

## **Corrective Action Strategy (CAS) Work Plan Addendum**

**Whirlpool Corporation  
Fort Smith, Arkansas**

August 30, 2006

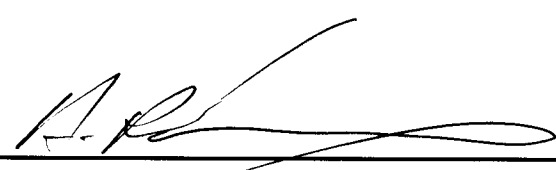
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Whirlpool Corporation

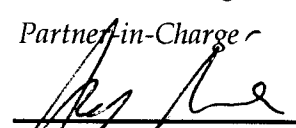
## Corrective Action Strategy (CAS) Work Plan Addendum

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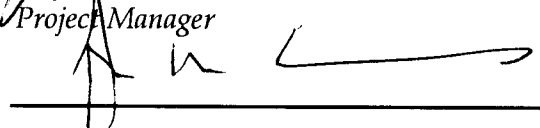
Project No. 0014507  
Fort Smith, Arkansas

  
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30 Aug. 06



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## 1.0

### **INTRODUCTION**

Whirlpool has prepared this Addendum to the Corrective Action Strategy (CAS) Work Plan for the Fort Smith Facility in accordance with the agreement drawn during the June 2006 project review meeting with the Arkansas Department of Environmental Quality (ADEQ). This document addresses the remaining Notice of Deficiency (NOD) comments from the ADEQ and outlines Whirlpool's plan for managing the potential risks to human health and the environment associated with a historical release at the Fort Smith site.

Prior to entering the CAS program, Whirlpool developed a flow chart to illustrate the process logic for the overall management of ground water issues at Fort Smith. The flow chart, provided in Figure 1-1, has been updated to incorporate the CAS Addendum. Once approved, it is understood that the Addendum will fulfill all administrative requirements for the CAS Work Plan.

## 1.1

### **SITE BACKGROUND**

The Whirlpool Fort Smith facility is located at 6400 Jenny Lind Avenue on the south side of Fort Smith, Arkansas (Figure 1-2). The facility manufactures side-by-side household refrigerators, trash compactors and icemakers, and has been operated by Whirlpool for over 30 years.

In the late 1980's, a series of soil and ground water studies were initiated at the site as part of a project to remove an underground fuel storage tank (UST) that was located near the northwest corner of the site. The initial work indicated that there was no evidence of releases of petroleum hydrocarbons from the UST. However, the analytical data showed the presence of trichloroethylene (TCE) and other solvents not related to the UST in the shallow ground water. Subsequent investigations, including a soil investigation to assess the potential source area, have been conducted to characterize and delineate the affected area.

In 2001, the investigation indicated that the TCE plume extended off-site north of the facility. At that point, Whirlpool initiated discussions with the ADEQ to enter a letter of agreement (LOA) to implement a CAS at the Whirlpool Facility. As specified in the LOA, Whirlpool has submitted a Conceptual Site Model, hosted a Scoping Meeting and submitted an initial CAS Work Plan. As summarized in the chronology below, Whirlpool has continued site investigation activities at the facility to assess the extent of affected soil and ground water and assess the potential need for interim corrective measures to protect human health and the environment.

## 1.2

### **CHRONOLOGY OF CAS ACTIVITIES/MILESTONES**

August 2001      Notice of Intent (NOI)

June 2002      Letter of Agreement (LOA)

August 2002	Conceptual Site Model (CSM)
August 2002	Scoping Meeting - ADEQ indicated that Whirlpool should proceed with off-site delineation under CAS Work Plan Outline.
August 2002	CSM Addendum
June 2003	CAS Work Plan
July 2003	Off-site Delineation Phase A – included installation and sampling of three off-site wells
November 2003	Off-site Delineation Phase B – included ten Geoprobe borings and field screening using a membrane interface probe, and the installation and sampling of four off-site wells
June 2004	Interim Status Report and Revised CAS Work Plan
October 2004	E-mail from Linda Hanson, ADEQ – directed Whirlpool to continue with off-site delineation under the Revised CAS Work Plan and address specified deficiencies upon completion of delineation
November 2004	Off-site Delineation Phase C – included installation of seven Geoprobe borings and the installation and sampling of four off-site wells
March 2005	Interim Status Report for Off-Site Investigation
April 2005	Off-Site Delineation Phase D – included installation of five Geoprobe borings and the installation and sampling of four off-site wells
June 2005	Interim Status Report for Off-Site Investigation
June 2005	Notice of Deficiency (NOD) letter from ADEQ – identified several items to be addressed, requested a revised CAS Work Plan
July 2005	Response to June 2005 ADEQ NOD letter
April 2006	Off-site Delineation Phase E– including installation and sampling of two off-site monitoring wells
June 2006	NOD letter from ADEQ

June 2006                      Meeting with ADEQ to review off-site delineation status and clarify path forward

### **1.3                      *OBJECTIVES FOR THIS ADDENDUM***

The primary objective of this CAS Work Plan Addendum is to address comments in the ADEQ NOD letters dated June 16, 2005, June 20, 2006, and June 22, 2006. Table 1-1 lists the ADEQ NOD comments that have not been addressed in previous submittals. Also included in the table are summaries of the activities Whirlpool has completed to address the comments and the location where the details are provided in this submittal.

A secondary objective of this CAS Work Plan Addendum is to identify remaining activities to complete the requirements of the CAS process.

## 2.0 *RESPONSE TO REMAINING NODS*

### 2.1 *DELINEATION ACTIVITIES*

This section of the Addendum partially addresses item 1e in Table 1-1.

The delineation activities have focused on characterizing the subsurface conditions and extent of the affected ground water plume in the area north of Ingersoll Avenue. Five phases of delineation have been completed to date. Boring logs and well completion data for the initial two phases of delineation were included in Appendix C of the CAS Work Plan Revision submitted to the ADEQ in June 2004. Boring logs and well completion data from the most recent three phases of delineation are included in Appendix A of this submittal.

Whirlpool completed the fifth phase of plume delineation in April 2006 which included the installation of two additional monitor wells (MW-66 and MW-67) along the east side of Jenny Lind between Brazil Avenue and Jacobs Avenue (Figure 2-1). These monitor wells were installed, developed, and sampled following the procedures outlined in the 2004 CAS Work Plan Revision. The boring logs and well completion details for these wells are included in Appendix A.

Evaluation of potentiometric surface maps from the past five years indicates that there are two distinct ground water flow regimes at the site (Figure 2-2). These flow regimes are separated by a ground water divide that is consistently present along a general line from MW-26 through MW-24, ITMW-3, and MW-22. The Northern Flow Regime extends from the ground water divide across Ingersoll to the north and northeast. The Southern Flow Regime extends south and southwestward from the ground water divide and covers the majority of the Whirlpool Facility.

In the Northern Flow Regime, ground water flow is consistently toward the northeast without significant seasonal variations. The gradient is relatively flat near the ground water divide and in the immediate area north of Ingersoll Avenue, and then increases north of Jacobs Avenue. The gradient appears to experience minor seasonal fluctuations in magnitude.

In contrast, ground water flow in the Southern Flow Regime has a fairly uniform gradient throughout the year, but exhibits seasonal shifts in ground water flow direction of up to 90 degrees. Ground water appears to flow to the southeast during spring and to the south to southwest during fall.

Analytical results from the delineation activities are discussed in more detail in Section 2.2. In general, the plume in the Northern Flow Regime is composed of only TCE and cis-1,2 DCE, and does not extend north of Brazil or east of Jenny Lind. Similarly, TCE and cis-1,2 DCE are the primary constituents in the Southern Flow Regime plume, although there are occurrences of other compounds in the area north and northwest of the Whirlpool manufacturing

building (the immediate vicinity of the former degreaser building). None of the other constituents have been consistently reported in areas where TCE or cis-1,2 DCE are not also present.

## 2.2 SOIL AND GROUND WATER DATA

This section of the Addendum addresses items 1b, 1e, 1f, 4b, and 4c in Table 1-1. (As discussed in a brief conference call with ADEQ on August 23, 2006, the response to item 1f will include only TCE and cis-1,2 DCE. The rationale for using TCE and cis-1,2 DCE as the key site constituents is provided below.)

Over the past several years, a significant amount of analytical data has been collected as part of Whirlpool's investigations at the Fort Smith site. A complete summary of the data are provided in both tabular and electronic format in Appendix H.

