7/23/2008	85	USEPA-8260B	0.200
SVE-09-70-20180209	2/9/2010	70	USEPA-8260B	< 0.11 L5
24SG-01(14)	3/29/2016	14	USEPA-8260B	< 0.110
24SG-02(14)	3/29/2016	14	USEPA-8260B	< 0.110
24SG-03(14)	3/29/2016	14	USEPA-8260B	< 0.110
24SG-04(14)	3/29/2016	14	USEPA-8260B	< 0.100
24SG-05(14)	3/30/2016	14	USEPA-8260B	< 0.110
24SG-06(14)	3/30/2016	14	USEPA-8260B	< 0.110
24SG-07(14)	3/30/2016	14	USEPA-8260B	< 0.100
24SV-05(10)	3/30/2016	10	USEPA-8260B	< 0.120
24SV-05(30)	3/30/2016	30	USEPA-8260B	< 0.110
24SV-05(49.5)	3/30/2016	49.5	USEPA-8260B	< 0.120
24SV-06(10)	3/31/2016	10	USEPA-8260B	< 0.120
24SV-06(30)	3/31/2016	30	USEPA-8260B	< 0.110
24SV-06(49.5)	3/31/2016	49.5	USEPA-8260B	< 0.110
SVE-07-60-20180205	2/5/2018	60	USEPA-8260B	< 0.11
SVE-07-70-20180206	2/6/2018	70	USEPA-8260B	< 0.12
SVE-07-80-20180206	2/6/2018	80	USEPA-8260B	< 0.11
SVE-07-90-20180206	2/6/2018	90	USEPA-8260B	< 0.11
SVE-07-100-20180206	2/6/2018	100	USEPA-8260B	< 0.11
SVE-08-60-20180207	2/7/2018	60	USEPA-8260B	< 0.11
SVE-08-70-20180208	2/8/2018	70	USEPA-8260B	< 0.12

TABLE 4: SUMMARY OF SOIL ANALYTICAL RESULTS

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ADEQ Residential Soil Remediation Levels (mg/kg)		0.51		
ADEQ Minimum Groundwater Protection Levels (mg/kg)		1.3		
ADEQ Non-Residential Soil Remediation Levels (mg/kg)		13		
Sample Name	Sample Date	Depth (ft bgs)	Analytical Method	PCE (mg/kg)
SVE-08-80-20180208	2/8/2018	80	USEPA-8260B	< 0.12
SVE-08-90-20180208	2/8/2018	90	USEPA-8260B	< 0.11
SVE-08-100-20180208	2/8/2018	100	USEPA-8260B	< 0.11
SVE-08-100-20180208Dup	2/8/2018	100	USEPA-8260B	< 0.10
SVE-09-60-20180209	2/9/2018	60	USEPA-8260B	< 0.11 L5
SVE-09-80-20180209	2/9/2018	80	USEPA-8260B	< 0.11 L5
SVE-09-90-20180210	2/10/2018	90	USEPA-8260B	< 0.11 L5
SVE-09-100-20180210	2/10/2018	100	USEPA-8260B	< 0.11 L5

Notes & Acronyms:

BOLD values exceed ADEQ Residential Soil Remediation Levels

Italicized values exceed ADEQ Minimum Groundwater Protection Levels

^ = Duplicate sample

* = Laboratory detection limits elevated above ADEQ criteria

ADEQ = Arizona Department of Environmental Quality

mg/kg = milligrams per kilogram

PCE = tetrachloroethene

UNK = unknown

USEPA = United States Environmental Protection Agency

WQARF = Water Quality Assurance Revolving Fund

Laboratory Notes & Qualifiers:

The laboratory data presented in this table was obtained directly from copies of analytical reports prepared by State of Arizona certified laboratories. The relevant analytical reports are provided in Appendix F to this report. Data qualifiers presented in these tables are limited to those provided in the analytical reports, and are not the result of a data verification or validation effort.

TABLE 5: SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS

East Central Phoenix –
24th Street and Grand Canal WQARF Site
Phoenix, Arizona
December 2018

Sample Location / Boring or Well ID	Sample ID	Date Sampled	Analytical Method	Sample Depth (ft bgs) ¹	Applicable HPC	VOC Concentration (µg/m ³)					
						PCE			TCE		
						11,000	20,000	46,000	540	960	2,200
					5	15	45	5	15	45	
24-SV-01	24SV-01	4/28/2015	TO-14	30	--	1,300,000	--	--	230	--	
24-SV-01	24SV-01	11/5/2015	TO-15	30	--	87	--	--	< 2.14	--	
24-SV-01	24-SV-01	7/19/2016	TO-15	UNK	10,000	--	--	< 1000	--	--	
24-SV-01	24-SV-01	9/1/2017	TO-15	UNK	< 1,360	--	--	< 537	--	--	
24-SV-01	24-SV-01	12/7/2017	TO-15	UNK	420	--	--	< 27	--	--	
24-SV-02	24SV-02	4/28/2015	TO-14	35	--	1,600	--	--	< 20	--	
24-SV-02	24SV-02	11/5/2015	TO-15	30	--	34	--	--	< 2.14	--	
24-SV-02	24-SV-02	7/19/2016	TO-15	UNK	62,000	--	--	< 1000	--	--	
24-SV-02	24-SV-02	9/1/2017	TO-15	UNK	35	--	--	< 5.4	--	--	
24-SV-02	24-SV-02	12/7/2017	TO-15	UNK	120	--	--	< 5.4	--	--	
24-SV-03	24SV-03	4/28/2015	TO-14	35	--	71,000	--	--	150	--	
24-SV-03	24SV-03	11/5/2015	TO-15	30	--	12,300 J	--	--	51	--	
24-SV-03	24SV-03	11/5/2015	TO-15	30	--	51,000 J	--	--	72	--	
24-SV-03	24-SV-03	7/19/2016	TO-15	UNK	41,000	--	--	< 1000	--	--	
24-SV-03	24-SV-03	9/1/2017	TO-15	UNK	750	--	--	< 54	--	--	
24-SV-03	24-SV-03	12/7/2017	TO-15	UNK	190	--	--	< 54	--	--	
24-SV-04	24SV-04	4/28/2015	TO-14	35	--	72,000	--	--	98	--	
24-SV-04	24SV-04	11/5/2015	TO-15	30	--	4,070	--	--	4	--	
24-SV-04	24-SV-04	7/19/2016	TO-15	UNK	10,000	--	--	< 1000	--	--	
24-SV-04	24-SV-04	9/1/2017	TO-15	UNK	2,510	--	--	< 54	--	--	
24-SV-04	24-SV-04	12/7/2017	TO-15	UNK	1,390	--	--	5.6	--	--	
24-SV-05	24-SV-05	7/19/2016	TO-15	UNK	13,000	--	--	< 1000	--	--	
24-SV-05	24-SV-05	9/1/2017	TO-15	UNK	1,650	--	--	< 54	--	--	
24-SV-05	24-SV-05	12/7/2017	TO-15	UNK	1,110	--	--	6.3	--	--	
24-SV-06	24-SV-06	7/19/2016	TO-15	UNK	6,100	--	--	< 1000	--	--	
24-SV-06	24-SV-06	9/1/2017	TO-15	UNK	170	--	--	< 5.4	--	--	
24-SV-06	24-SV-06	12/7/2017	TO-15	UNK	260	--	--	< 5.4	--	--	
24-SV-07	SV-07-60-20180205	2/5/2018	TO-15	60	--	--	< 1,360	--	--	< 537	
24-SV-07	SV-07-70-20180206	2/6/2018	TO-15	70	--	--	< 678	--	--	< 270	
24-SV-07	SV-07-80-20180206	2/6/2018	TO-15	80	--	--	< 33,900	--	--	< 13,400	
24-SV-07	SV-07-90-20180206	2/6/2018	TO-15	90	--	--	< 33,900	--	--	< 13,400	
24-SV-07	SV-07-100-20180206	2/6/2018	TO-15	100	--	--	< 33,900	--	--	< 13,400	
24-SV-08	SV-08-60-20180207	2/7/2018	TO-15	60	--	--	< 678	--	--	< 269	
24-SV-08	SV-08-70-20180208	2/8/2018	TO-15	70	--	--	< 136	--	--	< 53.7	
24-SV-08	SV-08-80-20180208	2/8/2018	TO-15	80	--	--	< 678	--	--	< 269	
24-SV-08	SV-08-90-20180208	2/8/2018	TO-15	90	--	--	< 136	--	--	< 53.7	
24-SV-08	SV-08-100-20180208	2/8/2018	TO-15	100	--	--	< 136	--	--	< 53.7	
24-SV-08	SV-08-100-20180208 Dup	2/8/2018	TO-15	100	--	--	< 136	--	--	< 53.7	
24-SV-09	SV-09-60-20180209	2/9/2018	TO-15	60	--	--	< 34	--	--	< 13	
24-SV-09	SV-09-70-20180209	2/9/2018	TO-15	70	--	--	< 34	--	--	< 13	
24-SV-09	SV-09-80-20180209	2/9/2018	TO-15	80	--	--	< 140	--	--	< 54	
24-SV-09	SV-09-90-20180210	2/10/2018	TO-15	90	--	--	< 34	--	--	< 13	
24-SV-09	SV-09-100-20180210	2/10/2018	TO-15	100	--	--	< 140	--	--	< 54	
AS-1	AS-1-10	7/23/2008	TO-15	10	949,652	--	--	< 5.4	--	--	
AS-1	AS-1-20	7/23/2008	TO-15	20	--	447,693	--	--	< 5,374	--	
AS-1	AS-1-30	7/23/2008	TO-15	30	--	230,630	--	--	< 5,374	--	

TABLE 5: SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS

East Central Phoenix –
24th Street and Grand Canal WQARF Site
Phoenix, Arizona
December 2018

