January 5, 2015

Mr. Mostafa Mehran
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118

RE: Whirlpool Corporation - Fort Smith, Arkansas
Fourth Quarter 2014 Analytical Results Data Transmittal
EPA No. ARD042755389
AFIN No. 66-00048
CAO LIS 13-202

Dear Mr. Mehran:

ENVIRON International Corporation (ENVIRON), on behalf of Whirlpool Corporation, is submitting the attached analytical results for the data collected during the fourth quarter of 2014. This data has been relied upon to prepare the 2014 Annual Report; and therefore, this data transmittal is being provided to ADEQ in advance of the 2014 Annual Report (the 2014 Annual Report will be submitted on January 15, 2015). The enclosed data will also be provided in the 2014 Fourth Quarterly Progress Report to be issued to ADEQ on February 13, 2015. We will provide an in-depth discussion and technical analysis of this data, its integration with previously collected data, and any relevant conclusions regarding Whirlpool's remedial efforts in the upcoming 2014 Annual Report and the Fourth Quarter Progress Report.

If you have any questions or comments please contact me at your earliest convenience.

Sincerely,

ENVIRON International Corporation

Michael F. Ellis, PE
Principal

LIST OF ATTACHMENTS

Summary Tables
Raw Data Packages

Summary Tables

TABLE A
SUMMARY OF MONITORING WELL GROUND WATER SAMPLE ANALYTICAL RESULTS - 4TH QUARTER 2014
Whirlpool Corporation; Fort Smith, AR

Location		ITMW-1	ITMW-7	ITMW-9	ITMW-9	ITMW-10	ITMW-11	ITMW-12	ITMW-12	ITMW-13	ITMW-14	ITMW-15	ITMW-15	ITMW-17	ITMW-18	ITMW-19	ITMW-21
ENVIRON Sample ID		ITMW-1-201410	ITMW-7-201410	ITMW-9-201410	DUP-02-201410	ITMW-10-201410	ITMW-11-201410	ITMW-12-201410	DUP-04-201410	ITMW-13-201410	ITMW-14-201410	ITMW-15-201410	DUP-05-201410	ITMW-17-201410	ITMW-18-201410	ITMW-19-201410	ITMW-21-201410
Remedial Action Levels per ADEQ RADD Issued Dec 2013		137010007, 041LJ043, 137090010,	137010003, 041LJ045, 137090022,	137000002, 041LJ028, 137090014,		137000003, 041LJ027, 137090013,	137010022, 041LJ046, 137090023,	137010018, 041LJ029, 137090015,		137010016, 041LJ047, 137090024,	137010014, 041LJ030, 137090016,	137010019, 041LJ048, 137090025,		137010021, 041LJ052, 137090029,	137010017, 041LJ031, 137090017,	137010020, 041LJ051, 137090028,	137010010, 041LJ036, 137090003,
Lab Sample ID(s)		60180441010	60180441022	60180441014	60180441029	60180441013	60180441023	60180441015	60180441028	60180441024	60180441016	60180635001	60180635008	60180635005	60180441017	60180635004	60180441003
Sample Date		10/15/2014	10/15/2014	10/13/2014	10/15/2014	10/13/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014	10/16/2014	10/16/2014	10/16/2014	10/15/2014	10/16/2014	10/15/2014
Sample Method		Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow
Comments					Field Duplicate				Field Duplicate				Field Duplicate				
Volatile Organic Compounds																	
Acetone	12000	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	11.8 (5)	U (5)	U (5)
Bromodichloromethane	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.51 J (0.5)	U (0.5)	U (0.5)
Bromoform	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromomethane	7.0	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)
2-Butanone	4900	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)
Chlorobenzene	100	U (0.5)	0.56 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloroethane	12000	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloroform	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.52 J (0.5)	0.54 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.81 J (0.5)	2.2 J (0.5)	3.7 J (0.5)	U (0.5)
Chloromethane	190	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	5 J (0.5)	U (0.5)	U (0.5)
Dibromochloromethane	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	1.3 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	1.5 J (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethane	2.4	1.1 J (0.5)	U (0.5)	U (0.5)	U (0.5)	2.8 (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	1.5 J (0.5)	U (0.5)	U (0.5)
1,2-Dichloroethane	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.55 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethene	7.0	U (0.5)	U (0.5)	1.5 J (0.5)	1.6 J (0.5)	3.8 J (0.5)	0.71 J (0.5)	2 J (0.5)	1.8 J (0.5)	U (0.5)	U (0.5)	3.4 J (0.5)	3.9 J (0.5)	5.8 (0.5)	U (0.5)	19.9 (0.5)	U (0.5)
cis-1,2-Dichloroethene	70	4.5 J (0.5)	10.3 (0.5)	39.1 (0.5)	38.8 (0.5)	32.3 (0.5)	70.4 (0.5)	188 (0.5)	192 (0.5)	25.9 (0.5)	9.4 (0.5)	63 (0.5)	66.4 (0.5)	70.5 (0.5)	68.5 (0.5)	76.7 (0.5)	U (0.5)
trans-1,2-Dichloroethene	100	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.54 J (0.5)	1 J (0.5)	1.1 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	13.9 (0.5)	1.1 J (0.5)	U (0.5)
Methylene Chloride	5.0	U (0.5)	U (0.5)	0.88 J (0.5)	0.84 J (0.5)	0.61 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.59 J (0.5)	U (0.5)	U (0.5)
1,1,2,2-Tetrachloroethane	0.066	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.76 J (0.5)	U (0.5)	U (0.5)