### 2.2.1 *Distribution of Affected Ground Water and Soil*

Results from the regular monitoring activities combined with the recently completed delineation activities have been incorporated into the summary data table and database include in Appendix H.

A detailed review of the data indicates that the ground water plume in the Northern Flow Regime is composed of only TCE and cis-1,2 DCE. Maps showing the distribution of those key constituents are provided in Figures 2-3 and Figure 2-4, respectively. The northern portion of the plume is restricted to an area generally south of Brazil and west of Jenny Lind. The limit of the plume appears to coincide with the area where a gravel-rich alluvial deposit is present (see Section 2.3 for additional discussion). Ground water samples from wells installed outside of the gravel-rich zone have been consistently reported as non-detect for TCE and cis-1,2 DCE. The only exception is that the samples from well MW-63, which is outside the area of the gravel zone, and is hydraulically upgradient or cross gradient from other portions of the plume, have reported very low concentrations of TCE.

The delineation indicates the plume does not appear to affect any surface water. This conclusion is drawn based on data from the wells along Jenny Lind which show no reported constituents. The nearest surface water body is Mill Creek which is approximately 1000 feet east of the intersection of Jenny Lind and Brazil. Because the TCE / cis-1,2 DCE plume does not reach Jenny Lind, there is no pathway for affected groundwater to impact Mill Creek. Consequently, there is no plan to sample the surface water in Mill Creek.

In the Southern Flow Regime, the ground water plume also consists mainly of TCE and cis-1,2 DCE. As illustrated in Figures 2-3 and 2-4, the plume extends to the south and terminates less than 100 feet from the south edge of the Whirlpool manufacturing building.

A review of the data provided in Appendix H shows that 16 other compounds, including some of the daughter products from TCE degradation, which are not present in the Northern Flow Regime plume have been reported in some locations within the Southern Flow Regime plume. Typically, the other compounds are found near the area of the former degreaser building.

However, the 1) frequency of detections, 2) concentration levels, and 3) number of different locations where the other constituents are present is much less than the occurrences of TCE and cis-1,2 DCE. Stated another way, none of the other constituents have been consistently reported in areas where TCE or cis-1,2 DCE are not also present. Additionally, the concentrations of the other constituents are generally lower than the levels of TCE and cis-1,2 DCE. Therefore, using TCE and cis-1,2 DCE as the key constituents gives the most conservative representation of the plume. For that reason (and as agreed to with ADEQ), concentration maps for all constituents have not been prepared because they would not provide a different picture of the extent or nature of the ground water plume.

Affected soil at the Whirlpool facility was evaluated in a focused soil sampling program in 2001. The samples were collected in an area adjacent to the former degreaser building in the northwest part of the facility. The data from that sampling are provided in the summary table and database included in Appendix H. Additionally, the extent of affected soils has been evaluated using headspace data collected from soil cores from the vadose zone during drilling activities. As indicated in the data, the only constituents reported in soils near the former degreaser building are TCE, cis-1,2 DCE, and low-level (<10 ppb) detections of dichloromethane (which appear to be artifacts of laboratory contamination). Based on the sampling results and PID field screening, the extent of affected soil and detections of COCs in soil are illustrated in Figure 2-5.

## **2.2.2      *Laboratory Reporting and Data QA/QC***

As discussed during the June 2006 project status meeting with ADEQ, the analytical program that has been followed through the end of Phase E delineation activities was intended to yield data that supports the general objective of characterizing the nature and extent of the affected media. Additionally, the semi annual ground water monitoring has focused on establishing concentration trends over time. To this point, none of the data have been used to demonstrate that a specific clean up level or other compliance standard has been achieved. Accordingly, the data quality objectives (DQOs) for the plume chasing and semi annual monitoring were such that the laboratory data have been reported to meet Level II quality assurance (QA) requirements. (The large volume of paper associated with the historical laboratory reports is not included with this CAS Addendum, but is available for review upon request.)

Based on the findings from the Phase E delineation effort, Whirlpool believes that the ground water plume has been adequately defined. As a result, the



analytical program for the semi annual monitoring conducted during the fall time frame will now include Level IV QA reporting from the laboratory. Whirlpool has selected the fall time frame because a review of the historical data indicates that ground water concentrations vary due to seasonal conditions, and the higher concentrations are consistently observed during the fall period.

The Level IV data packages will be used to support data validation in accordance with the CAS Quality Assurance Project Plan (QAPP). The validated data will be used to confirm that the limits of the plume are adequately defined. Similarly, additional samples that are used as confirmation that an affected area is fully delineated or that remediation has met a final clean up standard will also be reported under the Level IV QA format. However, the DQOs for future sampling that may be conducted to assist in evaluating remedial options or for screening-level data to generally characterize the nature of ground water or soils can be done using Level II or lower QA reporting.

## 2.3 *GEOLOGY INCLUDING THE DISTRIBUTION OF THE GRAVEL-RICH ZONE*

This section of the Addendum addresses items 1b, 1f, 1g, and 5c in Table 1-1. (As discussed in a brief conference call with ADEQ on August 23, 2006, the response to item 1f will include only TCE and cis-1,2 DCE. The rationale for using TCE and cis-1,2 DCE as the key site constituents is provided in Section 2.2).

The continued investigation activities north of Ingersoll (Phase D and E) provided additional information regarding the geology of the site. The additional information supplements and generally compliments the picture of the site geology as previously depicted in the August 2002 CSM Addendum. In particular, the additional wells helped to define the distribution of the gravel-rich zone. The gravel-rich zone is of interest because it appears to have a strong influence on the distribution of the plume in the Northern Flow Regime.

Data from the earlier investigations indicate that the Whirlpool facility is generally underlain by 25 to 30 feet of alluvium composed of fine-grained clays and silts from the surface that grade to a coarse-textured basal interval. This alluvium immediately overlies the McAlester Shale. Based on the borings completed for the delineation activities, the lithology of the alluvium north of Ingersoll is similar to that observed on-site (for additional information, see Section 4.2 of the CSM). However, the alluvial deposits thin to only 10 to 15 feet toward the north and east.

As illustrated in cross sections (Figures 2-6 and 2-7), the uppermost aquifer is identified as the lower 3 to 5 feet of silty clayey sands and a gravelly basal zone. As shown in Figure 2-8, the gravel-rich basal zone forms a hook-shaped area that extends north from Ingersoll across Jacobs and pinches out south of Brazil and west of Jenny Lind.

As part of the field studies, an initial reconnaissance of Mill Creek was conducted. Gravel deposits were observed in the side banks of Mill Creek that are in a clay-rich low permeability matrix that is different from the gravel zone that extends from the plant. The different character indicates that the gravels in the far eastern part of the study area are in a different terrace formation and likely not hydraulically connected to the more transmissive gravel zone located west of Jenny Lind. Finally, as mentioned in Section 2.1 and 2.2, sampling of wells along Jenny Lind show no detectable levels of TCE, cis-1,2 DCE or any other constituents. All of these factors support the conclusion that the affected groundwater does not impact Mill Creek.

## **2.4** *AQUIFER TESTING AND DATA EVALUATION*

This section of the Addendum addresses item 2b in Table 1-1.

As part of the recent field investigation activities, an aquifer test was conducted to provide data on the transmissivity, hydraulic conductivity, and storativity of the uppermost aquifer at the site. The test was performed on April 4-5, 2006 at a location just north of Ingersoll Avenue (Figure 2-9). The location was selected based on accessibility and proximity to the apparent axis of the ground water plume.

### **2.4.1** *Testing Procedures*

For the purpose of conducting the aquifer test, one 4-inch diameter pumping well (MW-35R) and one 2-inch diameter observation well (MW-65) were installed at the site. MW-65 was installed approximately 15 feet from the pumping well. Both wells extend to a depth of about 32 feet and have 10-foot well screens that span the basal gravel zone. The wells were installed and developed following procedures outlined in the CAS Work Plan Revision, and boring logs and well completion details are included in Appendix A.

The aquifer test procedures were as follows:

- A submersible pump was fitted with disposable tubing and lowered to the approximate middle of the screen in MW-35R;
- Several trial runs were conducted to determine a sustainable production rate. After the well was allowed to fully recover, the test was initiated at a constant pumping rate of approximately 1.7 gallons/minute and continued for 24-hours; and
- Water levels were measured in the pumping well (MW-35R) and in observation wells MW-28, MW-33, MW-34, MW-36, MW-41, and MW-65 using automatic data loggers. Water levels were also measured at MW-16, MW-23, MW-24, and MW-27 periodically using an electronic tape.