Sample Location / Boring or Well ID	Sample ID	Date Sampled	Analytical Method	Sample Depth (ft bgs) ¹	Applicable HPC	VOC Concentration (µg/m ³)					
						PCE			TCE		
						11,000	20,000	46,000	540	960	2,200
					5	15	45	5	15	45	
AS-1	AS-1-40	7/23/2008	TO-15	40	--	5,426,585	--	--	--	< 5,374	--
AS-1	AS-1-50	7/23/2008	TO-15	50	--	--	13,566,462	--	--	--	< 5,374
AS-1	AS-1-51	7/23/2008	TO-15	51	--	--	7,461,554	--	--	--	< 5,374
AS-1	AS-1-60	7/23/2008	TO-15	60	--	--	7,461,554	--	--	--	< 5,374
AS-1	AS-1-70	7/24/2008	TO-15	70	--	--	8,818,200	--	--	--	< 5,374
AS-1	AS-1-75	7/24/2008	TO-15	75	--	--	8,139,877	--	--	--	< 5,374
AS-1	AS-1-85	7/24/2008	TO-15	85	--	--	3,527,280	--	--	--	< 5,374
SG-01	SG01-5-08262016	8/26/2016	TO-15	5	3,183	--	--	--	--	--	--
SG-01	SG01 05 09012017	9/1/2017	TO-15	5	230	--	--	--	--	--	--
SG-01	SG01-15-08262016	8/26/2016	TO-15	15	--	4,454	--	--	--	--	--
SG-01	SG01 15 09012017	9/1/2017	TO-15	15	--	190	--	--	--	--	--
SG-01	SG01 15 09012017	9/1/2017	TO-15	15	--	190	--	--	--	< 13	--
SG-01	SG01 05 09012017	9/1/2017	TO-15	5	230	--	--	< 13	--	--	--
SG-01	SG0105 12062017	12/6/2017	TO-15	5	14	--	--	< 5.4	--	--	--
SG-01	SG0115 12062017	12/6/2017	TO-15	15	--	170	--	--	--	< 5.4	--
SG-02	SG02-5-08262016 Dup	8/26/2016	TO-15	5	16,001	--	--	--	--	--	--
SG-02	SG02-5-08262016	8/26/2016	TO-15	5	30,103	--	--	--	--	--	--
SG-02	SG02 05 09012017	9/1/2017	TO-15	5	41	--	--	--	--	--	--
SG-02	SG02-15-08262016	8/26/2016	TO-15	15	--	51,189	--	--	--	--	--
SG-02	SG02 15 08312017	8/31/2017	TO-15	15	--	70	--	--	--	< 13	--
SG-02	SG02 05 09012017	9/1/2017	TO-15	5	41	--	--	< 13	--	--	--
SG-02	SG0205 12072017	12/7/2017	TO-15	5	200	--	--	< 5.4	--	--	--
SG-02	SG0215 12072017	12/7/2017	TO-15	15	--	220	--	--	--	< 5.4	--
SG-03	SG03-5-08262016	8/26/2016	TO-15	5	33,090	--	--	--	--	--	--
SG-03	SG03 05 08312017	8/31/2017	TO-15	5	< 34	--	--	--	--	< 13	--
SG-03	SG03-15-08262016	8/26/2016	TO-15	15	--	86,110	--	--	--	--	--
SG-03	SG03 15 08312017	8/31/2017	TO-15	15	--	140	--	--	--	< 13	--
SG-03	SG0305 12072017	12/7/2017	TO-15	5	440	--	--	< 27	--	--	--
SG-03	SG0315 12072017	12/7/2017	TO-15	15	--	370	--	--	--	< 27	--
SG-04	SG04-5-08262016	8/26/2016	TO-15	5	19,050	--	--	--	--	--	--
SG-04	SG04 05 08312017	8/31/2017	TO-15	5	290	--	--	--	--	< 5.4	--
SG-04	SG04-15-08262016	8/26/2016	TO-15	15	--	29,020	--	--	--	--	--
SG-04	SG04 15 08312017	8/31/2017	TO-15	15	--	31	--	--	--	< 5.4	--
SG-04	SG0405 12072017	12/7/2017	TO-15	5	303	--	--	< 27	--	--	--
SG-04	SG0415 12072017	12/7/2017	TO-15	15	--	410	--	--	--	< 27	--
SG-05	SG05-5-08262016	8/26/2016	TO-15	5	63,330	--	--	--	--	--	--
SG-05	SG05 05 08312017	8/31/2017	TO-15	5	1,570	--	--	--	--	< 13	--
SG-05	SG05-15-08262016	8/26/2016	TO-15	15	--	130,200	--	--	--	--	--
SG-05	SG05 15 08312017	8/31/2017	TO-15	15	--	650	--	--	--	< 13	--
SG-05	SG0505 12072017	12/7/2017	TO-15	5	670	--	--	< 27	--	--	--
SG-05	SG0515 12072017	12/7/2017	TO-15	15	--	470	--	--	--	< 27	--
SG-06	SG06-08252016 5'	8/26/2016	TO-15	5	13,900	--	--	--	--	--	--
SG-06	SG06 05 08312017	8/31/2017	TO-15	5	836	--	--	--	--	< 13	--
SG-06	SG06-15-08252016	8/26/2016	TO-15	15	--	21,220	--	--	--	--	--
SG-06	SG06 15 08312017	8/31/2017	TO-15	15	--	762	--	--	--	< 13	--
SG-06	SG0605 12072017	12/7/2017	TO-15	5	370	--	--	< 5.4	--	--	--

TABLE 5: SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS

East Central Phoenix –
24th Street and Grand Canal WQARF Site
Phoenix, Arizona
December 2018

Sample Location / Boring or Well ID	Sample ID	Date Sampled	Analytical Method	Sample Depth (ft bgs) ¹	VOC Concentration (µg/m ³)					
					PCE			TCE		
					11,000	20,000	46,000	540	960	2,200
					5	15	45	5	15	45
SG-06	SG0615 12072017	12/7/2017	TO-15	15	--	270	--	--	< 13	--
SG-07	SG07-5-08252016	8/26/2016	TO-15	5	4,621	--	--	--	--	--
SG-07	SG07 05 08312017	8/31/2017	TO-15	5	290	--	--	--	< 13	--
SG-07	SG07-15-08252016	8/26/2016	TO-15	15	--	8,950	--	--	--	--
SG-07	SG07 15 08312017	8/31/2017	TO-15	15	--	360	--	--	<13	--
SG-07	SG0705 12072017	12/7/2017	TO-15	5	110	--	--	< 5.4	--	--
SG-07	SG0715 12072017	12/7/2017	TO-15	15	--	160	--	--	< 5.4	--

Notes & Acronyms:

All units in micrograms per cubic meter (µg/m³)

HPC = Health-Protective Concentration for residential risk, depth-specific (5, 15 or 45 foot below ground surface [ft bgs]), calculated by The Fehling Group, LLC

¹ - Results of samples collected from a depth range are reported in either the 5, 15, or 45 ft bgs HPC column, based on the nearest average depth value, biased conservatively.

BOLD = Laboratory results exceed the HPC

-- = not analyzed or not reported

ID = identification

NA = not applicable

NR = not recorded; Sample depth assumed to be 5 ft bgs

PCE = tetrachloroethene

TCE = trichloroethene

UNK = unknown

VOC = volatile organic compound

Laboratory Notes & Qualifiers:

The laboratory data presented in this table was obtained directly from copies of analytical reports prepared by State of Arizona certified laboratories. The relevant analytical reports are provided in Appendix G to this report.

Data qualifiers presented in these tables are limited to those provided in the laboratory reports, and are not the result of a data verification or validation effort.

< N - Indicates below the minimum laboratory reporting limit of N

> N - Indicates above the maximum laboratory limit of N

TABLE 6: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

CVOCs

East Central Phoenix – 24th Street and Grand Canal WQARF Site

Phoenix, Arizona

December 2018

						Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Chloromethane	
						CAS	127-18-4	79-01-6	156-59-2	75-35-4	75-01-4	71-55-6	107-06-2	78-87-5	74-87-3	
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	5	70	7	2	200	5	5	NE	
						Sample ID										
24AS-01	10/22/2013	PDB	USEPA-8260B	91.1	0	AS-01-91.1-1013	1,200	1.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	10/22/2013	PDB	USEPA-8260B	96.3	0	AS-01-96.3-1013	160	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	10/22/2013	PDB	USEPA-8260B	101.7	0	AS-01-101.7-1013	130	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	10/22/2013	PDB	USEPA-8260B	106.9	0	AS-01-106.9-1013	130	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	10/22/2013	PDB	USEPA-8260B	106.9	0	AS-01-106.9-1013A	102	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
	10/22/2013	PDB	USEPA-8260B	112.2	0	AS-01-112.2-1013	78.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/21/2014	PDB	USEPA-8260B	101.6	0	AS-01-101.6-0514	470	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/21/2014	PDB	USEPA-8260B	101.6	0	AS-01-101.6-0514A	385	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
	5/21/2014	PDB	USEPA-8260B	112.2	0	AS-01-112.2-0514	110	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/22/2014	HydraSleeve™	USEPA-8260B	95.2	0	AS-01-95.2-0514H	350	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	96.3	0	AS-01-96.3-1214	2,100	2.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	101.6	0	AS-01-101.6-1214	2,100	2.70	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	101.6	0	AS-01-101.6-1214A	1,570	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0
	12/17/2014	PDB	USEPA-8260B	112.2	0	AS-01-112.2-1214	1,500	3.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	112.2	0	PL-117-1214	1,300	3.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	96.3	0	AS-01_24-96.3-0315	1,700	2.60	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	96.3	0	PL-118-0315	1,600	2.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	101.6	0	AS-01_24-101.6-0315	1,200	2.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	112.2	0	AS-01_24-112.2-0315	130	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	96.3	0	AS-01_24-96.3-0515	760	1.70	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
5/18/2015	PDB	USEPA-8260B	101.6	0	AS-01_24-101.6-0515	480	1.30	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
5/18/2015	PDB	USEPA-8260B	101.6	0	AS-01_24-101.6-0515A	317	1.30	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
5/18/2015	PDB	USEPA-8260B	112.2	0	AS-01_24-112.2-0515	110	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
10/29/2015	PDB	USEPA-8260B	96.3	0	AS-01_24-96.3-1015	1,100	2.20	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
10/29/2015	PDB	USEPA-8260B	101.6	0	AS-01_24-101.6-1015	990	2.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
10/29/2015	PDB	USEPA-8260B	101.6	0	PL-511-1015	990	2.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
10/29/2015	PDB	USEPA-8260B	112.2	0	AS-01_24-112.2-1015	93.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/22/2016	PDB Bailer	USEPA-8260B	96.3	0	24AS-01-96.3-0816	2,600	4.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/22/2016	PDB	USEPA-8260B	101.6	0	24AS-01-101.6-0816	2,900	4.60	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/22/2016	PDB	USEPA-8260B	112.2	0	24AS-01-112.2-0816	1,500	3.20	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/22/2018	HydraSleeve™	USEPA-8260B	106	0	24AS-01-20180822	600 D1	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 10 U;D1	
8/22/2018	HydraSleeve™	USEPA-8260B	106	1	24AS-01-20180822-Dup	540 D1	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 10 U;D1	
24MW-01A	12/5/2013	Hydropunch	USEPA-8260B	97	0	24MW-01-97	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	12/5/2013	Hydropunch	USEPA-8260B	115	0	24MW-01-115	3.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	12/5/2013	Hydropunch	USEPA-8260B	125	0	24MW-01-125	2.30	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	4/11/2014	PDB	USEPA-8260B	104.9	0	24MW-01-104.9-0414	1.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	4/11/2014	PDB	USEPA-8260B	110.5	0	24MW-01-110.5-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	4/11/2014	PDB	USEPA-8260B	116.2	0	24MW-01-116.2-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	4/11/2014	PDB	USEPA-8260B	121.8	0	24MW-01-121.8-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	4/11/2014	PDB	USEPA-8260B	121.8	0	PL-109-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
5/21/2014	PDB	USEPA-8260B	104.9	0	24MW-01-104.9-0514	4.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	