Tetrachloroethene	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.64 J (0.5)	0.94 J (0.5)	1.3 J (0.5)	1.2 J (0.5)	U (0.5)	22 (0.5)	U (0.5)	U (0.5)	0.82 J (0.5)	1.5 J (0.5)	2.7 J (0.5)	U (0.5)
Toluene	1000	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,1-Trichloroethane	200	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,2-Trichloroethane	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.58 J (0.5)	0.92 J (0.5)	U (0.5)
Trichloroethene	5.0	6.1 (0.5)	33.7 (0.5)	76.9 (0.5)	75.3 (0.5)	243 (0.5)	2050 (0.5)	2570 (0.5)	2950 (0.5)	40.8 (0.5)	4.1 J (0.5)	1490 (0.5)	1660 (0.5)	3510 (0.5)	3540 (0.5)	12800 (0.5)	6 (0.5)
Vinyl Chloride	2.0	U (0.5)	U (0.5)	1.8 J (0.5)	1.7 J (0.5)	1.7 J (0.5)	3.5 (0.5)	3.5 (0.5)	3.7 (0.5)	U (0.5)	U (0.5)	2 (0.5)	1.8 J (0.5)	3.2 (0.5)	U (0.5)	1.9 J (0.5)	U (0.5)
Metals																	
Iron	NE	U (24)	U (24)	U (24)	NM	U (24)	382 (24)	55.7 (24)	NM	U (24)	385 (24)	248 (24)	NM	150 (24)	45.5 J (24)	U (24)	U (24)
Manganese	NE	16.4 (2.5)	80.5 (2.5)	257 (2.5)	NM	330 (2.5)	136 (2.5)	114 (2.5)	NM	16.5 (2.5)	15.1 (2.5)	24.9 (2.5)	NM	1910 (2.5)	7.7 (2.5)	78.2 (2.5)	801 (2.5)
Monitored Natural Attenuation Parameters (Laboratory)																	
Total Alkalinity	NE	70900 (2000)	12100 J (2000)	91400 (2000)	NM	82800 (2000)	92900 (2000)	76800 (2000)	NM	53600 (2000)	41800 (2000)	230000 (2000)	NM	6400 J (2000)	56200 (2000)	73400 (2000)	9800 J (2000)
Ammonia	NE	U (23)	230 (23)	U (23)	NM	U (23)	U (23)	150 (23)	NM	U (23)	140 (23)	U (23)	NM	U (23)	U (23)	U (23)	U (23)
Bicarbonate Alkalinity	NE	70900 (2000)	12100 J (2000)	91400 (2000)	NM	82800 (2000)	92900 (2000)	76800 (2000)	NM	53600 (2000)	41800 (2000)	230000 (2000)	NM	6400 J (2000)	56200 (2000)	73400 (2000)	9800 J (2000)
Carbon Dioxide	NE	198000	0	1670000	NM	427000	356000	225000	NM	157000	145000	244000	NM	0	212000	135000	0
Organic Carbon (total)[5]	NE	520 J (500)	210 J (1000)	2600 (500)	NM	1300 (500)	640 J (1000)	880 J (500)	NM	490 J (1000)	880 J (500)	700 J (1000)	NM	290 J (1000)	630 J (1000)	260 J (1000)	U (500)
Carbonate Alkalinity (as CaCO3)	NE	U (2000)	U (2000)	U (2000)	NM	U (2000)	U (2000)	U (2000)	NM	U (2000)	U (2000)	U (2000)	NM	U (2000)	U (2000)	U (2000)	U (2000)
Chloride	NE	96600 (500)	278000 (500)	61800 (500)	NM	138000 (500)	4600 (500)	18500 (500)	NM	22800 (500)	6600 (500)	120000 (500)	NM	280000 (500)	135000 (500)	285000 (500)	766000 (500)
Iron, Ferric[5]	NE	0 J (200)	80 J (200)	0 J (200)	NM	0 J (200)	380 (200)	0 J (200)	NM	14 J (200)	380 (200)	250 (200)	NM	130 J (200)	45 J (200)	6 J (200)	0 J (200)
Nitrogen	NE	760 (12)	2700 (12)	14900 (12)	NM	5700 (12)	190 (12)	130 M1 (12)	NM	160 (12)	390 (12)	600 (12)	NM	U (12)	2900 (12)	1200 (12)	U (12)
Nitrogen, Nitrate (As N)	NE	760 (12)	2700 (12)	14900 (12)	NM	5700 (12)	190 (12)	130 M1 (12)	NM	160 (12)	390 (12)	600 (12)	NM	U (12)	2900 (12)	1200 (12)	U (12)
Nitrogen, Nitrite	NE	U (12)	U (12)	U (12)	NM	U (12)	U (12)	U (12)	NM	U (12)	U (12)	U (12)	NM	U (12)	U (12)	U (12)	U (12)
pH [STD UNITS]	NE	6 (0.1)	5 (0.1)	5.1 (0.1)	NM	5.7 (0.1)	5.8 (0.1)	6 (0.1)	NM	6 (0.1)	5.9 (0.1)	7 (0.1)	NM	5 (0.1)	5.8 (0.1)	6.3 (0.1)	4.9 (0.1)
Phosphates (total)	NE	66 (10)	32 (10)	32 (10)	NM	66 (10)	U (10)	66 (10)	NM	U (10)	32 (10)	32 (10)	NM	35 (10)	66 (10)	35 (10)	32 (10)
Sulfide (total)	NE	U (9.6)	U (9.6)	U (9.6)	NM	U (9.6)	U (9.6)	U (9.6)	NM	U (9.6)	U (9.6)	U (9.6)	NM	U (9.6)	U (9.6)	U (9.6)	U (9.6)
Sulfate	NE	23800 (54)	9700 (500)	36100 (54)	NM	39200 (54)	14100 (500)	13200 (54)	NM	6200 (500)	9400 M1 (500)	8800 (500)	NM	7100 (500)	324000 (500)	6100 (500)	7000 (54)
Gasses																	
Methane	NE	0.22 (0.042)	3 (0.042)	25 (0.042)	NM	4.7 (0.042)	18 (0.042)	64 (0.042)	NM	16 (0.042)	0.32 (0.042)	2.8 (0.042)	NM	4.8 (0.042)	2 (0.042)	0.78 (0.042)	24 (0.042)
Ethane	NE	0.027 (0.002)	U (0.002)	0.068 (0.002)	NM	0.056 (0.002)	0.2 (0.002)	2.2 (0.002)	NM	0.73 (0.002)	U (0.002)	0.46 (0.002)	NM	0.29 (0.002)	0.25 (0.002)	0.09 (0.002)	0.055 (0.002)
Ethene	NE	0.12 (0.003)	0.074 (0.003)	0.12 (0.003)	NM	0.14 (0.003)	0.057 (0.003)	0.041 (0.003)	NM	0.047 (0.003)	U (0.003)	0.05 (0.003)	NM	0.027 (0.003)	0.084 (0.003)	0.1 (0.003)	U (0.003)
Hydrogen [nM] [4*]	NE	5.4 (0.13)	1.6 (0.13)	4.6 (0.13)	NM	5 (0.13)	4.8 (0.13)	1.5 (0.13)	NM	2.2 (0.13)	1.7 (0.13)	5.1 (0.13)	NM	3.7 (0.13)	7.3 (0.13)	4.7 (0.13)	2.4 (0.13)
Molecular Analyses																	
BAV1 Vinyl Chloride Reductase [cells/mL]	NE	U (0.1)	4 (0.1)	U (0.1)	NM	U (0.1)	U (0.1)	U (0.1)	NM	U (0.1)	U (0.125)	U (0.1)	NM	U (0.1)	U (0.1)	U (0.1)	U (0.1)
Dehalococcoides (DHC) [cells/mL]	NE	4.3 (0.1)	46.9 (0.1)	U (0.1)	NM	U (0.1)	0.3 J (0.1)	0.3 J (0.1)	NM	U (0.1)	U (0.125)	1.4 (0.1)	NM	U (0.1)	U (0.1)	U (0.1)	U (0.1)
tceA Reductase [cells/mL]	NE	0.6 (0.1)	2 (0.1)	U (0.1)	NM	U (0.1)	U (0.1)	U (0.1)	NM	U (0.1)	U (0.125)	U (0.1)	NM	U (0.1)	U (0.1)	U (0.1)	U (0.1)
Vinyl Chloride Reductase (vrcA) [cells/mL]	NE	U (0.1)	1 (0.1)	U (0.1)	NM	U (0.1)	U (0.1)	U (0.1)	NM	U (0.1)	U (0.125)	U (0.1)	NM	U (0.1)	U (0.1)	U (0.1)	U (0.1)