## 2.4.2

### *Data Analysis*

The data was analyzed using Theis' non-leaky solution using the software *Infinite Extent, v. 4.0*, by Starpoint Software, Inc., as well as manually using distance-drawdown and time-drawdown calculations. Summary plots and backup for the aquifer test are provided in Appendix B.

Aquifer test results indicate that the hydraulic conductivity of the gravel-rich basal is quite variable. A review of the data collected at the pumping well and the observation well indicates the following:

	<i>Transmissivity (T)</i>	<i>Hydraulic Conductivity (K)</i>	<i>Storativity (S)</i>
Pumping Well MW-35R	4.56e00 to 7.17e00 ft <sup>2</sup> /day 4.24e03 to 6.66e03 cm <sup>2</sup> /day	5.00e-01 to 7.88e-01 ft/day 1.52e01 to 2.40e01 cm/day	9.83e-02
Observation Well MW-65	4.95e02 to 8.40e02 ft <sup>2</sup> /day 4.60e05 to 7.8e05 cm <sup>2</sup> /day	5.44e01 to 9.23e01 ft/day 1.66e03 to 2.81e03 cm/day	7.17e-03 to 9.76e-03

A drawdown map illustrating the maximum observed drawdown in the wells after 24 hours of pumping in MW-35R is presented in Figure 2-9. The tightness and strong oval shape of the cone of depression emphasizes the anisotropic and heterogeneous nature of the aquifer indicated by the variations in the aquifer characteristics calculated for MW-35R and MW-65; the main axis of the cone of depression generally follows the trend of the axis of the ground water plume within the gravelly basal zone.

To date, separate tests to determine the permeability of soils at the site have not been conducted. To the extent that such data are needed to support the selection and/or design of a remedial action, soil permeability testing will be conducted as part Corrective Action planning activities.

## 2.5

### *UPDATE TO THE WATER WELL SEARCH*

This section of the Addendum addresses item 2c in Table 1-1.

A water well search was initially conducted for the facility in February 2001. In May 2006, a new water well search was performed and covered a one-mile radius area around the Whirlpool facility. No federal, state, or public water supply wells were identified within the search distance. The results of the database search are provided in Appendix C.

In addition, during the update of the water well search, the Arkansas USGS office files were manually searched for water well information near the Whirlpool facility. No federal, state or public water supply wells were identified, however, several shallow (<30 ft deep) environmental monitoring wells were identified (Figure 2-10, Appendix D). These environmental monitoring wells are located at least 2,000 feet away from the site, are not affected by the plume, and are not used for drinking water; therefore, they are not a concern for Whirlpool's CAS activities.

This section of the Addendum addresses item 4c in Table 1-1.

As part of Whirlpools' program to assess the site conditions, the USEPA Region VI *Ecological Exclusion Criteria Worksheet* has been completed and is provided in Appendix E. The results of the worksheet indicate that the site meets the exclusion criteria based on Subpart A (for surface water pathways), and Subpart C (for soil pathways).

Reported TCE concentrations in near-surface soil (0.009 to 0.012 ppm) are an order of magnitude below the residential media specific screening value (2.8 ppm) and are beneath concrete and/or road-base gravel. In addition, the affected soil is wholly contained within the facility which is characterized by: pavement, buildings, landscaped area, functioning cap, roadways, equipment storage area, manufacturing or process area, or other surface cover or structure, or otherwise disturbed ground.

Affected ground water in the Northern Flow Regime extends into a residential area north of the site; however, the residential area is characterized by homes and landscaped yards that are not typically attractive as valuable ecological habitat. As discussed in Section 2.2 above, the surface water body that is closest to the Whirlpool facility is Mill Creek, which is about 1500 to 2000 feet from the site. The results of the delineation activities show that the downgradient limit of the plume is at least 1000 feet from Mill Creek and the gravelly basal zone where the core of the plume is observed is not connected to the creek.

Based on absence of exposure pathways, no further ecological evaluations are warranted at the site.

**CORRESPONDENCE WITH LOCAL GOVERNMENT AND THE COMMUNITY**

All correspondence with local government agencies requested in the ADEQ June 22, 2006 e-mail are included in Appendix F. The community question and answer sheet and the letter to residents requested from the afore-mentioned email are attached as Appendix G.

### **3.0 PATH FORWARD**

#### **3.1 SUMMARY OF ADDITIONAL TASKS**

This section addresses items 1 through 4 in ADEQ's June 2006 NOD letter as listed in Table 1-1.

Following approval of the CAS Work Plan as modified by this Addendum, Whirlpool intends to proceed with risk evaluation and risk management planning activities as described in the LOA and illustrated on Figure 1-2. Whirlpool also intends to continue ground water sampling and water level monitoring activities. The fall sampling event will include the use of Level IV QA laboratory reporting packages to support data validation and confirmation of the plume extent on an annual basis. Based on the completed delineation activities, Whirlpool has addressed all known data gaps. Should additional data be needed to complete risk assessment activities and feasibility studies, these data will be collected in accordance with the Revised CAS Work Plan and this Addendum.

In general, Whirlpool's overall management plan for the Fort Smith site is to address the environmental conditions using a risk-based and "holistic" site-wide remediation approach.

Accordingly, Whirlpool is committed to controlling potential exposures that could present unacceptable risks to human health and the environment.

As Whirlpool proceeds with the next steps of the CAS program (the risk evaluation and risk management planning), the need for remediation of the source area and the ground water plume (both in the Northern Flow Regime and Southern Flow Regime) will be assessed. If the technical evaluation of exposure pathways and risks indicates that corrective measures are required for both Northern and Southern Flow Regimes, both will be addressed in the risk management plan.

In future submittals subject to the LOA, as in this submittal, references to on- and off-site data and systems will be limited. The boundary between the Northern and Southern Flow Regime plumes is not coincident with the property boundary.

#### **3.2 REVISED SCHEDULE**

The revised schedule for upcoming CAS milestones is included as Table 3-1.

## **Tables**

*August 30, 2006*  
*Project No. 0014507*

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TABLE 1-1

## ADEQ NODs and Comments to Whirlpool

Whirlpool Corporation  
Fort Smith, Arkansas

	ADEQ NOD or Comment Request	Whirlpool Activities	Additional Information
	<b>ADEQ's June 22, 2006 E-mail</b>		
1.	Provide all correspondence with local government agencies		All correspondence with local government agencies are in Appendix F.
2.	Provide communication plan including community Q&A sheet and letter to residents		Community Q&A Sheet and letter to residents are in Appendix G.
	<b>ADEQ's June 20, 2006 NOD Letter</b>		
1.	Provide reference to statement in LOA that specifies on-site and off-site "systems".		Discussions regarding on-site and off-site plans and applicability of the LOA are included in Section 3.1.
2.	Provide reply to request to remediate on-site and off-site.		
3.	Change wording - "Approved CAS Work Plan" in 6/1/05 letter from Troy Meinen.		
4.	Address remaining items in ADEQ's June 2005 letter.		
	<b>Remaining Items in ADEQ's June 16, 2005 NOD Letter</b>		
1b.	Evaluation of possible surface water impact - ie. sampling of Mill Creek.	Completed delineation activities. Verified plume does not cross Jenny Lind.	Plume delineation status is described in Section 2.1 and Section 2.2.
1e.	Offsite delineation of COCs north of site.	Completed delineation activities.	Plume delineation status is described in Section 2.1 and Section 2.2.
1f.	Update of site maps and x-sections showing extent of COCs in soil and ground water.	Updated maps and cross-sections depicting extent of contamination in soil and ground water.	Plume delineation status is described in Section 2.2. Cross-sections are presented in Section 2.3.
1g.	Updated evaluation of the extent of the gravel unit.	Installed additional borings and prepared gravel extent map.	Revised gravel extent map. Included in Section 2.3.