TABLE 6: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CVOCs
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

						Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Chloromethane
						CAS	127-18-4	79-01-6	156-59-2	75-35-4	75-01-4	71-55-6	107-06-2	78-87-5	74-87-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	5	70	7	2	200	5	5	NE
						Sample ID									
24MW-01A	12/17/2014	PDB	USEPA-8260B	93.7	0	24MW-01-93.7-1214	2.30	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	99.3	0	24MW-01-99.3-1214	3.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	104.9	0	24MW-01-104.9-1214	3.80	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	93.7	0	24MW-01-93.7-0315	2.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	99.3	0	24MW-01-99.3-0315	1.80	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	104.9	0	24MW-01-104.9-0315	2.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	104.9	0	PL-117-0315	2.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	93.7	0	24MW-01-93.7-0515	4.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	99.3	0	24MW-01-99.3-0515	3.90	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	104.9	0	24MW-01-104.9-0515	4.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	93.7	0	24MW-01-93.7-1015	2.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	99.3	0	24MW-01-99.3-1015	3.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	104.9	0	24MW-01-104.9-1015	4.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	8/22/2016	PDB	USEPA-8260B	93.7	0	24MW-01-93.7-0816	1.60	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
8/22/2016	PDB	USEPA-8260B	99.3	0	24MW-01-99.3-0816	2.20	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/22/2016	PDB Bailer	USEPA-8260B	104.9	0	24MW-01-104.9-0816	3.20	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/21/2018	HydraSleeve™	USEPA-8260B	106	0	24MW-01-20180821	4.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	
24MW-02A	4/11/2014	PDB	USEPA-8260B	96.7	0	24MW-02-96.7-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	101.9	0	24MW-02-101.9-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	112.3	0	24MW-02-112.3-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	122.7	0	24MW-02-122.7-0414	1.60	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-0414	1.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/21/2014	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-0514	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/21/2014	PDB	USEPA-8260B	107.1	0	PL-120-0514	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/21/2014	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-0514	2.60	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/21/2014	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-0514	2.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-1214	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-1214	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-1214	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-0315	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-0315	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-0315A	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
	3/19/2015	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-0315	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
5/18/2015	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-0515	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
5/18/2015	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-0515	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
5/18/2015	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-0515	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
10/29/2015	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-1015	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
10/29/2015	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-1015	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
10/29/2015	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-1015	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	

TABLE 6: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CVOCs
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

						Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Chloromethane
						CAS	127-18-4	79-01-6	156-59-2	75-35-4	75-01-4	71-55-6	107-06-2	78-87-5	74-87-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	5	70	7	2	200	5	5	NE
						Sample ID									
24MW-02A	8/22/2016	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-0816	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	8/22/2016	PDB Bailer	USEPA-8260B	117.5	0	24MW-02-117.5-0816	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	8/22/2016	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-0816	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	8/21/2018	HydraSleeve™	USEPA-8260B	108	0	24MW-02-20180821	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
24MW-03A	4/11/2014	PDB	USEPA-8260B	95.4	0	24MW-03-95.4-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	1.10	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	95.4	0	PL-107-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	1.10	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	100.9	0	24MW-03-100.9-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	1.10	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	1.20	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	112.1	0	24MW-03-112.1-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	117.6	0	24MW-03-117.6-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	123.2	0	24MW-03-123.2-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	128.8	0	24MW-03-128.8-0414	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/21/2014	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-0514	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/21/2014	PDB	USEPA-8260B	128.3	0	24MW-03-128.3-0514	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-1214	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	128.8	0	24MW-03-128.8-1214	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-0315	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	128.8	0	24MW-03-128.8-0315	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-0515	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	128.8	0	24MW-03-128.8-0515	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-1015	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-1015A	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UV1
	10/29/2015	PDB	USEPA-8260B	128.8	0	24MW-03-128.8-1015	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	8/22/2016	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-0816	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
8/22/2016	PDB Bailer	USEPA-8260B	128.8	0	24MW-03-128.8-0816	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/22/2016	PDB Bailer	USEPA-8260B	128.8	0	PL-517-0816	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/21/2018	HydraSleeve™	USEPA-8260B	130	0	24MW-03-20180821	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	
24MW-04A	4/11/2014	PDB	USEPA-8260B	95.9	0	24MW-04-95.9-0414	7.90	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	101.4	0	24MW-04-101.4-0414	8.30	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	107	0	24MW-04-107.0-0414	9.60	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	112.6	0	24MW-04-112.6-0414	9.30	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-0414	9.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	123.7	0	24MW-04-123.7-0414	10.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	4/11/2014	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-0414	7.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/21/2014	PDB	USEPA-8260B	107	0	24MW-04-107.0-0514	12.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/21/2014	PDB	USEPA-8260B	107	0	24MW-04-107.0-0514A	10.5	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
	5/21/2014	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-0514	7.20	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/21/2014	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-0514	9.60	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	107	0	24MW-04-107.0-1214	6.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00
12/17/2014	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-1214	6.30	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00
12/17/2014	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-1214	5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00

TABLE 6: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CVOCs
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

						Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Chloromethane	
						CAS	127-18-4	79-01-6	156-59-2	75-35-4	75-01-4	71-55-6	107-06-2	78-87-5	74-87-3	
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	5	70	7	2	200	5	5	NE	
						Sample ID										
24MW-04A	12/17/2014	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-1214A	7.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
	3/19/2015	PDB	USEPA-8260B	107	0	24MW-04-107.0-0315	7.20	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	3/19/2015	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-0315	7.80	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	3/19/2015	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-0315	5.60	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	5/18/2015	PDB	USEPA-8260B	107	0	24MW-04-107.0-0515	6.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	5/18/2015	PDB	USEPA-8260B	107	0	PL-115-0515	7.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	5/18/2015	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-0515	7.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	5/18/2015	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-0515	5.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	10/29/2015	PDB	USEPA-8260B	107	0	24MW-04-107.0-1015	8.90	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	10/29/2015	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-1015	8.90	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	10/29/2015	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-1015	6.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	8/22/2016	PDB Bailer	USEPA-8260B	107	0	24MW-04-107.0-0816	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	8/22/2016	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-0816	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/22/2016	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-0816A	10.5	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.50		
8/22/2016	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-0816	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00		
8/21/2018	HydraSleeve™	USEPA-8260B	108	0	24MW-04-20180821	6.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	
24MW-05A	12/18/2013	Hydropunch	USEPA-8260B	101.2	0	24MW-05-101.25	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	12/18/2013	Hydropunch	USEPA-8260B	115	0	24MW-05-115	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 2.00 U,N1	< 5.00 U,N1	
	12/18/2013	Hydropunch	USEPA-8260B	124	0	24MW-05-124	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 2.00 U,N1	< 5.00 U,N1	
	12/19/2013	Hydropunch	USEPA-8260B	134	0	24MW-05-134	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	4/11/2014	PDB	USEPA-8260B	101.8	0	24MW-05-101.8-0414	1.20	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	4/11/2014	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-0414	4.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	4/11/2014	PDB	USEPA-8260B	113.9	0	24MW-05-113.9-0414	18.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	4/11/2014	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-0414	18.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	4/11/2014	PDB	USEPA-8260B	119.9	0	PL-106-0414	19.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	4/11/2014	PDB	USEPA-8260B	125.9	0	24MW-05-125.9-0414	18.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	4/11/2014	PDB	USEPA-8260B	132	0	24MW-05-132.0-0414	17.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	5/21/2014	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-0514	5.30	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	5/21/2014	PDB	USEPA-8260B	107.8	0	PL-119-0514	5.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	5/21/2014	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-0514	34.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	5/21/2014	PDB	USEPA-8260B	132	0	24MW-05-132.0-0514	30.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
	12/17/2014	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-1214	1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-1214	1.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	132	0	24MW-05-132.0-1214	1.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00
	12/17/2014	PDB	USEPA-8260B	132	0	PL-115-1214	1.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 U,R6	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-0315	1.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
3/19/2015	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-0315	1.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
3/19/2015	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-0315A	1.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
3/19/2015	PDB	USEPA-8260B	132	0	24MW-05-132.0-0315	1.30	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
5/18/2015	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-0515	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
5/18/2015	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-0515A	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	

TABLE 6: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

CVOCs

East Central Phoenix – 24th Street and Grand Canal WQARF Site

Phoenix, Arizona

December 2018

						Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Chloromethane
						CAS	127-18-4	79-01-6	156-59-2	75-35-4	75-01-4	71-55-6	107-06-2	78-87-5	74-87-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	5	70	7	2	200	5	5	NE
						Sample ID									
24MW-05A	5/18/2015	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-0515	1.20	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	132	0	24MW-05-132.0-0515	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-1015	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-1015	1.70	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	132	0	24MW-05-132.0-1015	1.70	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	8/22/2016	PDB Bailer	USEPA-8260B	107.8	0	24MW-05-107.8-0816	1.30	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 2.00 U,N1	< 5.00 U,N1
	8/22/2016	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-0816	3.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	8/22/2016	PDB	USEPA-8260B	132	0	24MW-05-132.0-0816	3.70	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
24MW-06B	8/22/2016	PDB	USEPA-8260B	132	0	24MW-05-132.0-0816A	3.03	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.50
	1/9/2015	SimP	USEPA-8260B	131	0	24MW-06-131-0115	36.0	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,L5 N1	< 1.00 U,L5 N1	< 1.00 U,N1	< 1.00 U,N1	< 2.00 U,N1	< 5.00 U,L5 N1
	1/12/2015	SimP	USEPA-8260B	175	0	24MW-06-175-0115	3.50	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 2.00 U,N1	< 5.00 U,N1
	3/19/2015	PDB	USEPA-8260B	149.4	0	24MW-06-149.4-0315	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	155.2	0	24MW-06-155.2-0315	10.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	161.1	0	24MW-06-161.1-0315	9.90	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	161.1	0	24MW-06-161.1-0315A	9.90	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
	3/19/2015	PDB	USEPA-8260B	166.9	0	24MW-06-166.9-0315	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	172.7	0	24MW-06-172.7-0315	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	178.6	0	24MW-06-178.6-0315	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	178.6	0	PL-119-0315	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	184.4	0	24MW-06-184.4-0315	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	149.4	0	24MW-06B-149.4-0515	9.30	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	184.4	0	24MW-06B-184.4-0515	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	184.4	0	24MW-06B-184.4-0515A	10.9	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
	10/29/2015	PDB	USEPA-8260B	149.4	0	24MW-06B-149.4-1015	7.60	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	184.4	0	24MW-06B-184.4-1015	7.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	8/22/2016	PDB Bailer	USEPA-8260B	149.4	0	24MW-06B-149.4-0816	12.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	8/22/2016	PDB	USEPA-8260B	184.4	0	24MW-06B-184.4-0816	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
8/22/2016	PDB	USEPA-8260B	184.4	0	PL-519-0816	9.60	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/21/2018	HydraSleeve™	USEPA-8260B	150	0	24MW-06-20180821	8.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	
24MW-07A	1/17/2015	Hydropunch	USEPA-8260B	111	0	24MW-07-111-0115	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 2.00 U,N1	< 5.00 U,R6 N1
	1/28/2015	UNK	USEPA-8260B	122	0	24MW-07A-0115	3.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	96.8	0	24MW-07-96.8-0315	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	96.8	0	PL-120-0315	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	102.9	0	24MW-07-102.9-0315	1.30	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	108.9	0	24MW-07-108.9-0315	2.20	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	115	0	24MW-07-115.0-0315	2.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	121	0	24MW-07-121.0-0315	2.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	108.9	0	24MW-07A-108.9-0515	2.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	108.9	0	24MW-07A-108.9-1015	2.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	108.9	0	24MW-07A-108.9-1015A	2.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UV1,L1
	8/22/2016	PDB Bailer	USEPA-8260B	108.9	0	24MW-07A-108.9-0816	6.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00