Notes:

1 All concentrations are presented in ug/L except where noted.
2 Only compounds with at least one detection are shown.
3 Concentrations that exceed the ALs for Fort Smith ADEQ RADD Issued Dec 2013 are double underlined.
4 Concentration presented in nM = nanomolar. Sampling Method
5 Method detection limits were unavailable for Iron, Ferric and Organic Carbon (total), reporting limits are shown.

Abbreviations:

U -- Not Detected.
J -- Estimated Concentration.
( ) -- Method Detection Limit.
* -- Sampled on different day than other parameters with different method
RADD -- Remedial Action Decision Document
ADEQ -- Arkansas Department of Environmental Quality
ug/L -- micrograms per Liter
mL -- milliliters
NE -- Not Established
NM -- Not Measured

Onsite Wells
Offsite Wells
Plume Boundary Wells

TABLE A
SUMMARY OF MONITORING WELL GROUND WATER SAMPLE ANALYTICAL RESULTS - 4TH QUARTER 2014
Whirlpool Corporation; Fort Smith, AR

Location		IW-80	MW-25	MW-32	MW-33	MW-34	MW-35R	MW-38	MW-38	MW-65	ITMW-2	ITMW-4	ITMW-6	ITMW-16	ITMW-20	IW-72	MW-22	MW-26	MW-27	MW-28	MW-29
ENVIRON Sample ID		IW-80-201410	MW-25-201410	MW-32-201410	MW-33-201410	MW-34-201410	MW-35R-201410	MW-38-201410	DUP-06-201410	MW-65-201410	ITMW-2-201410	ITMW-4-201410	ITMW-6-201410	ITMW-16-201410	ITMW-20-201410	IW-72-201410	MW-22-201410	MW-26-201410	MW-27-201410	MW-28-201410	MW-29-201410
Lab Sample ID(s)	Remedial Action Levels per ADEQ RADD Issued Dec 2013	137000013, 041LJ015, 137080009, 60180331004	137010024, 041LJ049, 137090026, 60180635002	137000018, 041LJ017, 137080011, 60180331006	137000017, 041LJ040, 137090007, 60180441007	137000015, 041LJ042, 137090009, 60180441009	137000019, 041LJ010, 137080021, 60180331016	137010023, 041LJ053, 137090030, 60180635006	60180635010	137000020, 041LJ023, 137080023, 60180331018	137010011, 041LJ025, 137090011, 60180441011	137000001, 041LJ050, 137090027, 60180635003	137010006, 041LJ037, 137090004, 60180441004	137010012, 041LJ032, 137090018, 60180441018	137010005, 041LJ039, 137090006, 60180441006	137000006, 041LJ05, 137080005, 60180221005	137010008, 041LJ026, 137090012, 60180441012	137010009, 041LJ011, 137080022, 60180331017	137010015, 041LJ024, 137080024, 60180331019	137010013, 041LJ012, 137080006, 60180331001	137010004, 041LJ038, 137090005, 60180441005
Sample Date		10/14/2014	10/16/2014	10/14/2014	10/15/2014	10/14/2014	10/14/2014	10/16/2014	10/16/2014	10/14/2014	10/15/2014	10/13/2014	10/15/2014	10/15/2014	10/15/2014	10/13/2014	10/15/2014	10/14/2014	10/14/2014	10/14/2014	10/15/2014
Sample Method		Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow
Comments									Field Duplicate												
Volatile Organic Compounds																					
Acetone	12000	24.2 (5)	41.8 (5)	U (5)	U (5)	30.4 (5)	48.9 (5)	U (5)	U (5)	45.3 (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)
Bromodichloromethane	80	U (0.5)	0.68 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromoform	80	2 J (0.5)	U (0.5)	0.59 J (0.5)	U (0.5)	1.9 J (0.5)	U (0.5)	U (0.5)	U (0.5)	1.9 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	4.5 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromomethane	7.0	U (2.5)	U (2.5)	2.8 J (2.5)	U (2.5)	34.9 (2.5)	U (2.5)	U (2.5)	U (2.5)	5.2 J (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)
2-Butanone	4900	U (5)	5.4 J (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)
Chlorobenzene	100	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	1.5 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	4.7 J (0.5)
Chloroethane	12000	U (0.5)	0.89 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloroform	80	U (0.5)	5.6 (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	2.3 J (0.5)	2.4 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloromethane	190	0.85 J (0.5)	2.1 J (0.5)	1.6 (0.5)	U (0.5)	6.2 J (0.5)	7.2 J (0.5)	U (0.5)	U (0.5)	3.9 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Dibromochloromethane	80	U (0.5)	18.2 (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	2.6 J (0.5)	2.4 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethane	2.4	U (0.5)	5.3 (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.98 J (0.5)	1.1 J (0.5)	U (0.5)	U (0.5)	U (0.5)	4.8 (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,2-Dichloroethane	5.0	U (0.5)	1.7 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethene	7.0	U (0.5)	3.1 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	10.2 (0.5)	10.8 (0.5)	U (0.5)	U (0.5)	U (0.5)	0.53 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
cis-1,2-Dichloroethene	70	U (0.5)	2870 J (0.5)	0.8 J (0.5)	15.3 (0.5)	0.96 J (0.5)	2.6 J (0.5)	781 (0.5)	869 (0.5)	0.54 J (0.5)	U (0.5)	4.9 J (0.5)	5.2 (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
trans-1,2-Dichloroethene	100	U (0.5)	595 J (0.5)	U (0.5)	2.2 J (0.5)	U (0.5)	U (0.5)	4.1 J (0.5)	2.8 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Methylene Chloride	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	21.8 (0.5)	22.4 (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,2,2-Tetrachloroethane	0.066	U (0.5)	57.7 (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Tetrachloroethene	5.0	U (0.5)	18.1 (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	2.5 J (0.5)	2.5 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Toluene	1000	U (0.5)	1.7 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	2 J (0.5)	2 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,1-Trichloroethane	200	U (0.5)	9.7 (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,2-Trichloroethane	5.0	U (0.5)	1.9 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.6 J (0.5)	0.69 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Trichloroethene	5.0	11.8 (0.5)	42500 (0.5)	29.7 (0.5)	1290 (0.5)	47.7 (0.5)	79.2 (0.5)	6750 (0.5)	6970 (0.5)	30.8 (0.5)	U (0.5)	3.4 J (0.5)	3.1 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Vinyl Chloride	2.0	U (0.5)	540 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	321 (0.5)	370 (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Metals																					