TABLE 1-1 (Cont'd)

## ADEQ NODs and Comments to Whirlpool

Whirlpool Corporation  
Fort Smith, Arkansas

	ADEQ NOD or Comment Request	Whirlpool Activities	Additional Information
2b.	Aquifer and soil permeability testing.	Completed aquifer test (April 06).	Preliminary results of aquifer test and aquifer test evaluation plan. Soil permeability testing will be conducted as part of Corrective Action planning. Included in Section 2.4 and in Appendix B.
2c.	Update of water well search	Completed update of water well search	Included in Section 2.5 and in Appendix C and Appendix D.
4b.	Revise data table to include constituents analyzed in soil and ground water.	Revised data table to include constituents analyzed in soil and ground water.	Included in Section 2.2 and in Appendix H.
4c.	All historic lab results and/or lab verification data.	Discuss with ADEQ.	Data tables and access database showing all site data are included in Section 2.2 and Appendix H.
5c.	Revise cross-sections to include potentiometric surface.	Revised cross-sections to include potentiometric surface.	See 1f.
6a.	Ecological Exclusion Worksheet and, if necessary, Ecological Assessment Worksheet.	Completed Ecological Exclusion Worksheet.	Included in Section 2.6 and in Appendix E.



TABLE 3-1

## Corrective Action Strategy (CAS) Schedule

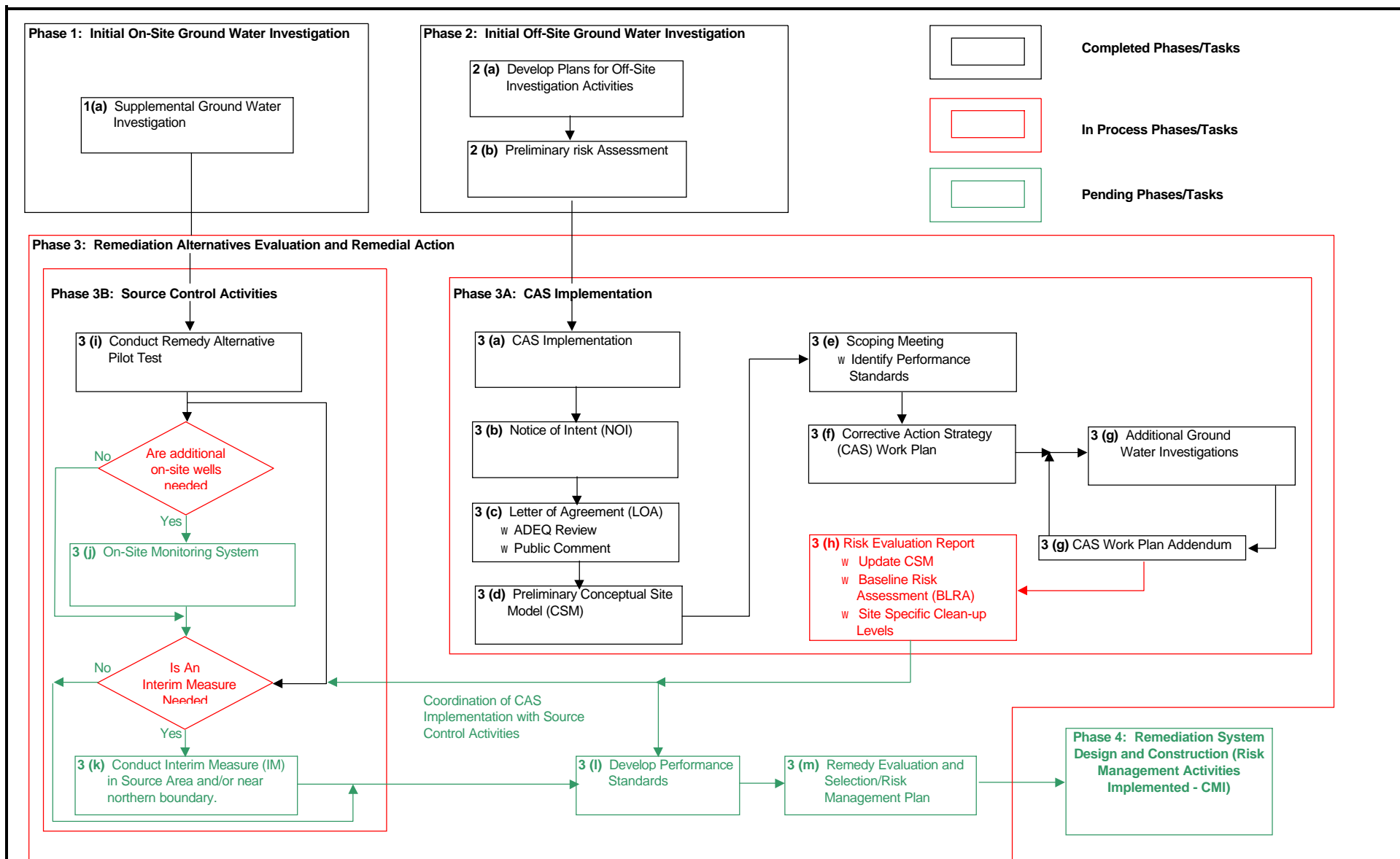
Whirlpool Corporation  
Fort Smith, Arkansas

<b>Action Item Description</b>	<b>Forecasted Completion Date</b>	<b>Actual Completion Date</b>	<b>Status</b>
<b>Corrective Action Strategy Process</b>			
Submit NOI		August 2001	Completed
Letter of Agreement		June 2002	Completed
Conceptual Site Model		June 2002	Completed
Scoping Meeting		August 2002	Completed
Off-site Delineation Activities (Wells between Ingersoll and Jacobs)		July 2003 - April 2006	Completed
Submit Revised CAS Work Plan Addendum		August 2006	Completed
Submit Risk Evaluation Report	4th QTR 2006		
Prepare Draft of Risk Management Plan for ADEQ Review	2nd QTR 2007		
Conference Call with ADEQ to Review Risk Management Plan	2nd QTR 2007		
Submit Final Risk Management Plan to ADEQ	4th QTR 2007		

## **Figures**

*August 30, 2006*  
*Project No. 0014507*

**Environmental Resources Management**  
15810 Park Ten Place, Suite 300  
Houston, Texas 77084-5140  
(281) 600-1000



# Ground Water Management Program

Whirlpool Corporation, Fort Smith Arkansas

ERM-Southwest, Inc.