TABLE 6: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CVOCs
East Central Phoenix – 24th Street and Grand Canal WQARF Site
Phoenix, Arizona
December 2018

						Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Chloromethane
						CAS	127-18-4	79-01-6	156-59-2	75-35-4	75-01-4	71-55-6	107-06-2	78-87-5	74-87-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS Sample ID	5	5	70	7	2	200	5	5	NE
24MW-07A	8/21/2018	HydraSleeve™	USEPA-8260B	110	0	24MW-07-20180821	1.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
24MW-08B	1/24/2015	Hydropunch	USEPA-8260B	95	0	24MW-08-95-0115	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	1/24/2015	Hydropunch	USEPA-8260B	115	0	24MW-08-115-0115	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	1/24/2015	Hydropunch	USEPA-8260B	125	0	24MW-08-125-0115	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	1/25/2015	Hydropunch	USEPA-8260B	175	0	24MW-08-175-0115	1.00	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 2.00 U,N1	< 5.00 U,N1
	1/29/2015	UNK	USEPA-8260B	185	0	24MW-08B-0115	3.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	149.3	0	24MW-08-149.3-0315	3.90	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	155	0	24MW-08-155.0-0315	3.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	160.8	0	24MW-08-160.8-0315	3.70	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	166.6	0	24MW-08-166.6-0315	3.80	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	172.3	0	24MW-08-172.3-0315	3.70	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	178.1	0	24MW-08-178.1-0315	3.60	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	178.1	0	24MW-08-178.1-0315A	3.20	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	183.8	0	24MW-08-183.8-0315	4.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	149.3	0	24MW-08B-149.3-0515	6.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	183.8	0	24MW-08B-183.8-0515	7.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	183.8	0	PL-116-0515	6.80	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	149.3	0	24MW-08B-149.3-1015	9.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	183.8	0	24MW-08B-183.8-1015	8.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
8/22/2016	PDB	USEPA-8260B	149.3	0	24MW-08B-149.3-0816A	8.06	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.50	
8/22/2016	PDB Bailer	USEPA-8260B	149.3	0	24MW-08B-149.3-0816	9.90	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/22/2016	PDB	USEPA-8260B	183.8	0	24MW-08B-183.8-0816	9.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
24MW-09A	2/9/2015	Hydropunch	USEPA-8260B	94	0	24MW-09-94	1.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	2/10/2015	Hydropunch	USEPA-8260B	115	0	24MW-09-115-0215	3.80	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	95	0	24MW-09-95.0-0315	1.70	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	101.1	0	24MW-09-101.1-0315	1.90	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	107.2	0	24MW-09-107.2-0315	2.60	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	113.3	0	24MW-09-113.3-0315	4.30	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	113.3	0	PL-121-0315	3.80	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	119.4	0	24MW-09-119.4-0315	5.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	125.5	0	24MW-09-125.5-0315	3.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	107.2	0	24MW-09A-107.2-0515	2.80	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	119.4	0	24MW-09A-119.4-0515	5.70	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	107.2	0	24MW-09A-107.2-1015	4.20	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	119.4	0	24MW-09A-119.4-1015	6.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	8/22/2016	PDB	USEPA-8260B	107.2	0	24MW-09A-107.2-0816	7.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
8/22/2016	PDB Bailer	USEPA-8260B	119.4	0	24MW-09A-119.4-0816	9.80	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/22/2016	PDB Bailer	USEPA-8260B	119.4	0	PL-520-0816	9.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
24MW-10A	8/21/2018	HydraSleeve™	USEPA-8260B	120	0	24MW-09-20180821	6.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
	1/22/2015	Hydropunch	USEPA-8260B	100	0	24MW-10-100-0115	14.0	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 2.00 U,N1	< 5.00 U,N1
	1/22/2015	Hydropunch	USEPA-8260B	125	0	24MW-10-125-0115	28.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00

TABLE 6: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CVOCs
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

						Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Chloromethane
						CAS	127-18-4	79-01-6	156-59-2	75-35-4	75-01-4	71-55-6	107-06-2	78-87-5	74-87-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	5	70	7	2	200	5	5	NE
						Sample ID									
24MW-10A	3/19/2015	PDB	USEPA-8260B	103.1	0	24MW-10-103.1-0315	3.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	108.2	0	24MW-10-108.2-0315	4.90	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	108.2	0	24MW-10-108.2-0315A	4.80	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
	3/19/2015	PDB	USEPA-8260B	113.3	0	24MW-10-113.3-0315	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	118.5	0	24MW-10-118.5-0315	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	123.6	0	24MW-10-123.6-0315	11.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	3/19/2015	PDB	USEPA-8260B	128.8	0	24MW-10-128.8-0315	7.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	113.3	0	24MW-10A-113.3-0515	16.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	113.3	0	PL-117-0515	17.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	5/18/2015	PDB	USEPA-8260B	128.8	0	24MW-10A-128.8-0515	13.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	113.3	0	24MW-10A-113.3-1015	17.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	128.8	0	24MW-10A-128.8-1015	14.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
	10/29/2015	PDB	USEPA-8260B	128.8	0	PL-513-1015	13.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
8/22/2016	PDB Bailer	USEPA-8260B	113.3	0	24MW-10A-113.3-0816	28.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/22/2016	PDB	USEPA-8260B	128.8	0	24MW-10A-128.8-0816	28.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00	
8/22/2018	HydraSleeve™	USEPA-8260B	114	0	24MW-10-20180822	21	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
24MW-10B	11/2/2016	Hydropunch	USEPA-8021B Modified	106	0	24MW-10B-106	5.80	< 0.250	--	--	--	--	--	--	--
	11/2/2016	Hydropunch	USEPA-8021B Modified	125	0	24MW-10B-125	46.0	< 0.250	--	--	--	--	--	--	--
	11/2/2016	Hydropunch	USEPA-8021B Modified	145	0	24MW-10B-145	8.00	< 0.250	--	--	--	--	--	--	--
	11/2/2016	Hydropunch	USEPA-8021B Modified	165	0	24MW-10B-165	18.0	< 0.250	--	--	--	--	--	--	--
	11/2/2016	Hydropunch	USEPA-8021B Modified	185	0	24MW-10B-185	6.10	< 0.250	--	--	--	--	--	--	--
	11/2/2016	Hydropunch	USEPA-8021B Modified	205	0	24MW-10B-205	6.00	< 0.250	--	--	--	--	--	--	--
	11/3/2016	Hydropunch	USEPA-8021B Modified	225	0	24MW-10B-225	0.620	< 0.250	--	--	--	--	--	--	--
11/3/2016	Hydropunch	USEPA-8021B Modified	245	0	24MW-10B-245	0.660	< 0.250	--	--	--	--	--	--	--	
24MW-11	11/10/2016	Hydropunch	USEPA-8021B Modified	96	0	24MW-11-96	14.0	< 0.250	--	--	--	--	--	--	--
	11/10/2016	Hydropunch	USEPA-8021B Modified	115	0	24MW-11-115	17.0	< 0.250	--	--	--	--	--	--	--
	11/10/2016	Hydropunch	USEPA-8021B Modified	135	0	24MW-11-135	12.0	< 0.250	--	--	--	--	--	--	--
	11/11/2016	Hydropunch	USEPA-8021B Modified	155	0	24MW-11-155	3.30	< 0.250	--	--	--	--	--	--	--
	11/12/2016	Hydropunch	USEPA-8021B Modified	166	0	24MW-11-166	2.90	< 0.250	--	--	--	--	--	--	--
	11/12/2016	Hydropunch	USEPA-8021B Modified	185	0	24MW-11-185	2.00	< 0.250	--	--	--	--	--	--	--
11/12/2016	Hydropunch	USEPA-8021B Modified	205	0	24MW-11-205	3.00	< 0.250	--	--	--	--	--	--	--	
24MW-12	2/14/2017	Hydropunch	USEPA-8260B	98	0	24-MW-12-98	1.30	< 0.250	< 0.250	--	--	--	--	--	--
	2/14/2017	Hydropunch	USEPA-8260B	125	0	24-MW-12-125	1.60	< 0.250	< 0.250	--	--	--	--	--	--
	2/15/2017	Hydropunch	USEPA-8260B	145	0	24-MW-12-145	< 0.250	< 0.250	< 0.250	--	--	--	--	--	--
	2/15/2017	Hydropunch	USEPA-8260B	165	0	24-MW-12-165	0.380	< 0.250	< 0.250	--	--	--	--	--	--
	2/15/2017	Hydropunch	USEPA-8260B	185	0	24-MW-12-185	5.10	< 0.250	< 0.250	--	--	--	--	--	--
	2/15/2017	Hydropunch	USEPA-8260B	205	0	24-MW-12-205	< 0.250	< 0.250	< 0.250	--	--	--	--	--	--
	2/16/2017	Hydropunch	USEPA-8260B	225	0	24-MW-12-225	15.0	1.30	3.60	--	--	--	--	--	--
	2/16/2017	Hydropunch	USEPA-8260B	245	0	24-MW-12-245	11.0	0.550	2.10	--	--	--	--	--	--
2/16/2017	Hydropunch	USEPA-8260B	265	0	24-MW-12-265	5.50	< 0.250	0.590	--	--	--	--	--	--	
2/17/2017	Hydropunch	USEPA-8260B	285	0	24-MW-12-285	1.60	< 0.250	< 0.250	--	--	--	--	--	--	