Iron	NE	337 (24)	1310 (24)	229 (24)	342 (24)	238 (24)	69 (24)	1270 (24)	NM	88.2 (24)	519 (24)	2770 (24)	U (24)	712 (24)	U (24)	166 (24)	U (24)	U (24)	473 (24)	438 (24)	U (24)
Manganese	NE	63.8 (2.5)	248 (2.5)	388 (2.5)	126 (2.5)	158 (2.5)	38.3 (2.5)	5670 (2.5)	NM	35 (2.5)	46.1 (2.5)	3540 (2.5)	155 (2.5)	18.4 (2.5)	6.4 (2.5)	5340 (2.5)	94.8 (2.5)	399 (2.5)	102 (2.5)	55.7 (2.5)	126 (2.5)
Monitored Natural Attenuation Parameters (Laboratory)																					
Total Alkalinity	NE	225000 (2000)	34800 (2000)	7400 J (2000)	10200 J (2000)	3200 J (2000)	1250000 (2000)	330000 (2000)	NM	876000 (2000)	57400 (2000)	72700 (2000)	145000 (2000)	34400 (2000)	135000 (2000)	107000 (2000)	45600 (2000)	21400 (2000)	32800 (2000)	99000 (2000)	16300 J (2000)
Ammonia	NE	350 (23)	U (23)	U (23)	U (23)	U (23)	1000 (23)	U (23)	NM	830 (23)	110 (23)	120 (23)	U (23)	U (23)	U (23)	U (23)	U (23)	U (23)	U (23)	U (23)	U (23)
Bicarbonate Alkalinity	NE	225000 (2000)	34800 (2000)	7400 J (2000)	10200 J (2000)	3200 J (2000)	U (2000)	330000 (2000)	NM	U (2000)	57400 (2000)	72700 (2000)	145000 (2000)	34400 (2000)	135000 (2000)	107000 (2000)	45600 (2000)	21400 (2000)	32800 (2000)	99000 (2000)	16300 J (2000)
Carbon Dioxide	NE	325000	413000	0	0	0	427000	397000	NM	226000	176000	122000	546000	36700	223000	298000	297000	400000	256000	234000	0
Organic Carbon (total)[5]	NE	1100 (500)	4600 (1000)	U (500)	U (500)	530 J (500)	12900 (500)	2400 (1000)	NM	5900 (500)	U (500)	12000 (1000)	700 (500)	2900 (1000)	600 (500)	730 J (500)	800 J (500)	U (500)	1100 (500)	820 J (500)	880 J (500)
Carbonate Alkalinity (as CaCO3)	NE	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	970000 (2000)	U (2000)	NM	514000 (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)
Chloride	NE	194000 (500)	482000 (500)	126000 (500)	196000 (500)	299000 (500)	343000 (500)	32000 (500)	NM	307000 (500)	110000 (500)	9000 (500)	161000 (500)	1000 (500)	108000 (500)	175000 (500)	14700 (500)	416000 (500)	31500 (500)	23400 (500)	113000 (500)
Iron, Ferric[5]	NE	330 (200)	1300 (200)	230 (200)	340 (200)	240 (200)	59 J (200)	1200 (200)	NM	88 J (200)	520 (200)	0 J (200)	7 J (200)	710 (200)	0 J (200)	150 J (200)	0 J (200)	8 J (200)	63 J (200)	440 (200)	15 J (200)
Nitrogen	NE	1900 (12)	270 (12)	170 (12)	2400 (12)	450 (12)	1900 (12)	6300 (12)	NM	2700 (12)	1000 (12)	U (12)	26600 (12)	1100 (12)	1200 M1 (12)	1100 M1 (12)	U (12)	2900 (12)	310 (12)	U (12)	1900 (12)
Nitrogen, Nitrate (As N)	NE	1900 (12)	270 (12)	170 (12)	2400 (12)	450 (12)	1900 (12)	4500 (12)	NM	2700 (12)	1000 (12)	U (12)	26600 (12)	1100 (12)	1200 M1 (12)	1100 (12)	U (12)	2900 (12)	310 (12)	U (12)	1900 (12)
Nitrogen, Nitrite	NE	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	1800 (12)	NM	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)
pH [STD UNITS]	NE	6.6 (0.1)	5.3 (0.1)	4.8 (0.1)	5.1 (0.1)	4.7 (0.1)	11.7 (0.1)	6.8 (0.1)	NM	12 (0.1)	6 (0.1)	6.4 (0.1)	5.8 (0.1)	7 (0.1)	6.4 (0.1)	6 (0.1)	5.6 (0.1)	5 (0.1)	5.5 (0.1)	6.1 (0.1)	5.3 (0.1)
Phosphates (total)	NE	1100 (10)	32 (10)	U (10)	32 (10)	32 (10)	3100 (10)	32 (10)	NM	2800 (10)	66 (10)	35 (10)	14 (10)	66 (10)	32 (10)	49 (10)	14 (10)	84 (10)	32 (10)	290 (10)	32 (10)
Sulfide (total)	NE	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	NM	U (9.6)	U (9.6)	27 J (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)
Sulfate	NE	121000 (500)	373000 (500)	34900 (500)	11000 (54)	273000 (54)	5110000 (500)	135000 (500)	NM	3080000 (500)	19500 (54)	17400 (500)	86900 (54)	32800 (500)	18200 (54)	9100 (54)	10300 (54)	8700 (500)	15500 (500)	39800 (500)	57100 (54)
Gasses																					
Methane	NE	1.7 (0.042)	130 (0.042)	9.3 (0.042)	0.44 (0.042)	2.9 (0.042)	17 (0.042)	24 (0.042)	NM	7.4 (0.042)	21 (0.042)	120 (0.042)	1.1 (0.042)	0.23 (0.042)	0.26 (0.042)	0.54 (0.042)	4.9 (0.042)	0.8 (0.042)	U (0.042)	1.2 (0.042)	0.65 (0.042)
Ethane	NE	0.1 (0.002)	23 (0.002)	U (0.002)	0.031 (0.002)	U (0.002)	0.72 (0.002)	1 (0.002)	NM	0.25 (0.002)	U (0.002)	0.16 (0.002)	U (0.002)	U (0.002)	U (0.002)	0.05 (0.002)	0.037 (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.002)
Ethene	NE	U (0.003)	0.3 (0.003)	U (0.003)	U (0.003)	U (0.003)	0.16 (0.003)	42 (0.003)	NM	0.05 (0.003)	0.21 (0.003)	0.18 (0.003)	0.44 (0.003)	0.13 (0.003)	U (0.003)	U (0.003)	0.051 (0.003)	U (0.003)	U (0.003)	0.029 (0.003)	U (0.003)
Hydrogen [nM] [4*]	NE	21 (0.13)	2700 (13)	1.3 (0.13)	1.3 (0.13)	9.6 (0.13)	2300 (13)	5.6 (0.13)	NM	160 (2.6)	4.9 (0.13)	6.7 (0.13)	1.7 (0.13)	1.7 (0.13)	2.1 (0.13)	4.8 (0.13)	7 (0.13)	1.2 (0.13)	4.9 (0.13)	5.3 (0.13)	1.7 (0.13)
Molecular Analyses																					
BAV1 Vinyl Chloride Reductase [cells/mL]	NE	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	18000 (0.1)	NM	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.133333)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	0.5 (0.1)	U (0.1)
Dehalococcoides (DHC) [cells/mL]	NE	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	26600 (0.1)	NM	U (0.1)	U (0.1)	0.6 (0.1)	U (0.1)	1.4 J (0.133333)	U (0.1)	U (0.1)	19.2 (0.1)	U (0.1)	U (0.1)	3.4 (0.1)	U (0.1)
tceA Reductase [cells/mL]	NE	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	NM	U (0.1)	U (0.1)	0.2 J (0.1)	U (0.1)	0.4 J (0.133333)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)
Vinyl Chloride Reductase (vrcA) [cells/mL]	NE	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	NM	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.133333)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)