HOUSTON-NEW ORLEANS-AUSTIN-DALLAS-BEAUMONT-BATON ROUGE

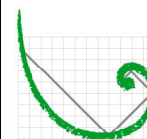
FIGURE 1-1

Ground Water Management Program Flow Chart

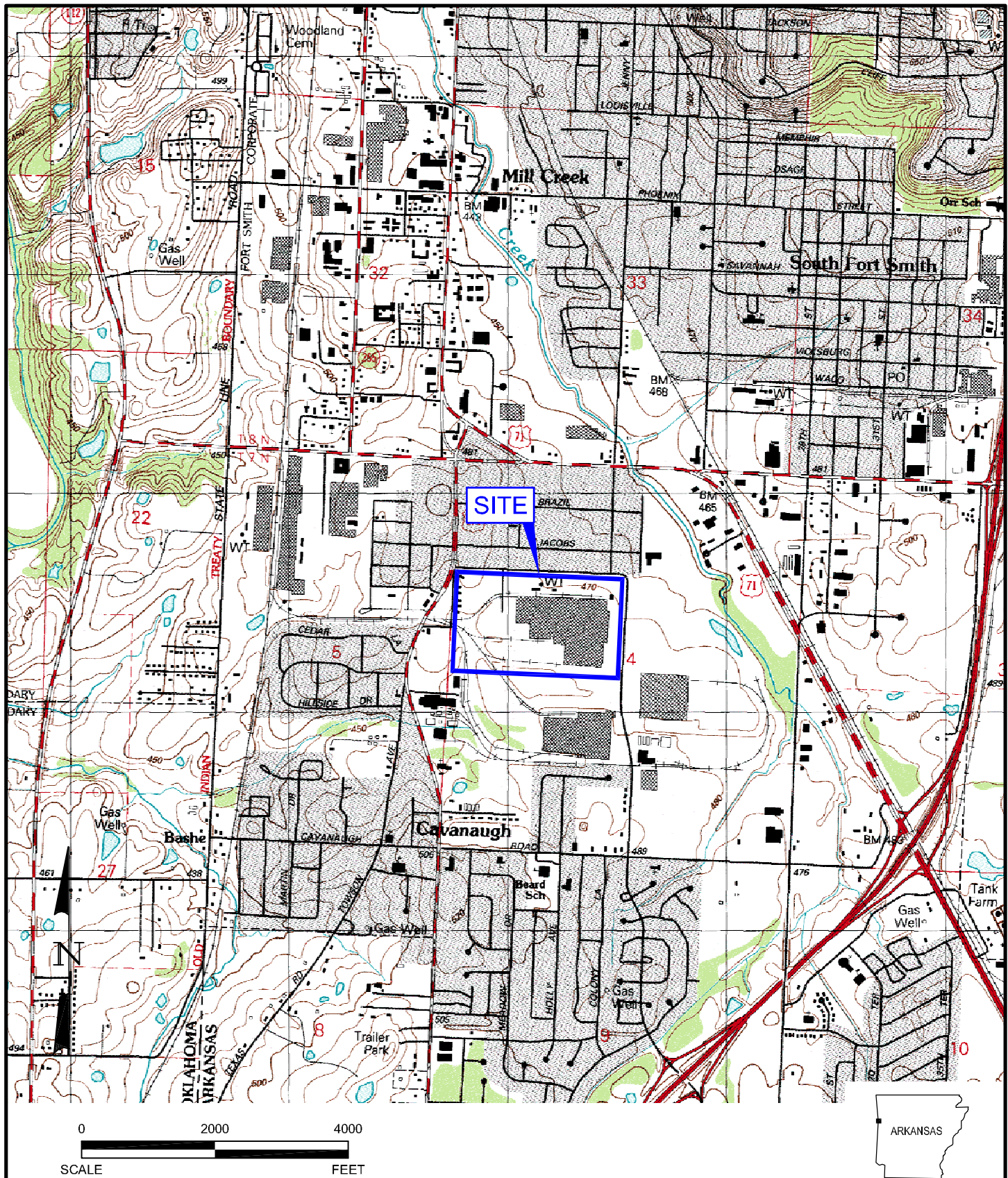
Whirlpool Corporation

Fort Smith, Arkansas

DESIGN: TWM	CHKD:	DATE: 10/31/03	REV:
DRAWN: TWM	SCALE: AS SHOWN	W/ O NO. 000000	



ERM



**ERM-Southwest, Inc.**  
HOUSTON · NEW ORLEANS · ALSTIN · MOBILE · BEAUMONT · BATON ROUGE · CORPUS CHRISTI

FIGURE 1-2  
SITE LOCATION MAP  
Whirlpool Corporation  
Fort Smith, Arkansas



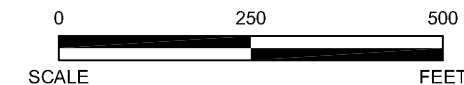
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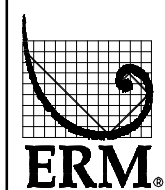
LEGEND

EXISTING MONITORING WELL



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FIGURE 2-1  
WELL LOCATION MAP  
Whirlpool Corporation  
Fort Smith, Arkansas



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LEGEND

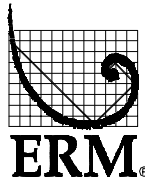
- 464.00 POTENTIOMETRIC SURFACE CONTOUR (FT., MSL) (CONTOUR INTERVAL = 0.25 FT.) (DASHED WHERE INFERRED)
- ITMW-2 GROUND WATER SAMPLING LOCATION
- DIRECTION OF GROUND WATER FLOW

NOTES:  
1. DUE TO ANOMALOUS READING, MW-39 WAS NOT USED TO CONTOUR THIS MAP.

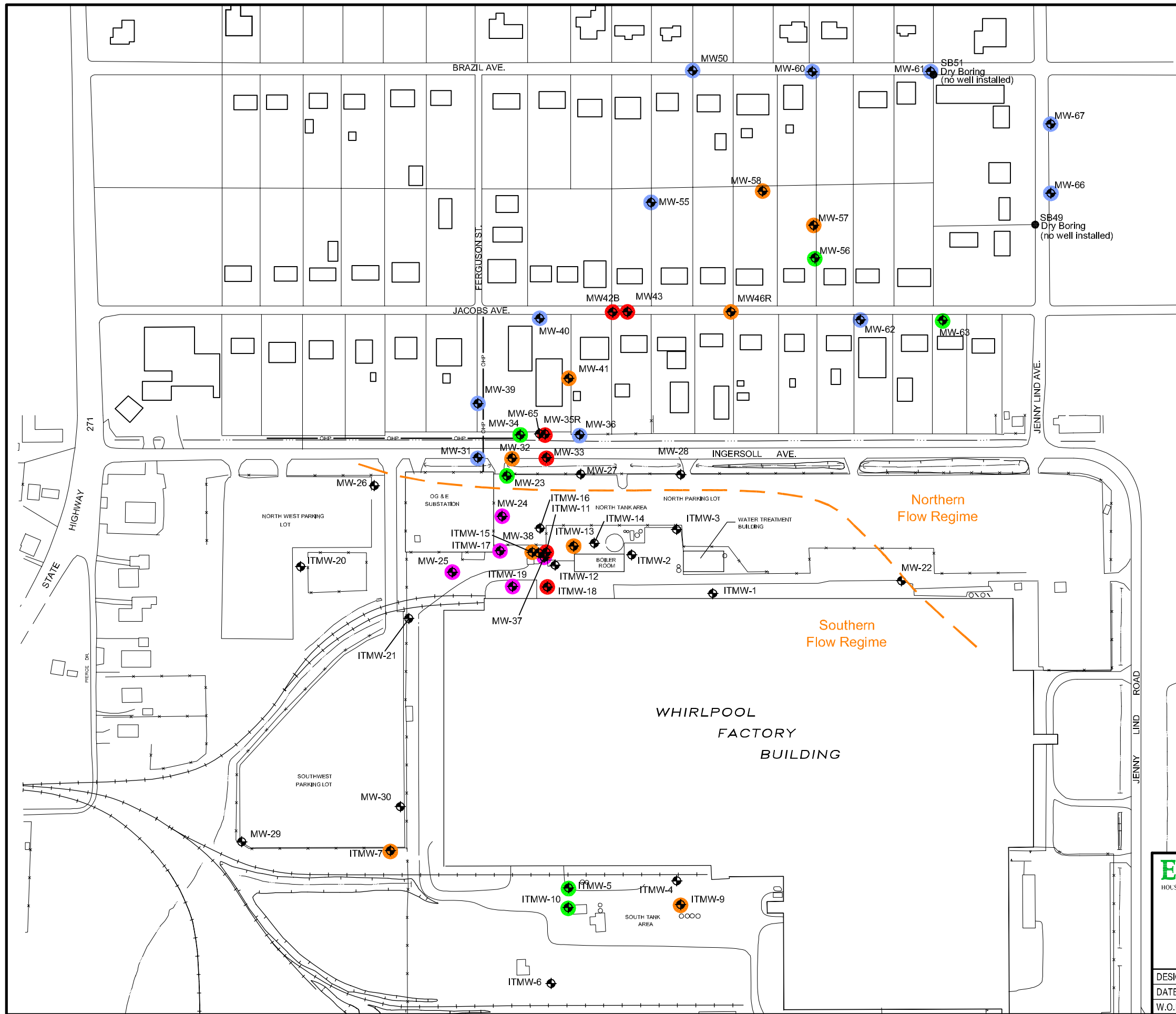


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FIGURE 2-2  
POTENTIOMETRIC SURFACE MAP  
MARCH 2006  
Whirlpool Corporation  
Fort Smith, Arkansas



DESIGN: DCB	DRAWN: CAK/RLM	CHKD.: TWM
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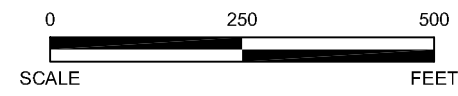