TABLE 6: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CVOCs
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

						Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Chloromethane
						CAS	127-18-4	79-01-6	156-59-2	75-35-4	75-01-4	71-55-6	107-06-2	78-87-5	74-87-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	5	70	7	2	200	5	5	NE
						Sample ID									
24MW-12	2/17/2017	Hydropunch	USEPA-8260B	305	0	24-MW-12-305	4.10	0.260	0.970	--	--	--	--	--	--
	2/21/2017	Hydropunch	USEPA-8260B	325	0	24-MW-12-325	0.680	< 0.250	< 0.250	--	--	--	--	--	--
	2/21/2017	Hydropunch	USEPA-8260B	345	0	24-MW-12-345	0.590	< 0.250	< 0.250	--	--	--	--	--	--
24MW-13A	8/21/2018	HydraSleeve™	USEPA-8260B	245	0	24MW-13-20180821	5.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
24MW-14	8/21/2018	HydraSleeve™	USEPA-8260B	290	0	24MW-14-20180821	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
SRP16E-6.8N	6/26/1990	UNK	USEPA-601	NR	0	16.0E-06.8N_06261990SRP	1.20	--	--	--	--	--	--	--	--
	6/26/1990	UNK	USEPA-601	NR	0	16.0E-06.8N06261990SRP	1.20	--	--	--	--	--	--	--	--
	6/17/1991	UNK	USEPA-601	NR	0	16.0E-06.8N_06171991SRP	3.80	--	--	--	--	--	--	--	--
	6/17/1991	UNK	USEPA-601	NR	0	16.0E-06.8N06171991SRP	3.80	--	--	--	--	--	--	--	--
	9/11/1992	UNK	USEPA-601	NR	0	16.0E-06.8N_09111992SRP	5.30	--	--	--	--	--	--	--	--
	9/11/1992	UNK	USEPA-601	NR	0	16.0E-06.8N09111992SRP	5.30	--	--	--	--	--	--	--	--
	7/13/1993	UNK	USEPA-601	NR	0	16.0E-06.8N_07131993SRP	7.10	--	--	--	--	--	--	--	--
	7/13/1993	UNK	USEPA-601	NR	0	16.0E-06.8N07131993SRP	7.10	--	--	--	--	--	--	--	--
	6/7/1994	UNK	USEPA-601	NR	0	16.0E-06.8N_06071994SRP	5.20	--	--	--	--	--	--	--	--
	6/7/1994	UNK	USEPA-601	NR	0	16.0E-06.8N06071994SRP	5.20	--	--	--	--	--	--	--	--
	12/28/1995	UNK	USEPA-601	NR	0	16.0E-06.8N_12281995SRP	8.80	--	--	--	--	--	--	--	--
	12/28/1995	UNK	USEPA-601	NR	0	16.0E-06.8N12281995SRP	8.80	--	--	--	--	--	--	--	--
	9/16/1996	UNK	USEPA-601	NR	0	16.0E-06.8N_09161996SRP	7.20	--	--	--	--	--	--	--	--
	9/16/1996	UNK	USEPA-601	NR	0	16.0E-06.8N09161996SRP	7.20	--	--	--	--	--	--	--	--
	7/30/1998	UNK	USEPA-601	NR	0	16.0E-06.8N_07301998SRP	8.00	--	--	--	--	--	--	--	--
	7/30/1998	UNK	USEPA-601	NR	0	16.0E-06.8N07301998SRP	8.00	--	--	--	--	--	--	--	--
	2/4/1999	UNK	USEPA-601	NR	0	16.0E-06.8N_02041999SRP	8.70	--	--	--	--	--	--	--	--
	2/4/1999	UNK	USEPA-601	NR	0	16.0E-06.8N02041999SRP	8.70	--	--	--	--	--	--	--	--
	12/6/1999	UNK	USEPA-601	NR	0	16.0E-06.8N_12061999SRP	8.00	--	--	--	--	--	--	--	--
	12/6/1999	UNK	USEPA-601	NR	0	16.0E-06.8N12061999SRP	8.00	--	--	--	--	--	--	--	--
	3/2/2000	UNK	USEPA-601	NR	0	16.0E-06.8N_03022000SRP	8.40	--	--	--	--	--	--	--	--
	3/2/2000	UNK	USEPA-601	NR	0	16.0E-06.8N03022000SRP	8.40	--	--	--	--	--	--	--	--
	12/10/2001	UNK	USEPA-601	NR	0	16.0E-06.8N_12102001SRP	9.10	--	--	--	--	--	--	--	--
	12/10/2001	UNK	USEPA-601	NR	0	16.0E-06.8N12102001SRP	9.10	--	--	--	--	--	--	--	--
	3/26/2002	UNK	USEPA-601	NR	0	16.0E-06.8N_03262002SRP	7.40	--	--	--	--	--	--	--	--
	3/26/2002	UNK	USEPA-601	NR	0	16.0E-06.8N03262002SRP	7.40	--	--	--	--	--	--	--	--
	3/6/2003	UNK	USEPA-601	NR	0	16.0E-06.8N_03062003SRP	8.90	--	--	--	--	--	--	--	--
	3/6/2003	UNK	USEPA-601	NR	0	16.0E-06.8N03062003SRP	8.90	--	--	--	--	--	--	--	--
	2/18/2004	UNK	USEPA-601	NR	0	16.0E-06.8N_02182004SRP	6.80	--	--	--	--	--	--	--	--
	2/18/2004	UNK	USEPA-601	NR	0	16.0E-06.8N02182004SRP	6.80	--	--	--	--	--	--	--	--
3/23/2005	UNK	USEPA-601	NR	0	16.0E-06.8N_03232005SRP	12.0	--	--	--	--	--	--	--	--	
3/23/2005	UNK	USEPA-601	NR	0	16.0E-06.8N03232005SRP	12.0	--	--	--	--	--	--	--	--	
3/14/2006	UNK	USEPA-601	NR	0	16.0E-06.8N_03142006SRP	9.90	--	--	--	--	--	--	--	--	
3/14/2006	UNK	USEPA-601	NR	0	16.0E-06.8N03142006SRP	9.90	--	--	--	--	--	--	--	--	
3/14/2006	UNK	USEPA-8260B	NR	0	16.0E-6.8N-03142006	9.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
5/15/2007	UNK	USEPA-601	NR	0	16.0E-06.8N_05152007SRP	8.90	--	--	--	--	--	--	--	--	--

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CVOCs

East Central Phoenix – 24th Street and Grand Canal WQARF Site

Phoenix, Arizona

December 2018

						Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Chloromethane
						CAS	127-18-4	79-01-6	156-59-2	75-35-4	75-01-4	71-55-6	107-06-2	78-87-5	74-87-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	5	70	7	2	200	5	5	NE
						Sample ID									
SRP16E-6.8N	5/15/2007	UNK	USEPA-601	NR	0	16.0E-06.8N05152007SRP	8.90	--	--	--	--	--	--	--	--
	10/15/2007	UNK	USEPA-8260B	NR	0	16.0E-6.8N-10152007	12.0	< 1.00 UR6	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.50
	10/15/2007	UNK	USEPA-8260B	NR	0	16.0E-6.8ND-10152007	12.0	< 1.00 UR6	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.50
	3/19/2008	UNK	USEPA-601	NR	0	16.0E-06.8N_03192008SRP	9.70	--	--	--	--	--	--	--	--
	3/19/2008	UNK	USEPA-601	NR	0	16.0E-06.8N03192008SRP	9.70	--	--	--	--	--	--	--	--
	4/21/2008	UNK	USEPA-8260B	NR	0	16.0E-6.8N-04212008	12.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.50
	4/21/2008	UNK	USEPA-8260B	0	0	16.0E-6.8N-04212008_DEQ	8.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.50
	4/21/2008	UNK	USEPA-8260B	0	4	16.0E-6.8N-04212008_DEQ	12.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.50
	10/8/2008	UNK	USEPA-8260B	NR	0	16.0E-6.8N-10082008	8.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.50
	10/8/2008	UNK	USEPA-8260B	NR	0	16.0E-6.8N-600-10082008	10.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.50
	10/8/2008	UNK	USEPA-8260B	0	0	16.0E-6.8N-600-10082008_D	10.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.50
	6/2/2009	UNK	USEPA-524.2	NR	0	16.0E-06.8N_06022009SRP	8.30	--	--	--	--	--	--	--	--
	6/2/2009	UNK	USEPA-524.2	NR	0	16.0E-06.8N06022009SRP	8.30	--	--	--	--	--	--	--	--
	7/31/2009	UNK	USEPA-524.2	0	0	16.0E-06.8N-07312009_DEQ	8.30	< 0.500 UN1	< 0.500 UN1	--	< 0.500 UN1	< 0.500 UN1	< 0.500 UN1	< 0.500 UN1	< 0.500 UN1
	7/31/2009	UNK	USEPA-524.2	0	4	16.0E-06.8N-07312009_DEQ	--	--	--	< 0.500 UN1	--	--	--	--	--
	1/25/2010	UNK	USEPA-624	NR	0	16.0E-06.8N_01252010SRP	8.40	--	--	--	--	--	--	--	--
	1/25/2010	UNK	USEPA-624	NR	0	16.0E-06.8N01252010SRP	8.40	--	--	--	--	--	--	--	--
	1/28/2010	UNK	Unknown	NR	0	SRP16E-6.8N-20100128	8.40	ND	--	--	--	--	--	--	--
	1/20/2011	UNK	USEPA-624	NR	0	16.0E-06.8N_01202011SRP	6.10	--	--	--	--	--	--	--	--
	1/20/2011	UNK	USEPA-624	NR	0	16.0E-06.8N01202011SRP	6.10	--	--	--	--	--	--	--	--
	2/2/2011	UNK	Unknown	NR	0	SRP16E-6.8N-20110202	6.10	ND	--	--	--	--	--	--	--
	1/17/2012	UNK	USEPA-624	NR	0	16.0E-06.8N_01172012SRP	6.10	--	--	--	--	--	--	--	--
	1/17/2012	UNK	USEPA-624	NR	0	16.0E-06.8N01172012SRP	6.10	--	--	--	--	--	--	--	--
1/7/2013	UNK	USEPA-624	NR	0	16.0E-06.8N_01072013SRP	5.40	--	--	--	--	--	--	--	--	
1/7/2013	UNK	USEPA-624	NR	0	16.0E-06.8N01072013SRP	5.40	--	--	--	--	--	--	--	--	
12/18/2013	UNK	USEPA-8260B	NR	0	16E-6.8N-1213	2.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 5.00
1/14/2014	UNK	USEPA-624	NR	0	16.0E-06.8N_01142014SRP	5.10	--	--	--	--	--	--	--	--	
1/14/2014	UNK	USEPA-624	NR	0	16.0E-06.8N01142014SRP	5.10	< 0.500	--	--	--	--	--	--	--	
2/11/2015	UNK	USEPA-624	NR	0	16.0E-06.8N02112015SRP	4.70	< 0.500	--	--	--	--	--	--	--	