Notes:

1 All concentrations are presented in ug/L except where noted.
2 Only compounds with at least one detection are shown.
3 Concentrations that exceed the ALs for Fort Smith ADEQ RADD Issued Dec 2013 are double underlined.
4 Concentration presented in nM = nanomolar. Sampling Method
5 Method detection limits were unavailable for Iron, Ferric and Organic Carbon (total), reporting limits are shown.

Abbreviations:

U -- Not Detected.
J -- Estimated Concentration.
( ) -- Method Detection Limit.
* -- Sampled on different day than other parameters with different method
RADD -- Remedial Action Decision Document
ADEQ -- Arkansas Department of Environmental Quality
ug/L -- micrograms per Liter
mL -- milliliters
NE -- Not Established
NM -- Not Measured

Onsite Wells
Offsite Wells
Plume Boundary Wells

TABLE A
SUMMARY OF MONITORING WELL GROUND WATER SAMPLE ANALYTICAL RESULTS - 4TH QUARTER 2014
Whirlpool Corporation; Fort Smith, AR

Location		MW-31	MW-36	MW-39	MW-40	MW-50	MW-60	MW-61	MW-62	MW-63	MW-66	MW-67	MW-68	IW-73	IW-74	IW-74	IW-76	IW-77	MW-41	MW-46R	MW-46R
ENVIRON Sample ID		MW-31-201410	MW-36-201410	MW-39-201410	MW-40-201410	MW-50-201410	MW-60-201410	MW-61-201410	MW-62-201410	MW-63-201410	MW-66-201410	MW-67-201410	MW-68-201410	IW-73-201410	IW-74-201410	DUP-01-201410	IW-76-201410	IW-77-201410	MW-41-201410	MW-46R-201410	DUP-03-201410
Remedial Action Levels per ADEQ RADD Issued Dec 2013		041LJ016,	137000014, 041LJ014,	137000016, 041LJ01,	137000007, 041LJ04,	041LJ013,	041LJ08,	041LJ07,	137000022, 041LJ022,	041LJ06,	137000004, 041LJ02,	137000021, 041LJ03,	137010001, 041LJ020,	137000009, 041LJ09,	137000008, 041LJ021,		137000011, 041LJ035,	137000012, 041LJ041,	137000010, 041LJ034,	137000005, 041LJ054,	
Lab Sample ID(s)		137080010, 60180331005	137080008, 60180331003	137080001, 60180221001	137080004, 60180221004	137080007, 60180331002	137080019, 60180331014	137080018, 60180331013	137080016, 60180331011	137080017, 60180331012	041LJ02, 137080002, 60180221002	137080003, 60180221003	137080014, 60180331009	137080020, 60180331015	137080015, 60180331010	60180331020	137090002, 60180441002	137090008, 60180441008	137090001, 60180441001	137090031, 60180635007	60180635011
Sample Date		10/14/2014	10/14/2014	10/13/2014	10/13/2014	10/14/2014	10/14/2014	10/14/2014	10/14/2014	10/14/2014	10/13/2014	10/13/2014	10/14/2014	10/14/2014	10/14/2014	10/14/2014	10/14/2014	10/14/2014	10/14/2014	10/14/2014	10/16/2014
Sample Method		Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow
Comments																Field Duplicate					Field Duplicate
Volatile Organic Compounds																					
Acetone	12000	U (5)	6.4 J (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	23.1 (5)	15.9 (5)	U (5)	U (5)	U (5)
Bromodichloromethane	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromoform	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	9.6 (0.5)	2.3 J (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromomethane	7.0	U (2.5)	12.1 (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	58.5 (2.5)	15.3 (2.5)	U (2.5)	U (2.5)	U (2.5)
2-Butanone	4900	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)
Chlorobenzene	100	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloroethane	12000	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloroform	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.51 J (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloromethane	190	U (0.5)	2.9 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	11.3 (0.5)	13.9 (0.5)	U (0.5)	U (0.5)	U (0.5)
Dibromochloromethane	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethane	2.4	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,2-Dichloroethane	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethene	7.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.61 J (0.5)	U (0.5)	1.6 J (0.5)	1.2 J (0.5)	1.3 J (0.5)
cis-1,2-Dichloroethene	70	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.98 J (0.5)	U (0.5)	U (0.5)	U (0.5)	0.84 J (0.5)	3.3 J (0.5)	3.3 J (0.5)	6.7 (0.5)	15.8 (0.5)	16.9 (0.5)	24.6 (0.5)	25.2 (0.5)
trans-1,2-Dichloroethene	100	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.62 J (0.5)	2.9 J (0.5)	U (0.5)	U (0.5)	U (0.5)
Methylene Chloride	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,2,2-Tetrachloroethane	0.066	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Tetrachloroethene	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Toluene	1000	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,1-Trichloroethane	200	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,2-Trichloroethane	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Trichloroethene	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	7.9 (0.5)	U (0.5)	9.4 (0.5)	2.3 J (0.5)	U (0.5)	U (0.5)	8.5 (0.5)	144 (0.5)	143 (0.5)	214 (0.5)	741 (0.5)	491 (0.5)	410 (0.5)	373 (0.5)
Vinyl Chloride	2.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	1.1 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Metals																					
Iron	NE	152 (24)	51.9 (24)	49 J (24)	29.8 J (24)	886 (24)	9510 (24)	2090 (24)	87.4 (24)	1290 (24)	74.2 (24)	1900 (24)	24.1 J (24)	1740 (24)	36.9 J (24)	NM	U (24)	64.9 (24)	4090 (24)	128 (24)	NM
Manganese	NE	233 (2.5)	482 (2.5)	425 (2.5)	192 (2.5)	156 (2.5)	908 (2.5)	28.6 (2.5)	22.4 (2.5)	40 (2.5)	12.4 (2.5)	15.3 (2.5)	1630 (2.5)	196 (2.5)	591 (2.5)	NM	49.3 (2.5)	6.1 (2.5)	5760 (2.5)	126 (2.5)	NM
Monitored Natural Attenuation Parameters (Laboratory)																					
Total Alkalinity	NE	17900 J (2000)	13700 J (2000)	10600 J (2000)	14400 J (2000)	195000 (2000)	385000 (2000)	109000 (2000)	28000 (2000)	33800 (2000)	100000 (2000)	256000 (2000)	12400 J (2000)	35800 (2000)	75200 (2000)	NM	13100 J (2000)	98900 (2000)	36100 (2000)	6200 J (2000)	NM
Ammonia	NE	U (23)	U (23)	U (23)	U (23)	U (23)	U (23)	U (23)	U (23)	U (23)	U (23)	U (23)	U (23)	U (23)	U (23)	NM	U (23)	130 (23)	95 J (23)	U (23)	NM
Bicarbonate Alkalinity	NE	17900 J (2000)	13700 J (2000)	10600 J (2000)	14400 J (2000)	195000 (2000)	385000 (2000)	109000 (2000)	28000 (2000)	33800 (2000)	100000 (2000)	256000 (2000)	12400 J (2000)	35800 (2000)	75200 (2000)	NM	13100 J (2000)	98900 (2000)	36100 (2000)	6200 J (2000)	NM
Carbon Dioxide	NE	0	0	0	0	313000	500000	201000	159000	188000	259000	328000	0	50000	251000	NM	0	348000	226000	0	NM
Organic Carbon (total)[5]	NE	640 J (500)	U (500)	U (500)	U (500)	U (500)	1900 (500)	U (500)	U (500)	U (500)	U (500)	U (500)	U (500)	7800 (500)	550 J (500)	NM	550 J (500)	720 J (500)	U (500)	190 J (1000)	NM
Carbonate Alkalinity (as CaCO3)	NE	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)	NM	U (2000)	U (2000)	U (2000)	U (2000)	NM
Chloride	NE	96400 (500)	248000 (500)	379000 (500)	247000 (500)	240000 (500)	135000 (500)	104000 (500)	149000 (500)	161000 (500)	172000 (500)	113000 (500)	313000 (500)	23600 (500)	220000 (500)	NM	316000 (500)	300000 (500)	448000 (500)	248000 (500)	NM
Iron, Ferric[5]	NE	130 J (200)	52 J (200)	49 J (200)	30 J (200)	890 (200)	9500 (200)	2100 (200)	87 J (200)	1200 (200)	74 J (200)	740 (200)	25 J (200)	1600 (200)	37 J (200)	NM	19 J (200)	65 J (200)	790 (200)	130 J (200)	NM
Nitrogen	NE	210 (12)	21 J (12)	25 J (12)	40 J (12)	U (12)	U (12)	1500 (12)	740 (12)	380 (12)	220 (12)	22 J (12)	U (12)	53 J (12)	530 (12)	NM	1100 (12)	2700 (12)	39 J (12)	U (12)	NM
Nitrogen, Nitrate (As N)	NE	210 (12)	21 J (12)	25 J (12)	40 J (12)	U (12)	U (12)	1500 (12)	740 (12)	380 (12)	220 (12)	22 J (12)	U (12)	53 J (12)	530 (12)	NM	1100 (12)	2700 (12)	39 J (12)	U (12)	NM
Nitrogen, Nitrite	NE	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	U (12)	NM	U (12)	U (12)	U (12)	U (12)	NM
pH [STD UNITS]	NE	5.3 (0.1)	5.1 (0.1)	4.9 (0.1)	5.2 (0.1)	6.4 (0.1)	6.7 (0.1)	6.3 (0.1)	5.6 (0.1)	5.6 (0.1)	6.1 (0.1)	6.7 (0.1)	5.2 (0.1)	6.6 (0.1)	5.9 (0.1)	NM	5.2 (0.1)	5.9 (0.1)	5.6 (0.1)	5 (0.1)	NM
Phosphates (total)	NE	U (10)	32 (10)	14 J (10)	49 (10)	170 (10)	210 (10)	500 (10)	18 J (10)	U (10)	39 (10)	32 (10)	U (10)	270 (10)	U (10)	NM	32 (10)	900 (10)	32 (10)	32 (10)	NM
Sulfide (total)	NE	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)	NM	U (9.6)	U (9.6)	U (9.6)	U (9.6)	NM
Sulfate	NE	31500 (500)	45500 (500)	3800 (54)	2500 (54)	U (500)	27700 (500)	20900 (500)	7200 (500)	8000 (500)	7100 (54)	7400 (54)	800 J (500)	3000 (500)	3100 (500)	NM	477000 (54)	669000 (54)	2600 (54)	580 J (500)	NM
Gasses																					
Methane	NE	2.8 (0.042)	5.8 (0.042)	0.2 (0.042)	0.32 (0.042)	0.53 (0.042)	1.8 (0.042)	U (0.042)	U (0.042)	0.4 (0.042)	U (0.042)	U (0.042)	21 (0.042)	5.4 (0.042)	1.7 (0.042)	NM	3.9 (0.042)	0.91 (0.042)	12 (0.042)	20 (0.042)	NM
Ethane	NE	U (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	NM	0.047 (0.002)	0.066 (0.002)	0.031 (0.002)	U (0.002)	NM
Ethene	NE	U (0.003)	U (0.003)	U (0.003)	U (0.003)	U (0.003)	U (0.003)	U (0.003)	U (0.003)	U (0.003)	U (0.003)	U (0.003)	0.025 (0.003)	0.036 (0.003)	U (0.003)	NM	U (0.003)	U (0.003)	U (0.003)	U (0.003)	NM
Hydrogen [nM] [4*]	NE	NM	120 (1.3)	7.3 (0.13)	8.4 (0.13)	NM	NM	NM	4.1 (0.13)	NM	5.3 (0.13)	1.4 (0.13)	1.6 (0.13)	4.5 (0.13)	6.5 (0.13)	NM	340 (2.6)	11 (0.13)	4.9 (0.13)	7.6 (0.13)	NM
Molecular Analyses																					
BAV1 Vinyl Chloride Reductase [cells/mL]	NE	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.142857)	U (0.088889)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	990 (0.1)	0.5 (0.1)	NM	U (0.1)	U (0.1)	0.2 J (0.1)	16.6 (0.1)	NM
Dehalococcoides (DHC) [cells/mL]	NE	0.6 J (0.1)	U (0.1)	2.2 (0.1)	0.6 J (0.1)	0.7 (0.1)	5.5 (0.1)	U (0.142857)	U (0.088889)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	2380 (0.1)	1.1 (0.1)	NM	U (0.1)	U (0.1)	42.3 (0.1)	16.9 (0.1)	NM
tceA Reductase [cells/mL]	NE	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.142857)	U (0.088889)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	NM	U (0.1)	U (0.1)	U (0.1)	U (0.1)	NM
Vinyl Chloride Reductase (vrcA) [cells/mL]	NE	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.142857)	U (0.088889)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	U (0.1)	NM	U (0.1)	U (0.1)	U (0.1)	U (0.1)	NM

Notes:

1 All concentrations are presented in ug/L except where noted.
2 Only compounds with at least one detection are shown.
3 Concentrations that exceed the ALs for Fort Smith ADEQ RADD Issued Dec 2013 are double underlined.
4 Concentration presented in nM = nanomolar. Sampling Method
5 Method detection limits were unavailable for Iron, Ferric and Organic Carbon (total), reporting limits are shown.