LEGEND

EXISTING MONITORING WELL

TCE CONCENTRATION (mg/l)  
MARCH/APRIL 2006

- < 0.005
- 0.005 to 0.10
- 0.10 to 1.00
- 1.00 to 10.0
- > 10.0



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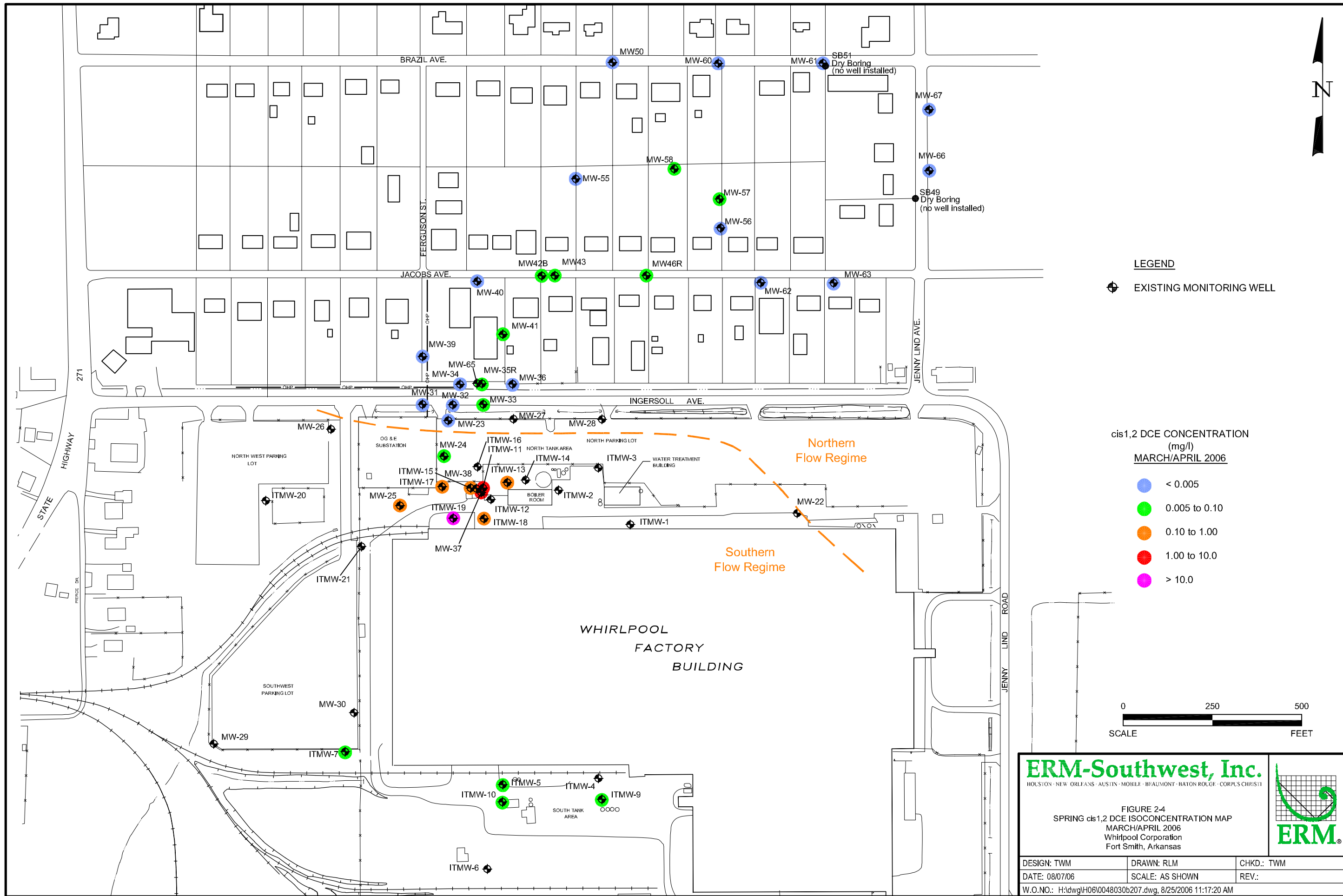
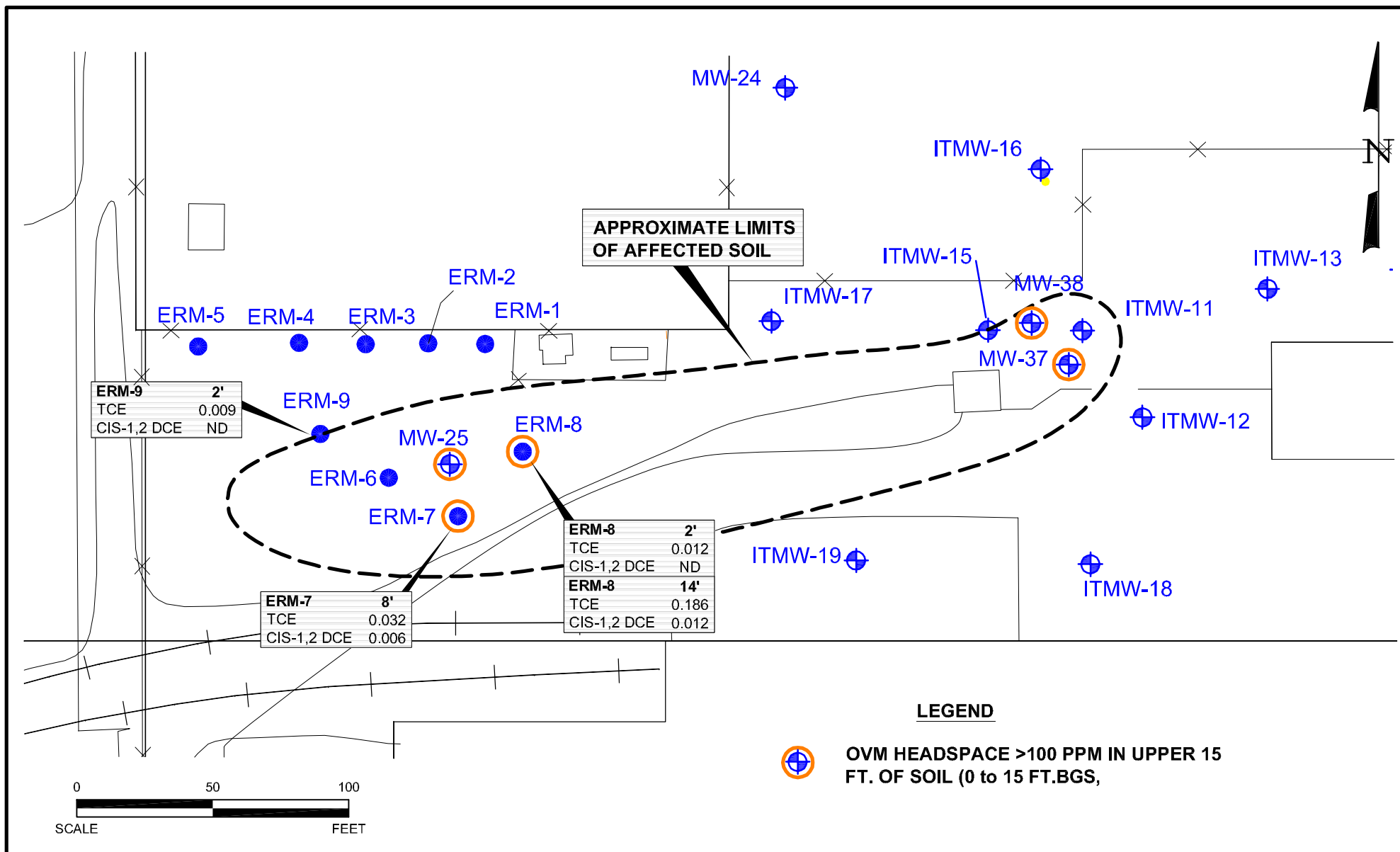


FIGURE 2-3  
SPRING TCE ISOCONCENTRATION MAP  
MARCH/APRIL 2006  
Whirlpool Corporation  
Fort Smith, Arkansas