TABLE 6: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CVOCs
East Central Phoenix – 24th Street and Grand Canal WQARF Site
Phoenix, Arizona
December 2018

						Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	Chloromethane
						CAS	127-18-4	79-01-6	156-59-2	75-35-4	75-01-4	71-55-6	107-06-2	78-87-5	74-87-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS Sample ID	5	5	70	7	2	200	5	5	NE
24-SV-07	2/7/2018	Hydropunch	USEPA-8260B	105	0	24-SV-07-105	0.59	< 0.50	--	--	--	--	--	--	--
24-SV-08	2/8/2018	Hydropunch	USEPA-8260B	105	0	24-SV-08-105	480	0.87	--	--	--	--	--	--	--
24-SV-09	2/10/2018	Hydropunch	USEPA-8260B	105	0	24-SV-09-105	4.0	< 0.12	--	--	--	--	--	--	--

Notes & Acronyms:

All units in micrograms per liter (µg/L)

BOLD = Laboratory results equal or exceed the Aquifer Water Quality Standard (AWQS)

The reported sample depths were inferred to be measured as feet below top of casing (ft btoc); however, this information was not clearly presented in the referenced historical data sources. The method of sample depth calculation was not clearly defined in a consistent manner in the referenced historical data sources.

-- = "Not analyzed; not available; or not applicable" as noted by prior consultants

CAS = Chemical Abstracts Service

CVOCs = chlorinated volatile organic compounds

ft btoc = feet below top of casing

HydraSleeve™ = The sample depths coincide with the top of the HydraSleeve™ sampler. The HydraSleeve™ sampler was set in well at mid-screen; however, if the depth to water was lower than the screened interval, then the sampler was set in well between the top of water and the bottom of screen.

NE = Aquifer Water Quality Standard not established

NR = not recorded

PDB = passive diffusion bag used to analyze for VOCs

PDB Bailer = passive diffusion bag bailer used to analyze for parameters other than VOCs

UNK = sample method unknown, not provided, or provided as "Discrete Interval Sampler" in original data source

USEPA = United States Environmental Protection Agency

Well ID = well identification

WQARF = Water Quality Assurance Revolving Fund

Laboratory Notes & Qualifiers:

The laboratory data presented in this table was obtained directly from copies of analytical reports prepared by State of Arizona certified laboratories. The relevant analytical reports are provided in Appendix H to this report.

Data qualifiers presented in these tables are limited to those provided in the laboratory reports, and are not the result of a data verification or validation effort.

< N - Indicates below the minimum laboratory RL of N

D1 = Sample required dilution due to matrix

L1 = The associated blank spike recovery was above laboratory acceptance limits

L5 = The associated blank spike recovery was above laboratory/method acceptance limits. This analyte was not detected in the sample

N1 = The matrix spike duplicate recoveries for analytical batch 550-155410 were outside control limits for the following analytes: dichlorodifluoromethane. The target analyte also recovered high in the laboratory control sample and laboratory control sample duplicate.

The analyte was not detected in the sample and has been flagged with an N1 in the matrix spike duplicate and parent sample

ND = Reporting limit unknown; result was nondetect

R6 = Laboratory fortified duplicate/laboratory fortified blank duplicate relative percent difference exceeded method control limit. Recovery met acceptance criteria

V1 = Continuing calibration verification recovery was above method acceptance limits. This target analyte was not detected in the sample

U = Nondetect

TABLE 7: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Petroleum Hydrocarbons (PHCs)
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

						Analyte	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Methyl tert-Butyl Ether (MTBE)	2-butanone (MEK)	Isopropylbenzene	Diisopropyl Ether
						CAS	71-43-2	108-88-3	100-41-4	1330-20-7	1634-04-4	78-93-3	98-82-8	108-20-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	1,000	700	10,000	NE	NE	NE	NE
						Sample ID								
24AS-01	10/22/2013	PDB	USEPA-8260B	91.1	0	AS-01-91.1-1013	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0 U,V1	< 2.00	--
	10/22/2013	PDB	USEPA-8260B	96.3	0	AS-01-96.3-1013	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0 U,V1	< 2.00	--
	10/22/2013	PDB	USEPA-8260B	101.7	0	AS-01-101.7-1013	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0 U,V1	< 2.00	--
	10/22/2013	PDB	USEPA-8260B	106.9	0	AS-01-106.9-1013	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	10/22/2013	PDB	USEPA-8260B	106.9	0	AS-01-106.9-1013A	< 2.00	< 2.00	< 2.00	< 4.00	< 2.00	< 20.0	< 2.00	--
	10/22/2013	PDB	USEPA-8260B	112.2	0	AS-01-112.2-1013	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	101.6	0	AS-01-101.6-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	101.6	0	AS-01-101.6-0514A	< 10.0	< 10.0	< 10.0	< 20.0	--	--	< 10.0	--
	5/21/2014	PDB	USEPA-8260B	112.2	0	AS-01-112.2-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/22/2014	HydraSleeve™	USEPA-8260B	95.2	0	AS-01-95.2-0514H	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	96.3	0	AS-01-96.3-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	101.6	0	AS-01-101.6-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	101.6	0	AS-01-101.6-1214A	< 25.0	< 25.0	< 25.0	< 50.0	--	--	< 25.0	--
	12/17/2014	PDB	USEPA-8260B	112.2	0	AS-01-112.2-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	112.2	0	PL-117-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	96.3	0	AS-01_24-96.3-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	96.3	0	PL-118-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	101.6	0	AS-01_24-101.6-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	112.2	0	AS-01_24-112.2-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	96.3	0	AS-01_24-96.3-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	101.6	0	AS-01_24-101.6-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	101.6	0	AS-01_24-101.6-0515A	< 1.00	< 1.00	< 1.00	< 2.00	--	--	< 1.00	--
	5/18/2015	PDB	USEPA-8260B	112.2	0	AS-01_24-112.2-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	96.3	0	AS-01_24-96.3-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	101.6	0	AS-01_24-101.6-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	101.6	0	PL-511-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
10/29/2015	PDB	USEPA-8260B	112.2	0	AS-01_24-112.2-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
8/22/2016	PDB Bailer	USEPA-8260B	96.3	0	24AS-01-96.3-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
8/22/2016	PDB	USEPA-8260B	101.6	0	24AS-01-101.6-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
8/22/2016	PDB	USEPA-8260B	112.2	0	24AS-01-112.2-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
8/22/2018	HydraSleeve™	USEPA-8260B	106	0	24AS-01-20180822	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 15 U;D1	< 5.0 U;D1	< 50 U;D1	< 5.0 U;D1	--	
8/22/2018	HydraSleeve™	USEPA-8260B	106	1	24AS-01-20180822-Dup	< 5.0 U;D1	< 5.0 U;D1	< 5.0 U;D1	< 15 U;D1	< 5.0 U;D1	< 50 U;D1	< 5.0 U;D1	--	
24MW-01A	12/5/2013	Hydropunch	USEPA-8260B	97	0	24MW-01-97	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	12/5/2013	Hydropunch	USEPA-8260B	115	0	24MW-01-115	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	12/5/2013	Hydropunch	USEPA-8260B	125	0	24MW-01-125	< 1.00	1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	104.9	0	24MW-01-104.9-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	110.5	0	24MW-01-110.5-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	116.2	0	24MW-01-116.2-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	121.8	0	24MW-01-121.8-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	121.8	0	PL-109-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
5/21/2014	PDB	USEPA-8260B	104.9	0	24MW-01-104.9-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
24MW-01A	12/17/2014	PDB	USEPA-8260B	93.7	0	24MW-01-93.7-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--

TABLE 7: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Petroleum Hydrocarbons (PHCs)
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

						Analyte	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Methyl tert-Butyl Ether (MTBE)	2-butanone (MEK)	Isopropylbenzene	Diisopropyl Ether
						CAS	71-43-2	108-88-3	100-41-4	1330-20-7	1634-04-4	78-93-3	98-82-8	108-20-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	1,000	700	10,000	NE	NE	NE	NE
						Sample ID								
24MW-01A	12/17/2014	PDB	USEPA-8260B	99.3	0	24MW-01-99.3-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	104.9	0	24MW-01-104.9-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	93.7	0	24MW-01-93.7-0315	< 1.00	1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	99.3	0	24MW-01-99.3-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	104.9	0	24MW-01-104.9-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	104.9	0	PL-117-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	93.7	0	24MW-01-93.7-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	99.3	0	24MW-01-99.3-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	104.9	0	24MW-01-104.9-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	93.7	0	24MW-01-93.7-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	99.3	0	24MW-01-99.3-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	104.9	0	24MW-01-104.9-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB	USEPA-8260B	93.7	0	24MW-01-93.7-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
8/22/2016	PDB	USEPA-8260B	99.3	0	24MW-01-99.3-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
8/22/2016	PDB Bailor	USEPA-8260B	104.9	0	24MW-01-104.9-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
8/21/2018	HydraSleeve™	USEPA-8260B	106	0	24MW-01-20180821	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	--	
24MW-02A	4/11/2014	PDB	USEPA-8260B	96.7	0	24MW-02-96.7-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	101.9	0	24MW-02-101.9-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	112.3	0	24MW-02-112.3-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	122.7	0	24MW-02-122.7-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	107.1	0	PL-120-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-0315A	< 1.00	< 1.00	< 1.00	< 2.00	--	--	< 1.00	--
	3/19/2015	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
5/18/2015	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
10/29/2015	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
10/29/2015	PDB	USEPA-8260B	117.5	0	24MW-02-117.5-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
10/29/2015	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	

TABLE 7: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Petroleum Hydrocarbons (PHCs)
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