Abbreviations:

U -- Not Detected.
J -- Estimated Concentration.
( ) -- Method Detection Limit.
* -- Sampled on different day than other parameters with different method
RADD -- Remedial Action Decision Document
ADEQ -- Arkansas Department of Environmental Quality
ug/L -- micrograms per Liter
mL -- milliliters
NE -- Not Established
NM -- Not Measured

Onsite Wells
Offsite Wells
Plume Boundary Wells

TABLE A
SUMMARY OF MONITORING WELL GROUND WATER SAMPLE ANALYTICAL RESULTS - 4TH QUARTER 2014
Whirlpool Corporation; Fort Smith, AR

Location		MW-56	MW-57	MW-58	MW-71	RW-69
ENVIRON Sample ID		MW-56-201410	MW-57-201410	MW-58-201410	MW-71-201410	RW-69-201410
Lab Sample ID(s)	Remedial Action Levels per ADEQ RADD Issued Dec 2013	041LJ044, 137090021, 60180441021	041LJ055, 137090019, 60180441019	137010002, 041LJ033, 137090020, 60180441020	137000024, 041LJ019, 137080013, 60180331008	137000023, 041LJ018, 137080012, 60180331007
Sample Date		10/15/2014	10/15/2014	10/15/2014	10/14/2014	10/14/2014
Sample Method		Low Flow	Low Flow	Low Flow	Low Flow	Low Flow
Comments						
Volatile Organic Compounds						
Acetone	12000	U (5)	U (5)	U (5)	U (5)	U (5)
Bromodichloromethane	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromoform	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromomethane	7.0	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)
2-Butanone	4900	U (5)	U (5)	U (5)	U (5)	U (5)
Chlorobenzene	100	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloroethane	12000	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloroform	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloromethane	190	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Dibromochloromethane	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethane	2.4	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,2-Dichloroethane	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethene	7.0	1 J (0.5)	0.59 J (0.5)	2.1 J (0.5)	1.3 J (0.5)	0.85 J (0.5)
cis-1,2-Dichloroethene	70	12.1 (0.5)	4.2 J (0.5)	10.8 (0.5)	6 (0.5)	6.9 (0.5)
trans-1,2-Dichloroethene	100	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Methylene Chloride	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,2,2-Tetrachloroethane	0.066	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Tetrachloroethene	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Toluene	1000	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,1-Trichloroethane	200	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,2-Trichloroethane	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Trichloroethene	5.0	408 (0.5)	172 (0.5)	360 (0.5)	185 (0.5)	173 (0.5)
Vinyl Chloride	2.0	U (0.5)	U (0.5)	0.68 J (0.5)	U (0.5)	U (0.5)
Metals						
Iron	NE	1210 (24)	7490 (24)	827 (24)	1000 (24)	1110 (24)
Manganese	NE	158 (2.5)	338 (2.5)	359 (2.5)	1660 (2.5)	664 (2.5)
Monitored Natural Attenuation Parameters (Laboratory)						
Total Alkalinity	NE	26600 (2000)	30200 (2000)	9600 J (2000)	20700 (2000)	14200 J (2000)
Ammonia	NE	U (23)	U (23)	U (23)	U (23)	U (23)
Bicarbonate Alkalinity	NE	26600 (2000)	30200 (2000)	9600 J (2000)	20700 (2000)	14200 J (2000)
Carbon Dioxide	NE	154000	246000	0	235000	0
Organic Carbon (total)[5]	NE	480 J (1000)	330 J (1000)	290 J (1000)	U (500)	740 J (500)
Carbonate Alkalinity (as CaCO3)	NE	U (2000)	U (2000)	U (2000)	U (2000)	U (2000)
Chloride	NE	165000 (500)	283000 (500)	267000 (500)	258000 (500)	276000 (500)
Iron, Ferric[5]	NE	690 (200)	7100 (200)	160 J (200)	210 (200)	150 J (200)
Nitrogen	NE	130 (12)	U (12)	U (12)	U (12)	U (12)
Nitrogen, Nitrate (As N)	NE	130 (12)	U (12)	U (12)	U (12)	U (12)
Nitrogen, Nitrite	NE	U (12)	U (12)	U (12)	U (12)	U (12)
pH [STD UNITS]	NE	5.6 (0.1)	5.4 (0.1)	5 (0.1)	5.3 (0.1)	5.2 (0.1)
Phosphates (total)	NE	32 (10)	32 (10)	U (10)	U (10)	U (10)
Sulfide (total)	NE	31 J (9.6)	U (9.6)	U (9.6)	U (9.6)	U (9.6)
Sulfate	NE	4900 (500)	3900 (500)	2400 (500)	1900 (500)	1900 (500)
Gasses						
Methane	NE	0.49 (0.042)	2.8 (0.042)	36 (0.042)	73 (0.042)	34 (0.042)
Ethane	NE	U (0.002)	U (0.002)	U (0.002)	U (0.002)	0.038 (0.002)
Ethene	NE	0.2 (0.003)	0.091 (0.003)	0.026 (0.003)	0.05 (0.003)	0.26 (0.003)
Hydrogen [nM] [4*]	NE	NM	NM	2.6 (0.13)	1.9 (0.13)	1.6 (0.13)
Molecular Analyses						
BAV1 Vinyl Chloride Reductase [cells/mL]	NE	3.1 (0.117647)	U (0.117647)	1.9 (0.1)	U (0.1)	U (0.1)
Dehalococcoides (DHC) [cells/mL]	NE	37.1 (0.117647)	3.6 (0.117647)	31.7 (0.1)	0.8 (0.1)	2.1 (0.1)
tceA Reductase [cells/mL]	NE	2.1 (0.117647)	U (0.117647)	U (0.1)	U (0.1)	U (0.1)
Vinyl Chloride Reductase (vrcA) [cells/mL]	NE	0.3 J (0.117647)	U (0.117647)	U (0.1)	U (0.1)	U (0.1)

Notes:

1 All concentrations are presented in ug/L except where noted.
2 Only compounds with at least one detection are shown.
3 Concentrations that exceed the ALs for Fort Smith ADEQ RADD Issued Dec 2013 are double underlined.
4 Concentration presented in nM = nanomolar. Sampling Method
5 Method detection limits were unavailable for Iron, Ferric and Organic Carbon (total), reporting limits are shown.

Abbreviations:

U -- Not Detected.
J -- Estimated Concentration.
( ) -- Method Detection Limit.
* -- Sampled on different day than other parameters with different method
RADD -- Remedial Action Decision Document
ADEQ -- Arkansas Department of Environmental Quality
ug/L -- micrograms per Liter
mL -- milliliters
NE -- Not Established
NM -- Not Measured

Onsite Wells
Offsite Wells
Plume Boundary Wells

TABLE B
SUMMARY OF NORTHEAST CORNER GROUND WATER SAMPLE ANALYTICAL RESULTS - 4TH QUARTER 2014
Whirlpool Corporation; Fort Smith, AR

Location		MW-87	MW-88	MW-89	MW-90	MW-91	MW-96	MW-97	MW-98	MW-99
ENVIRON Sample ID	Remedial Action	MW-87-201410	MW-88-201410	MW-89-201410	MW-90-201410	MW-91-201410	MW-96-20141022	MW-97-20141022	MW-98-2014 1029	MW-99-20141022
Lab Sample ID(s)	Levels per ADEQ	60180642003	60180642002	60180642004	60180642005	60180642001	60180994003	60180994001	60181472001	60180994002
Sample Date	RADD Issued	10/16/2014	10/16/2014	10/16/2014	10/16/2014	10/16/2014	10/22/2014	10/22/2014	10/29/2014	10/22/2014
Sample Method	Dec 2013	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow
Comments										
Volatile Organic Compounds										
Acetone	12000	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)
Bromodichloromethane	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromoform	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromomethane	7.0	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)
2-Butanone	4900	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)
Chlorobenzene	100	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloroethane	12000	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloroform	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloromethane	190	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Dibromochloromethane	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethane	2.4	2.2J (0.5)	U (0.5)	U (0.5)	U (0.5)	1.2J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,2-Dichloroethane	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethene	7.0	6.2 (0.5)	U (0.5)	U (0.5)	U (0.5)	3.5 J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
cis-1,2-Dichloroethene	70	47.8 (0.5)	U (0.5)	U (0.5)	U (0.5)	28.8 (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
trans-1,2-Dichloroethene	100	0.56J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Methylene Chloride	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,2,2-Tetrachloroethane	0.066	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Tetrachloroethene	5.0	2.5J (0.5)	U (0.5)	U (0.5)	U (0.5)	1.4J (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Toluene	1000	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,1-Trichloroethane	200	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,2-Trichloroethane	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Trichloroethene	5.0	594 (0.5)	U (0.5)	11.3	U (0.5)	319 (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Vinyl Chloride	2.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)