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DATE: 08/07/06	SCALE: AS SHOWN	REV.:
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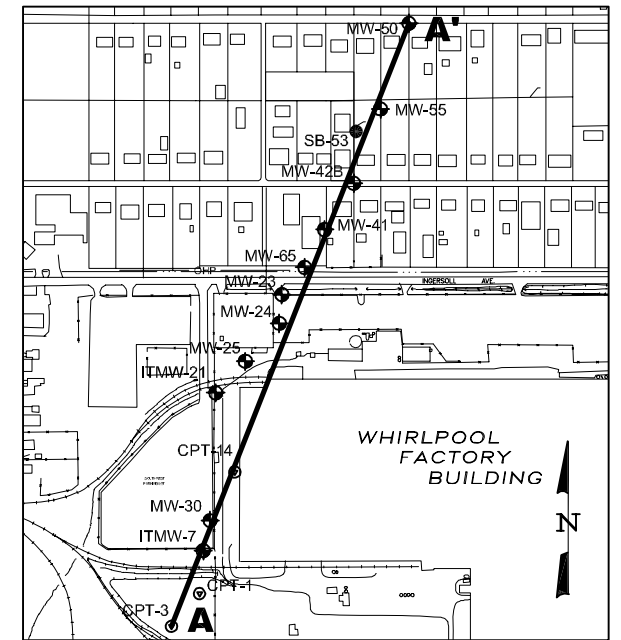
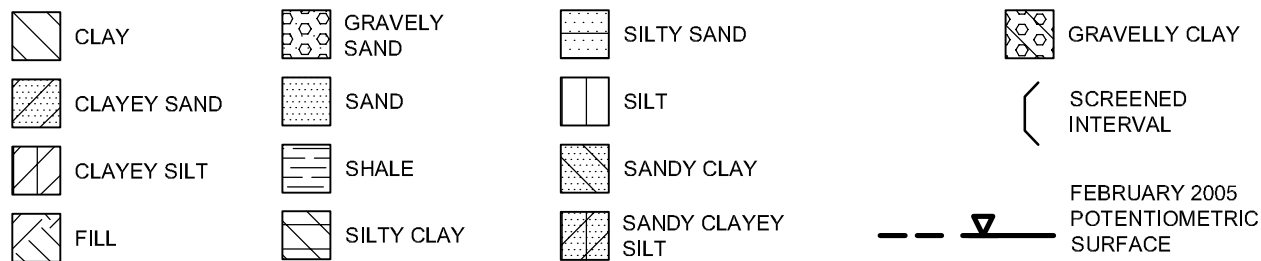
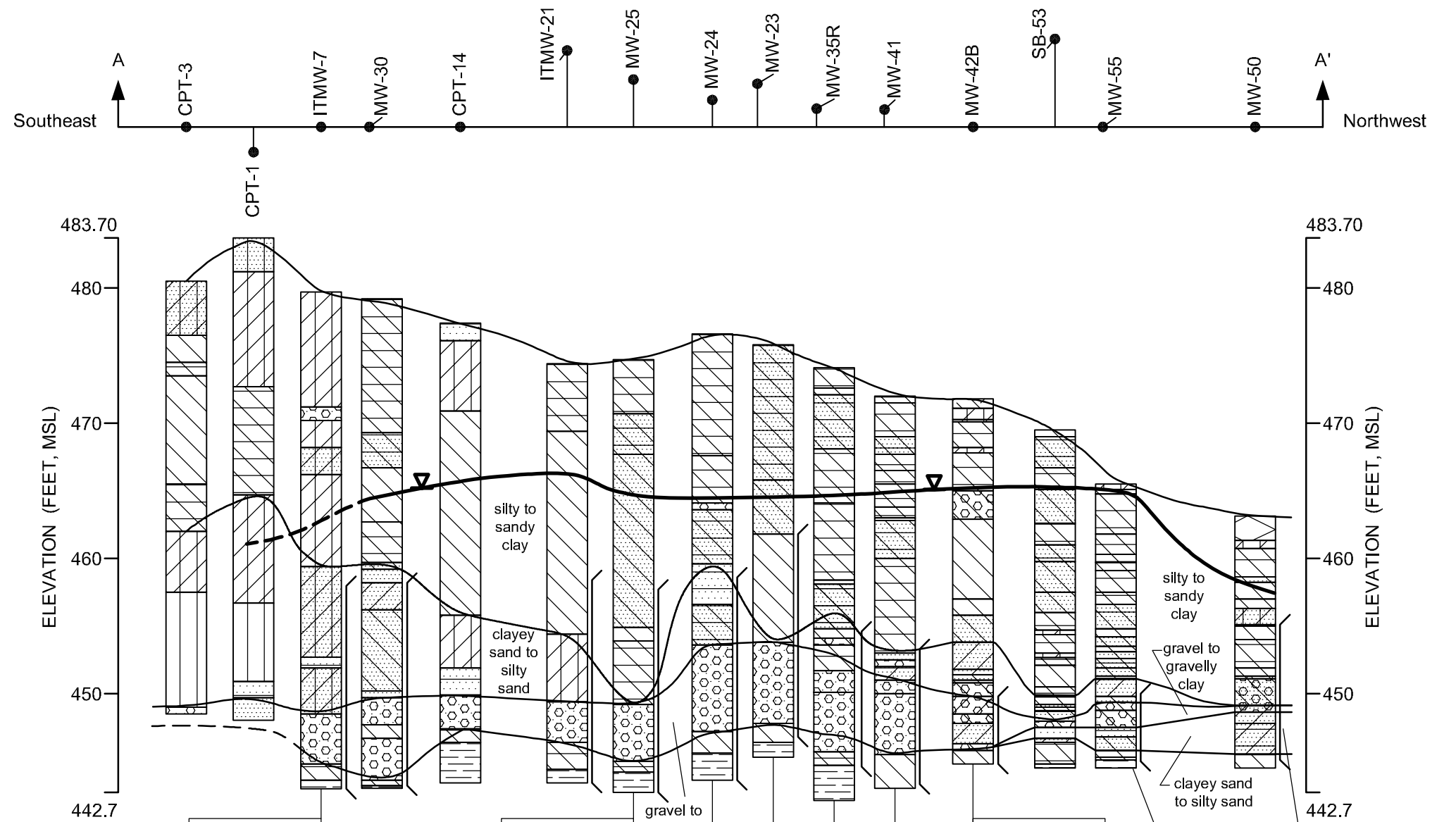
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FIGURE 2-5  
APPROXIMATE EXTENT OF AFFECTED SOIL  
Whirlpool Corporation  
Fort Smith, Arkansas





CROSS-SECTION LOCATION MAP  
SCALE: 1" = 700'