						Analyte	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Methyl tert-Butyl Ether (MTBE)	2-butanone (MEK)	Isopropylbenzene	Diisopropyl Ether
						CAS	71-43-2	108-88-3	100-41-4	1330-20-7	1634-04-4	78-93-3	98-82-8	108-20-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	1,000	700	10,000	NE	NE	NE	NE
						Sample ID								
24MW-02A	8/22/2016	PDB	USEPA-8260B	107.1	0	24MW-02-107.1-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB Bailer	USEPA-8260B	117.5	0	24MW-02-117.5-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB	USEPA-8260B	127.9	0	24MW-02-127.9-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/21/2018	HydraSleeve™	USEPA-8260B	108	0	24MW-02-20180821	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	--
24MW-03A	4/11/2014	PDB	USEPA-8260B	95.4	0	24MW-03-95.4-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	95.4	0	PL-107-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	100.9	0	24MW-03-100.9-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	112.1	0	24MW-03-112.1-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	117.6	0	24MW-03-117.6-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	123.2	0	24MW-03-123.2-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	128.8	0	24MW-03-128.8-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	128.3	0	24MW-03-128.3-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	128.8	0	24MW-03-128.8-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	128.8	0	24MW-03-128.8-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	128.8	0	24MW-03-128.8-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-1015A	< 1.00	< 1.00	< 1.00	< 2.00	--	--	< 1.00	--
	10/29/2015	PDB	USEPA-8260B	128.8	0	24MW-03-128.8-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB	USEPA-8260B	106.5	0	24MW-03-106.5-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
8/22/2016	PDB Bailer	USEPA-8260B	128.8	0	24MW-03-128.8-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
8/22/2016	PDB Bailer	USEPA-8260B	128.8	0	PL-517-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
8/21/2018	HydraSleeve™	USEPA-8260B	130	0	24MW-03-20180821	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	--	
24MW-04A	4/11/2014	PDB	USEPA-8260B	95.9	0	24MW-04-95.9-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	101.4	0	24MW-04-101.4-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	107	0	24MW-04-107.0-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	112.6	0	24MW-04-112.6-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	123.7	0	24MW-04-123.7-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	107	0	24MW-04-107.0-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	107	0	24MW-04-107.0-0514A	< 1.00	< 1.00	< 1.00	< 2.00	--	--	< 1.00	--
	5/21/2014	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	107	0	24MW-04-107.0-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--

TABLE 7: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Petroleum Hydrocarbons (PHCs)
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

						Analyte	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Methyl tert-Butyl Ether (MTBE)	2-butanone (MEK)	Isopropylbenzene	Diisopropyl Ether
						CAS	71-43-2	108-88-3	100-41-4	1330-20-7	1634-04-4	78-93-3	98-82-8	108-20-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	1,000	700	10,000	NE	NE	NE	NE
						Sample ID								
24MW-04A	12/17/2014	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-1214A	< 1.00	< 1.00	< 1.00	< 2.00	--	--	< 1.00	--
	3/19/2015	PDB	USEPA-8260B	107	0	24MW-04-107.0-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	107	0	24MW-04-107.0-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	107	0	PL-115-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	107	0	24MW-04-107.0-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB Bailer	USEPA-8260B	107	0	24MW-04-107.0-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB	USEPA-8260B	118.1	0	24MW-04-118.1-0816A	< 1.00	< 5.00	< 1.00	< 3.00	--	--	< 1.00	--
8/22/2016	PDB	USEPA-8260B	129.3	0	24MW-04-129.3-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
8/21/2018	HydraSleeve™	USEPA-8260B	108	0	24MW-04-20180821	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	--	
24MW-05A	12/18/2013	Hydropunch	USEPA-8260B	101.2	0	24MW-05-101.25	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	12/18/2013	Hydropunch	USEPA-8260B	115	0	24MW-05-115	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 3.00 U,N1	< 1.00 U,N1	< 10.0 U,N1	< 2.00 U,N1	--
	12/18/2013	Hydropunch	USEPA-8260B	124	0	24MW-05-124	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 3.00 U,N1	< 1.00 U,N1	< 10.0 U,N1	< 2.00 U,N1	--
	12/19/2013	Hydropunch	USEPA-8260B	134	0	24MW-05-134	< 1.00	1.80	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	101.8	0	24MW-05-101.8-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	113.9	0	24MW-05-113.9-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	119.9	0	PL-106-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	125.9	0	24MW-05-125.9-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	4/11/2014	PDB	USEPA-8260B	132	0	24MW-05-132.0-0414	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	107.8	0	PL-119-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/21/2014	PDB	USEPA-8260B	132	0	24MW-05-132.0-0514	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	132	0	24MW-05-132.0-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	12/17/2014	PDB	USEPA-8260B	132	0	PL-115-1214	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
3/19/2015	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-0315A	< 1.00	< 1.00	< 1.00	< 2.00	--	--	< 1.00	--	
3/19/2015	PDB	USEPA-8260B	132	0	24MW-05-132.0-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
5/18/2015	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
5/18/2015	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-0515A	< 1.00	< 1.00	< 1.00	< 2.00	--	--	< 1.00	--	

TABLE 7: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Petroleum Hydrocarbons (PHCs)
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

						Analyte	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Methyl tert-Butyl Ether (MTBE)	2-butanone (MEK)	Isopropylbenzene	Diisopropyl Ether
						CAS	71-43-2	108-88-3	100-41-4	1330-20-7	1634-04-4	78-93-3	98-82-8	108-20-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	1,000	700	10,000	NE	NE	NE	NE
						Sample ID								
24MW-05A	5/18/2015	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	132	0	24MW-05-132.0-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	107.8	0	24MW-05-107.8-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	132	0	24MW-05-132.0-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB Bailer	USEPA-8260B	107.8	0	24MW-05-107.8-0816	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 3.00 U,N1	--	--	< 2.00 U,N1	--
	8/22/2016	PDB	USEPA-8260B	119.9	0	24MW-05-119.9-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB	USEPA-8260B	132	0	24MW-05-132.0-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
24MW-06B	8/22/2016	PDB	USEPA-8260B	132	0	24MW-05-132.0-0816A	< 1.00	< 5.00	< 1.00	< 3.00	--	--	< 1.00	--
	1/9/2015	SimP	USEPA-8260B	131	0	24MW-06-131-0115	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 3.00 U,N1	< 1.00 U,N1	< 10.0 U,N1	< 2.00 U,N1	--
	1/12/2015	SimP	USEPA-8260B	175	0	24MW-06-175-0115	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 3.00 U,N1	< 1.00 U,N1	< 10.0 U,N1	< 2.00 U,N1	--
	3/19/2015	PDB	USEPA-8260B	149.4	0	24MW-06-149.4-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	155.2	0	24MW-06-155.2-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	161.1	0	24MW-06-161.1-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	161.1	0	24MW-06-161.1-0315A	< 1.00	< 1.00	< 1.00	< 2.00	--	--	< 1.00	--
	3/19/2015	PDB	USEPA-8260B	166.9	0	24MW-06-166.9-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	172.7	0	24MW-06-172.7-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	178.6	0	24MW-06-178.6-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	178.6	0	PL-119-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	184.4	0	24MW-06-184.4-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	149.4	0	24MW-06B-149.4-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	184.4	0	24MW-06B-184.4-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	184.4	0	24MW-06B-184.4-0515A	< 1.00	< 1.00	< 1.00	< 2.00	--	--	< 1.00	--
	10/29/2015	PDB	USEPA-8260B	149.4	0	24MW-06B-149.4-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	184.4	0	24MW-06B-184.4-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB Bailer	USEPA-8260B	149.4	0	24MW-06B-149.4-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB	USEPA-8260B	184.4	0	24MW-06B-184.4-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB	USEPA-8260B	184.4	0	PL-519-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
8/21/2018	HydraSleeve™	USEPA-8260B	150	0	24MW-06-20180821	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	--	
24MW-07A	1/17/2015	Hydropunch	USEPA-8260B	111	0	24MW-07-111-0115	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 3.00 U,N1	< 1.00 U,N1	< 10.0 U,N1	< 2.00 U,N1	--
	1/28/2015	UNK	USEPA-8260B	122	0	24MW-07A-0115	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	96.8	0	24MW-07-96.8-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	96.8	0	PL-120-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	102.9	0	24MW-07-102.9-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	108.9	0	24MW-07-108.9-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	115	0	24MW-07-115.0-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	121	0	24MW-07-121.0-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	108.9	0	24MW-07A-108.9-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	108.9	0	24MW-07A-108.9-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	108.9	0	24MW-07A-108.9-1015A	< 1.00	< 1.00	< 1.00	< 2.00	--	--	< 1.00	--
	8/22/2016	PDB Bailer	USEPA-8260B	108.9	0	24MW-07A-108.9-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--

TABLE 7: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Petroleum Hydrocarbons (PHCs)
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

						Analyte	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Methyl tert-Butyl Ether (MTBE)	2-butanone (MEK)	Isopropylbenzene	Diisopropyl Ether
						CAS	71-43-2	108-88-3	100-41-4	1330-20-7	1634-04-4	78-93-3	98-82-8	108-20-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	1,000	700	10,000	NE	NE	NE	NE
						Sample ID								
24MW-07A	8/21/2018	HydraSleeve™	USEPA-8260B	110	0	24MW-07-20180821	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	--
24MW-08B	1/24/2015	Hydropunch	USEPA-8260B	95	0	24MW-08-95-0115	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	1/24/2015	Hydropunch	USEPA-8260B	115	0	24MW-08-115-0115	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	1/24/2015	Hydropunch	USEPA-8260B	125	0	24MW-08-125-0115	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	1/25/2015	Hydropunch	USEPA-8260B	175	0	24MW-08-175-0115	< 1.00 U,N1	< 1.00 U,N1	< 1.00 U,N1	< 3.00 U,N1	< 1.00 U,N1	< 10.0 U,N1	< 2.00 U,N1	--
	1/29/2015	UNK	USEPA-8260B	185	0	24MW-08B-0115	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	149.3	0	24MW-08-149.3-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	155	0	24MW-08-155.0-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	160.8	0	24MW-08-160.8-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	166.6	0	24MW-08-166.6-0315	< 1.00	1.10	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	172.3	0	24MW-08-172.3-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	178.1	0	24MW-08-178.1-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	178.1	0	24MW-08-178.1-0315A	< 1.00	< 1.00	< 1.00	< 2.00	--	--	< 1.00	--
	3/19/2015	PDB	USEPA-8260B	183.8	0	24MW-08-183.8-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	149.3	0	24MW-08B-149.3-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	183.8	0	24MW-08B-183.8-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	183.8	0	PL-116-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	149.3	0	24MW-08B-149.3-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	183.8	0	24MW-08B-183.8-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
8/22/2016	PDB	USEPA-8260B	149.3	0	24MW-08B-149.3-0816A	< 1.00	< 5.00	< 1.00	< 3.00	--	--	< 1.00	--	
8/22/2016	PDB Bailer	USEPA-8260B	149.3	0	24MW-08B-149.3-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
8/22/2016	PDB	USEPA-8260B	183.8	0	24MW-08B-183.8-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
24MW-09A	2/9/2015	Hydropunch	USEPA-8260B	94	0	24MW-09-94	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--
	2/10/2015	Hydropunch	USEPA-8260B	115	0	24MW-09-115-0215	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0 U,L5 R2	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	95	0	24MW-09-95.0-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	101.1	0	24MW-09-101.1-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	107.2	0	24MW-09-107.2-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	113.3	0	24MW-09-113.3-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	113.3	0	PL-121-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	119.4	0	24MW-09-119.4-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	125.5	0	24MW-09-125.5-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	107.2	0	24MW-09A-107.2-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	119.4	0	24MW-09A-119.4-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	107.2	0	24MW-09A-107.2-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	119.4	0	24MW-09A-119.4-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB	USEPA-8260B	107.2	0	24MW-09A-107.2-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
8/22/2016	PDB Bailer	USEPA-8260B	119.4	0	24MW-09A-119.4-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
8/22/2016	PDB Bailer	USEPA-8260B	119.4	0	PL-520-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
8/21/2018	HydraSleeve™	USEPA-8260B	120	0	24MW-09-20180821	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	--	
24MW-10A	1/22/2015	Hydropunch	USEPA-8260B	100	0	24MW-10-100-0115	3.10	2.10	< 1.00 U,N1	< 3.00 U,N1	< 1.00 U,N1 L5	< 10.0 U,N1	< 2.00 U,N1	--
	1/22/2015	Hydropunch	USEPA-8260B	125	0	24MW-10-125-0115	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00 U,L5	< 10.0	< 2.00	--