Notes:

1 All concentrations are presented in ug/L except where noted.
2 For comparison purposes, only compounds shown on Table 5 are shown here.
3 Concentrations that exceed the RALs for
Fort Smith ADEQ RADD Issued Dec

Abbreviations:

U -- Not Detected.
J -- Estimated Concentration.
( ) -- Method Detection Limit.
RADD -- Remedial Action Decision Document
ADEQ -- Arkansas Department of Environmental Quality
ug/L -- micrograms per Liter

TABLE C
SUMMARY OF ISCO MONITORING WELL WATER ANALYTICAL RESULTS - DECEMBER 2014

Whirlpool Facility, Fort Smith, AR

Location		ITMW-11	ITMW-12	ITMW-15	ITMW-17	ITMW-18	ITMW-19
ENVIRON Sample ID	Remedial Action	ITMW-11-20141204	ITMW-12-20141204	ITMW-15-20141205	ITMW-17-20141205	ITMW-18-20141204	ITMW-19-20141205
Lab Sample ID	Levels per ADEQ	60183996007	60183996015	60183996008	60183996010	60183996004	60183996016
Sample Method	RADD Issued						
Sample Date	December 2013	12/04/2014	12/04/2014	12/05/2014	12/05/2014	12/04/2014	12/05/2014
Comments							
Volatile Organic Compounds							
Acetone	12000	U (5)	8.4 J (5)	81.3 (5)	6.1 J (5)	17.9 (5)	U (5)
Benzene	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromoform	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromomethane	7.0	U (2.5)	6.5 J (2.5)	14.2 (2.5)	U (2.5)	4.5 J (2.5)	U (2.5)
2-Butanone	4900	U (5)	U (5)	U (5)	U (5)	U (5)	U (5)
Carbon Tetrachloride	5	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloroethane	12000	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloroform	80	0.65 J (0.5)	0.72 J (0.5)	U (0.5)	1.4 J (0.5)	2.7 J (0.5)	U (0.5)
Chloromethane	190	U (0.5)	2.2 J (0.5)	15.8 (0.5)	U (0.5)	3.1 J (0.5)	U (0.5)
Dibromochloromethane	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethane	2.4	U (0.5)	U (0.5)	U (0.5)	U (0.5)	2.2 J (0.5)	U (0.5)
1,1-Dichloroethene	7.0	U (0.5)	U (0.5)	U (0.5)	7.3 (0.5)	1.2 J (0.5)	U (0.5)
cis-1,2-Dichloroethene	70	55 (0.5)	51.1 (0.5)	U (0.5)	210 J (0.5)	74.3 (0.5)	U (0.5)
trans-1,2-Dichloroethene	100	1.5 J (0.5)	6.8 (0.5)	U (0.5)	25.9 (0.5)	13.3 (0.5)	U (0.5)
Methylene Chloride	5.0	1.2 J (0.5)	0.95 J (0.5)	U (0.5)	0.7 J (0.5)	0.52 J (0.5)	U (0.5)
1,1,2,2-Tetrachloroethane	0.066	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.96 J (0.5)	U (0.5)
Tetrachloroethene	5.0	0.85 J (0.5)	0.6 J (0.5)	U (0.5)	1.5 J (0.5)	1.8 J (0.5)	U (0.5)
Toluene	1000	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1,1-Trichloroethane	200	U (0.5)	U (0.5)	U (0.5)	0.73 J (0.5)	U (0.5)	U (0.5)
1,1,2-Trichloroethane	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	0.7 J (0.5)	U (0.5)
Trichloroethene	5.0	1530 (0.5)	468 (0.5)	63 (0.5)	4630 (0.5)	3690 (0.5)	33.5 (0.5)
Vinyl Chloride	2.0	6.4 (0.5)	0.88 J (0.5)	U (0.5)	7.7 (0.5)	U (0.5)	U (0.5)

Notes:

1 All concentrations are presented in ug/L (ppb).

2 Only compounds with at least one detection are shown.

3 Concentrations that exceed the Remedial Action Levels per ADEQ RADD Issued 2013 are double underlined.

Abbreviations:

U -- Not Detected.
J -- Estimated Concentration.
( ) -- Method Detection Limit.
RADD -- Remedial Action Decision Document
ADEQ -- Arkansas Department of Environmental Quality

TABLE C
SUMMARY OF ISCO MONITORING WELL WATER ANALYTICAL RESULTS - DECEMBER 2014

Whirlpool Facility, Fort Smith, AR

Location		IW-127	IW-141	IW-147	IW-152	IW-153	IW-157
ENVIRON Sample ID	Remedial Action	IW-127-20141204	IW-141-20141205	IW-147-20141205	IW-152-20141204	IW-153-20141204	IW-157-20141205
Lab Sample ID	Levels per ADEQ	60183996005	60183996021	60183996011	60183996022	60183996002	60183996017
Sample Method	RADD Issued						
Sample Date	December 2013	12/04/2014	12/05/2014	12/05/2014	12/04/2014	12/04/2014	12/05/2014
Comments							
Volatile Organic Compounds							
Acetone	12000	22.2 (5)	83.3 (5)	141 (5)	U (5)	28.8 (5)	53.4 (5)
Benzene	5.0	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromoform	80	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromomethane	7.0	11.8 (2.5)	U (2.5)	2.6 J (2.5)	U (2.5)	3.1 J (2.5)	U (2.5)
2-Butanone	4900	U (5)	11.9 (5)	19 (5)	U (5)	U (5)	183 (5)
Carbon Tetrachloride	5	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloroethane	12000	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
Chloroform	80	0.67 J (0.5)	18.8 (0.5)	71.5 (0.5)	U (0.5)	U (0.5)	10.3 (0.5)
Chloromethane	190	2.4 J (0.5)	6.7 J (0.5)	4.1 J (0.5)	U (0.5)	6.7 J (0.5)	0.62 J (0.5)
Dibromochloromethane	80	U (0.5)	U (0.5)	64.3 (0.5)	U (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethane	2.4	U (0.5)	1.7 J (0.5)	4.4 (0.5)	U (0.5)	U (0.5)	1.1 J (0.5)
1,1-Dichloroethene	7.0	U (0.5)	6.1 (0.5)	62.8 (0.5)	U (0.5)	U (0.5)	27.4 (0.5)
cis-1,2-Dichloroethene	70	7.2 (0.5)	232 E (0.5)	1420 J (0.5)	U (0.5)	U (0.5)	391 E (0.5)
trans-1,2-Dichloroethene	100	1.1 J (0.5)	8.1 (0.5)	80.1 (0.5)	U (0.5)	U (0.5)	17.1 (0.5)
Methylene Chloride	5.0	0.91 J (0.5)	51.5 (0.5)	39.8 (0.5)	U (0.5)	U (0.5)	8 (0.5)
1,1,2,2-Tetrachloroethane	0.066	U (0.5)	8.2 (0.5)	26.8 (0.5)	U (0.5)	U (0.5)	3.1 (0.5)
Tetrachloroethene	5.0	U (0.5)	22.7 (0.5)	62.7 (0.5)	U (0.5)	U (0.5)	10.6 (0.5)
Toluene	1000	U (0.5)	0.61 J (0.5)	2.1 J (0.5)	U (0.5)	U (0.5)	0.58 J (0.5)
1,1,1-Trichloroethane	200	U (0.5)	101 (0.5)	359 E (0.5)	U (0.5)	U (0.5)	48.5 (0.5)
1,1,2-Trichloroethane	5.0	U (0.5)	0.6 J (0.5)	0.55 J (0.5)	U (0.5)	U (0.5)	U (0.5)
Trichloroethene	5.0	182 (0.5)	46300 (0.5)	91600 (0.5)	U (0.5)	1.6 J (0.5)	31700 (0.5)
Vinyl Chloride	2.0	U (0.5)	31 (0.5)	176 (0.5)	U (0.5)	U (0.5)	66.8 (0.5)