TABLE 7: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Petroleum Hydrocarbons (PHCs)
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

						Analyte	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Methyl tert-Butyl Ether (MTBE)	2-butanone (MEK)	Isopropylbenzene	Diisopropyl Ether
						CAS	71-43-2	108-88-3	100-41-4	1330-20-7	1634-04-4	78-93-3	98-82-8	108-20-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	1,000	700	10,000	NE	NE	NE	NE
						Sample ID								
24MW-10A	3/19/2015	PDB	USEPA-8260B	103.1	0	24MW-10-103.1-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	108.2	0	24MW-10-108.2-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	108.2	0	24MW-10-108.2-0315A	< 1.00	< 1.00	< 1.00	< 2.00	--	--	< 1.00	--
	3/19/2015	PDB	USEPA-8260B	113.3	0	24MW-10-113.3-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	118.5	0	24MW-10-118.5-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	123.6	0	24MW-10-123.6-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	3/19/2015	PDB	USEPA-8260B	128.8	0	24MW-10-128.8-0315	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	113.3	0	24MW-10A-113.3-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	113.3	0	PL-117-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	5/18/2015	PDB	USEPA-8260B	128.8	0	24MW-10A-128.8-0515	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	113.3	0	24MW-10A-113.3-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	128.8	0	24MW-10A-128.8-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	10/29/2015	PDB	USEPA-8260B	128.8	0	PL-513-1015	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
	8/22/2016	PDB Bailer	USEPA-8260B	113.3	0	24MW-10A-113.3-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--
8/22/2016	PDB	USEPA-8260B	128.8	0	24MW-10A-128.8-0816	< 1.00	< 1.00	< 1.00	< 3.00	--	--	< 2.00	--	
8/22/2018	HydraSleeve™	USEPA-8260B	114	0	24MW-10-20180822	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	--	
24MW-13A	8/21/2018	HydraSleeve™	USEPA-8260B	245	0	24MW-13-20180821	< 0.50	24	< 0.50	< 1.5	< 0.50	5.6	< 0.50	--
24MW-14	8/21/2018	HydraSleeve™	USEPA-8260B	290	0	24MW-14-20180821	< 0.50	16	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	--

TABLE 7: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Petroleum Hydrocarbons (PHCs)
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

						Analyte	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Methyl tert-Butyl Ether (MTBE)	2-butanone (MEK)	Isopropylbenzene	Diisopropyl Ether
						CAS	71-43-2	108-88-3	100-41-4	1330-20-7	1634-04-4	78-93-3	98-82-8	108-20-3
Well ID / Location	Date Sampled	Sample Method	Analysis Method	Sample Depth (btoc)	Duplicate	AWQS	5	1,000	700	10,000	NE	NE	NE	NE
						Sample ID								
SRP16E-6.8N	3/14/2006	UNK	USEPA-8260B	NR	0	16.0E-6.8N-03142006	< 1.00	< 5.00	< 1.00	< 3.00	< 1.00	< 10.0	< 1.00	< 1.00
	10/15/2007	UNK	USEPA-8260B	NR	0	16.0E-6.8N-10152007	< 1.00	< 5.00	< 1.00	< 3.00	< 1.00	< 10.0	< 1.00	< 1.00
	10/15/2007	UNK	USEPA-8260B	NR	0	16.0E-6.8ND-10152007	< 1.00	< 5.00	< 1.00	< 3.00	< 1.00	< 10.0	< 1.00	< 1.00
	4/21/2008	UNK	USEPA-8260B	0	0	16.0E-6.8N-04212008_DEQ	< 1.00	< 5.00	< 1.00	< 3.00	< 1.00	< 10.0	< 1.00	< 1.00
	4/21/2008	UNK	USEPA-8260B	0	4	16.0E-6.8N-04212008_DEQ	< 1.00	< 5.00	< 1.00	< 3.00	< 1.00	< 10.0	< 1.00	< 1.00
	4/21/2008	UNK	USEPA-8260B	NR	0	16.0E-6.8N-04212008	< 1.00	< 5.00	< 1.00	< 3.00	< 1.00	< 10.0	< 1.00	< 1.00
	10/8/2008	UNK	USEPA-8260B	0	0	16.0E-6.8N-600-10082008_D	< 1.00	< 5.00	< 1.00	< 3.00	< 1.00	< 10.0	< 1.00	< 1.00
	10/8/2008	UNK	USEPA-8260B	NR	0	16.0E-6.8N-10082008	< 1.00	< 5.00	< 1.00	< 3.00	< 1.00	< 10.0	< 1.00	< 1.00
	10/8/2008	UNK	USEPA-8260B	NR	0	16.0E-6.8N-600-10082008	< 1.00	< 5.00	< 1.00	< 3.00	< 1.00	< 10.0	< 1.00	< 1.00
	7/31/2009	UNK	USEPA-524.2	0	0	16.0E-06.8N-07312009_DEQ	< 0.500 UN1	< 0.500 UN1	< 0.500 UN1	< 0.500 UN1	< 0.500 UN1	--	< 0.500 UN1	--
12/18/2013	UNK	USEPA-8260B	NR	0	16E-6.8N-1213	< 1.00	< 1.00	< 1.00	< 3.00	< 1.00	< 10.0	< 2.00	--	

Notes & Acronyms:

All units in micrograms per liter (µg/L)

BOLD = Laboratory results equal or exceed the Aquifer Water Quality Standard (AWQS). Where laboratory reporting limits (RLs) were elevated above the AWQS, the cell is shaded gray.

The reported sample depths were inferred to be measured as feet below top of casing (ft btoc); however, this information was not clearly presented in the referenced historical data sources. The method of sample depth calculation was not clearly defined in a consistent manner in the referenced historical data sources.

-- = "Not analyzed; not available; or not applicable" as noted by prior consultants

AWQS = Aquifer Water Quality Standard (Arizona)

CAS = Chemical Abstracts Service

ft btoc = feet below top of casing

HydraSleeve™ = The sample depths coincide with the top of the HydraSleeve™ sampler. The HydraSleeve™ sampler was set in well at mid-screen; however, if the depth to water was lower than the screened interval, then the sampler was set in well between the top of water and the bottom of screen.

NE = Aquifer Water Quality Standard not established

NR = not recorded

PDB = passive diffusion bag used to analyze for VOCs

PDB Bailer = passive diffusion bag bailer used to analyze for parameters other than VOCs

UNK = sample method unknown, not provided, or provided as "Discrete Interval Sampler" in original data source

USEPA = United States Environmental Protection Agency

Well ID = well identification

WQARF = Water Quality Assurance Revolving Fund

Laboratory Notes & Qualifiers

The laboratory data presented in this table was obtained directly from copies of analytical reports prepared by State of Arizona certified laboratories. The relevant analytical reports are provided in Appendix H to this report.

Data qualifiers presented in these tables are limited to those provided in the laboratory reports, and are not the result of a data verification or validation effort.

< N - Indicates below the minimum laboratory RL of N

D1 = Sample required dilution due to matrix

L5 = The associated blank spike recovery was above laboratory/method acceptance limits. This analyte was not detected in the sample

N1 = The matrix spike duplicate recoveries for analytical batch 550-155410 were outside control limits for the following analytes: dichlorodifluoromethane. The target analyte also recovered high in the laboratory control sample and laboratory control sample duplicate.

The analyte was not detected in the sample and has been flagged with an N1 in the matrix spike duplicate and parent sample

R2 = Relative percent difference exceeded the laboratory control limit

V1 = Continuing calibration verification recovery was above method acceptance limits. This target analyte was not detected in the sample

U = Nondetect

Table 8 – Sensitive Receptors Within 1/2-Mile of Estimated PCE Plume Boundary
 East Central Phoenix – 24th Street and Grand Canal WQARF Site
 Phoenix, Arizona
 December 2018

Medical Facilities	School
Valley Endodontic Specialty Group	Dyslexia Pros Arcadia
Dentistry at the Biltmore	Francisco Adame Dance Arts and Modeling Academy
Budd Orthodontics PLLC	Phoenix Cristian School PreK-8
Biltmore ENT	Creighton School District Compass Center
Agave Dental	Loma Linda School
Integrative Dental Associates	Larry C Kennedy Elementary
Empire Dental- Earl Weisbrod, DMD	JSK Taewondo (ITF)
Rockowitz Orthopedic Center	William T Machan Elementary School
Phoenix Cardiac Surgery	Whittier Elementary School
Desert Song Healing Arts Center	Ollin Yoliztli Mexican Folklore Dance Academy
Thomas Dental	Create Academy
Honor Health Medical Group- Indian School	Chavez Boxing Gym
Abrazo Arizona Heart Hospital	St. Agnes Catholic School
Out Patient Pediatric Surgery at Phoenix	System Phoenix
Phoenix Children’s Hospital Pediatric	Reed Montesorri School
Phoenix Children’s Hospital	
Blue Pearl Veterinary Partners	
English Dermatology Indian School	
Maggie’s Place	
Biltmore Cardiology	
Morning Star Assisted Living and Memory	
Palo Brea Pain and Rehabilitation	
Desert Haven Care Center	
Rose Court Senior Living	