Notes:

1 All concentrations are presented in ug/L (ppb).

2 Only compounds with at least one detection are shown.

3 Concentrations that exceed the Remedial Action Levels per ADEQ RADD Issued 2013 are double underlined.

Abbreviations:

U -- Not Detected.
J -- Estimated Concentration.
( ) -- Method Detection Limit.
RADD -- Remedial Action Decision Document
ADEQ -- Arkansas Department of Environmental Quality

TABLE C
SUMMARY OF ISCO MONITORING WELL WATER ANALYTICAL RESULTS - DECEMBER 2014

Whirlpool Facility, Fort Smith, AR

Location		MW-25	MW-38	MW-85	MW-86	MW-92	MW-93
ENVIRON Sample ID	Remedial Action	MW-25-20141205	MW-38-20141204	MW-85-20141205	MW-86-20141205	MW-92-20141204	MW-93-20141204
Lab Sample ID	Levels per ADEQ	60183996018	60183996006	60183996019	60183996012	60183996001	60183996003
Sample Method	RADD Issued						
Sample Date	December 2013	12/05/2014	12/04/2014	12/05/2014	12/05/2014	12/04/2014	12/04/2014
Comments							
Volatile Organic Compounds							
Acetone	12000	170 (5)	U (5)	55.5 (5)	399 (5)	6 J (5)	U (5)
Benzene	5.0	U (0.5)	2 J (0.5)	0.62 J (0.5)	U (0.5)	U (0.5)	U (0.5)
Bromoform	80	U (0.5)	U (0.5)	U (0.5)	0.7 J (0.5)	0.63 J (0.5)	U (0.5)
Bromomethane	7.0	U (2.5)	U (2.5)	18.3 (2.5)	4.8 J (2.5)	U (2.5)	U (2.5)
2-Butanone	4900	25.6 (5)	U (5)	10.8 (5)	143 (5)	U (5)	U (5)
Carbon Tetrachloride	5	U (0.5)	U (0.5)	U (0.5)	14.4 (0.5)	U (0.5)	U (0.5)
Chloroethane	12000	U (0.5)	U (0.5)	U (0.5)	1.2 J (0.5)	U (0.5)	U (0.5)
Chloroform	80	4 J (0.5)	0.58 J (0.5)	31.8 (0.5)	4060 J (0.5)	0.62 J (0.5)	7.7 (0.5)
Chloromethane	190	0.95 J (0.5)	U (0.5)	11.2 (0.5)	17.2 (0.5)	0.68 J (0.5)	U (0.5)
Dibromochloromethane	80	2.6 J (0.5)	1.2 J (0.5)	22.5 (0.5)	45.7 (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethane	2.4	1.5 J (0.5)	U (0.5)	2 J (0.5)	44.2 (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethene	7.0	U (0.5)	14.7 (0.5)	6.5 (0.5)	295 E (0.5)	3.1 J (0.5)	22.6 (0.5)
cis-1,2-Dichloroethene	70	31.5 (0.5)	697 (0.5)	280 (0.5)	290 E (0.5)	23.4 (0.5)	85.7 (0.5)
trans-1,2-Dichloroethene	100	5.3 (0.5)	9.7 (0.5)	51.6 (0.5)	47.7 (0.5)	1.8 J (0.5)	1.2 J (0.5)
Methylene Chloride	5.0	2.7 J (0.5)	1.1 J (0.5)	146 (0.5)	50.5 (0.5)	U (0.5)	3.2 J (0.5)
1,1,2,2-Tetrachloroethane	0.066	50.2 (0.5)	U (0.5)	109 (0.5)	1710 J (0.5)	U (0.5)	U (0.5)
Tetrachloroethene	5.0	2.6 J (0.5)	1.1 J (0.5)	22 (0.5)	44 (0.5)	0.8 J (0.5)	3.5 J (0.5)
Toluene	1000	U (0.5)	0.84 J (0.5)	U (0.5)	10.4 (0.5)	U (0.5)	U (0.5)
1,1,1-Trichloroethane	200	4.7 J (0.5)	U (0.5)	250 J (0.5)	1310 J (0.5)	3.6 J (0.5)	U (0.5)
1,1,2-Trichloroethane	5.0	0.87 J (0.5)	U (0.5)	2.3 J (0.5)	10.7 (0.5)	U (0.5)	1.2 J (0.5)
Trichloroethene	5.0	2620 J (0.5)	3190 (0.5)	27700 (0.5)	169000 (0.5)	2200 (0.5)	14600 (0.5)
Vinyl Chloride	2.0	2.1 (0.5)	193 (0.5)	7.7 (0.5)	24.7 (0.5)	10.3 (0.5)	2.5 (0.5)

Notes:

1 All concentrations are presented in ug/L (ppb).

2 Only compounds with at least one detection are shown.

3 Concentrations that exceed the Remedial Action Levels per ADEQ RADD Issued 2013 are double underlined.

Abbreviations:

U -- Not Detected.
J -- Estimated Concentration.
( ) -- Method Detection Limit.
RADD -- Remedial Action Decision Document
ADEQ -- Arkansas Department of Environmental Quality

TABLE C
SUMMARY OF ISCO MONITORING WELL WATER ANALYTICAL RESULTS - DECEMBER 2014

Whirlpool Facility, Fort Smith, AR

Location		MW-94	MW-95	MW-172
ENVIRON Sample ID	Remedial Action	MW-94-20141204	MW-95-20141204	MW-172-20141205
Lab Sample ID	Levels per ADEQ	60183996013	60183996014	60183996009
Sample Method	RADD Issued			
Sample Date	December 2013	12/04/2014	12/04/2014	12/05/2014
Comments				
Volatile Organic Compounds				
Acetone	12000	U (5)	U (5)	22.2 (5)
Benzene	5.0	U (0.5)	U (0.5)	U (0.5)
Bromoform	80	U (0.5)	U (0.5)	U (0.5)
Bromomethane	7.0	U (2.5)	U (2.5)	12.7 (2.5)
2-Butanone	4900	U (5)	U (5)	U (5)
Carbon Tetrachloride	5	U (0.5)	U (0.5)	U (0.5)
Chloroethane	12000	U (0.5)	U (0.5)	U (0.5)
Chloroform	80	3.3 J (0.5)	7.5 (0.5)	4 J (0.5)
Chloromethane	190	U (0.5)	U (0.5)	1.8 J (0.5)
Dibromochloromethane	80	U (0.5)	U (0.5)	1.9 J (0.5)
1,1-Dichloroethane	2.4	2.9 (0.5)	U (0.5)	U (0.5)
1,1-Dichloroethene	7.0	130 (0.5)	38.7 (0.5)	U (0.5)
cis-1,2-Dichloroethene	70	250 J (0.5)	159 (0.5)	15.6 (0.5)
trans-1,2-Dichloroethene	100	2.3 J (0.5)	1.5 J (0.5)	2.6 J (0.5)
Methylene Chloride	5.0	0.63 J (0.5)	3.8 J (0.5)	1.7 J (0.5)
1,1,2,2-Tetrachloroethane	0.066	U (0.5)	U (0.5)	2.3 (0.5)
Tetrachloroethene	5.0	2.7 J (0.5)	6.3 (0.5)	1.7 J (0.5)
Toluene	1000	U (0.5)	U (0.5)	U (0.5)
1,1,1-Trichloroethane	200	U (0.5)	U (0.5)	U (0.5)
1,1,2-Trichloroethane	5.0	0.67 J (0.5)	2 J (0.5)	0.69 J (0.5)
Trichloroethene	5.0	9570 (0.5)	20900 (0.5)	1810 (0.5)
Vinyl Chloride	2.0	3 (0.5)	29.9 (0.5)	1.3 J (0.5)

Notes:

1 All concentrations are presented in ug/L (ppb).

2 Only compounds with at least one detection are shown.

3 Concentrations that exceed the Remedial Action Levels per ADEQ RADD Issued 2013 are double underlined.

Abbreviations:

U -- Not Detected.
J -- Estimated Concentration.
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RADD -- Remedial Action Decision Document
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