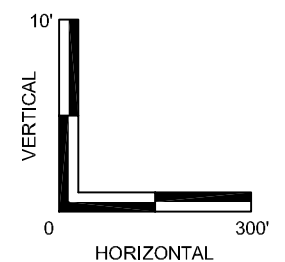
**NOTES**

ALL DATA ARE mg/L IN MARCH/APRIL 2006

cis-1,2-DCE = cis-1,2-DICHLOROETHENE

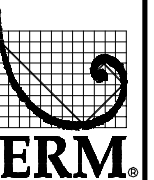
TCE = TRICHLOROETHENE

EXCEEDS EPA REGION 6 HUMAN HEALTH MEDIUM SPECIFIC SCREEN LEVEL FOR TAPWATER

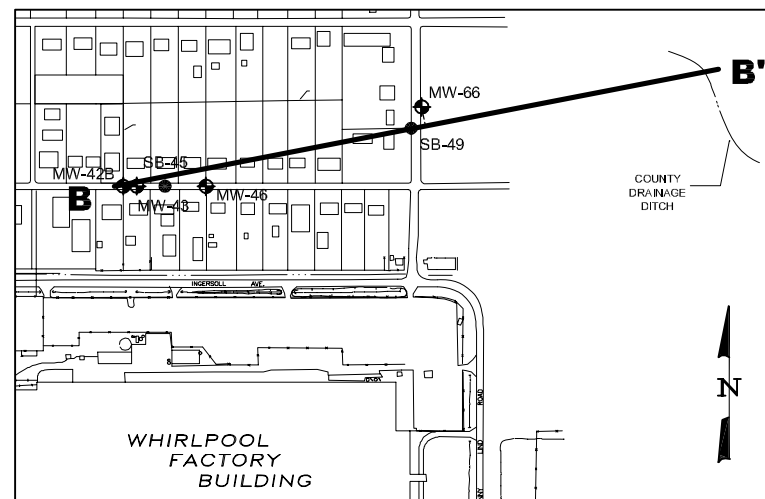
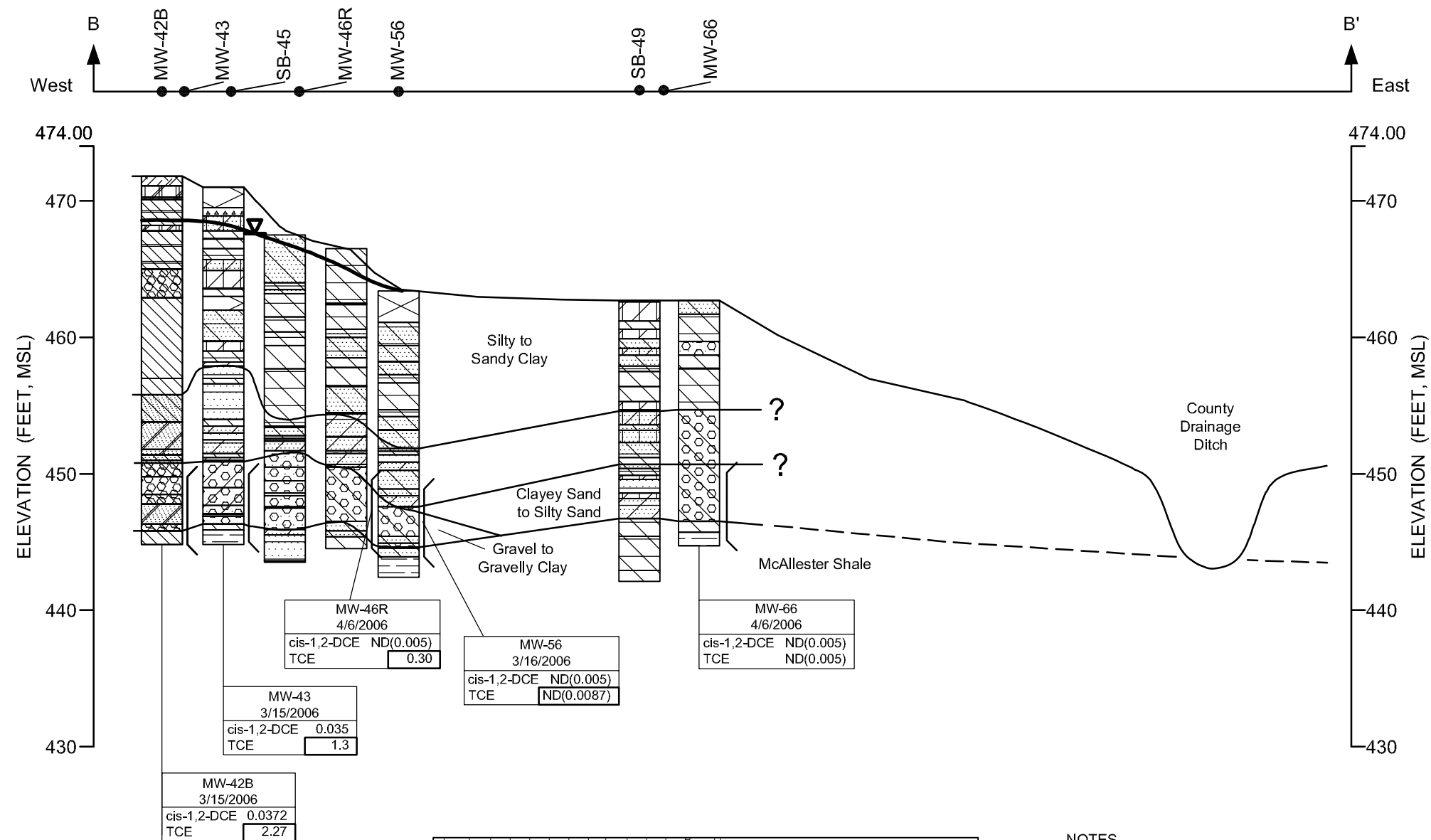


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FIGURE 2-6  
CROSS-SECTION A-A'  
Whirlpool Corporation  
Fort Smith, Arkansas



DESIGN: TWM	DRAWN: EFC	CHKD.: TWM
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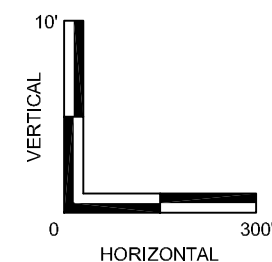
#### NOTES

ALL DATA ARE mg/L IN MARCH/APRIL 2006

cis-1,2-DCE = cis-1,2-DICHLOROETHENE

TCE = TRICHLOROETHENE

EXCEEDS EPA REGION 6 HUMAN HEALTH MEDIUM  
SPECIFIC SCREEN LEVEL FOR TAPWATER

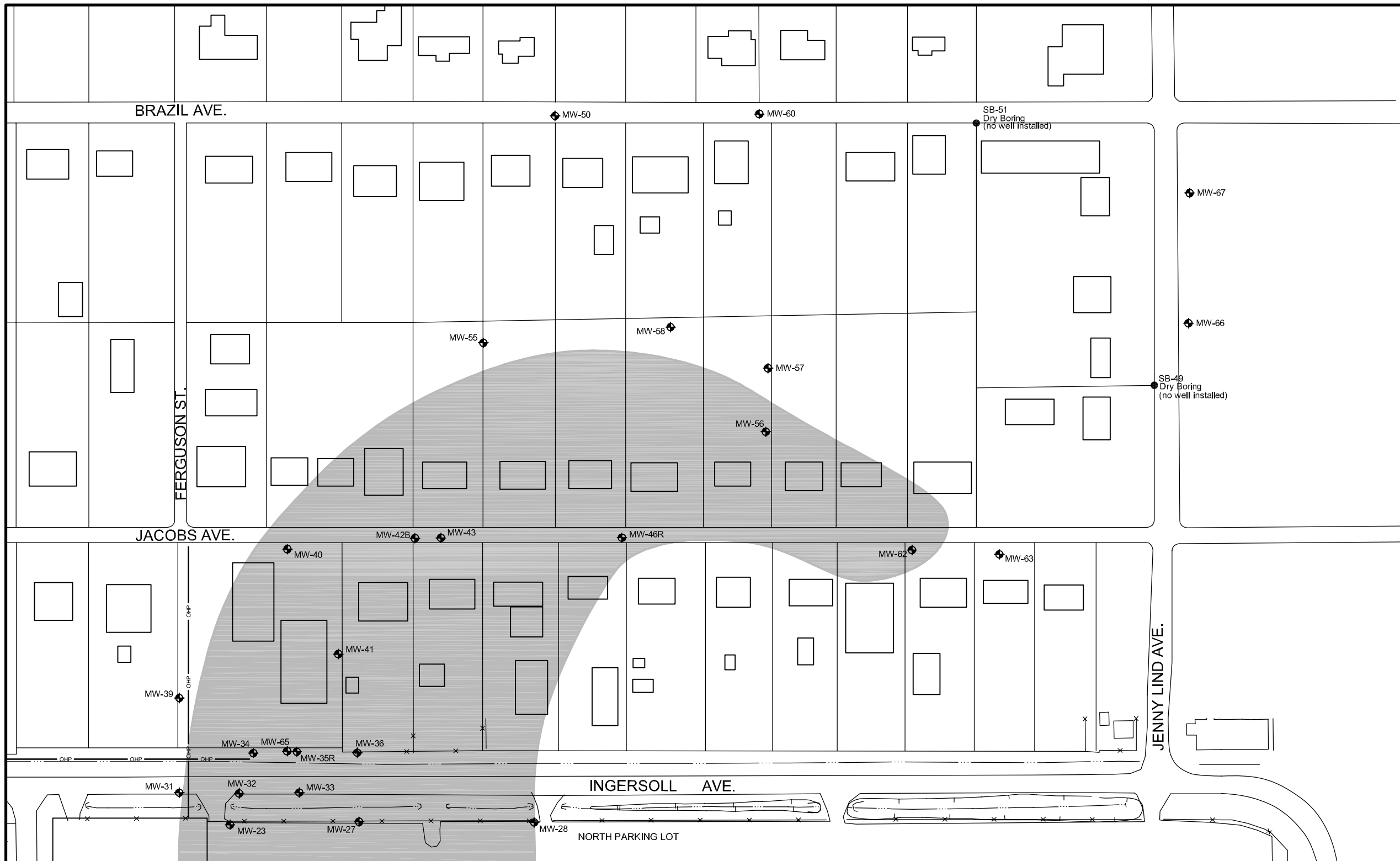


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FIGURE 2-7  
CROSS-SECTION B-B'  
Whirlpool Corporation  
Fort Smith, Arkansas



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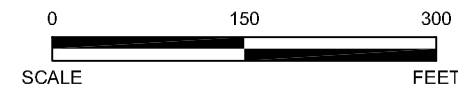
**LEGEND**



EXISTING MONITORING WELL



APPROXIMATE AREA OF GRAVEL ZONE  
(MINIMUM THICKNESS OF 1 FOOT)

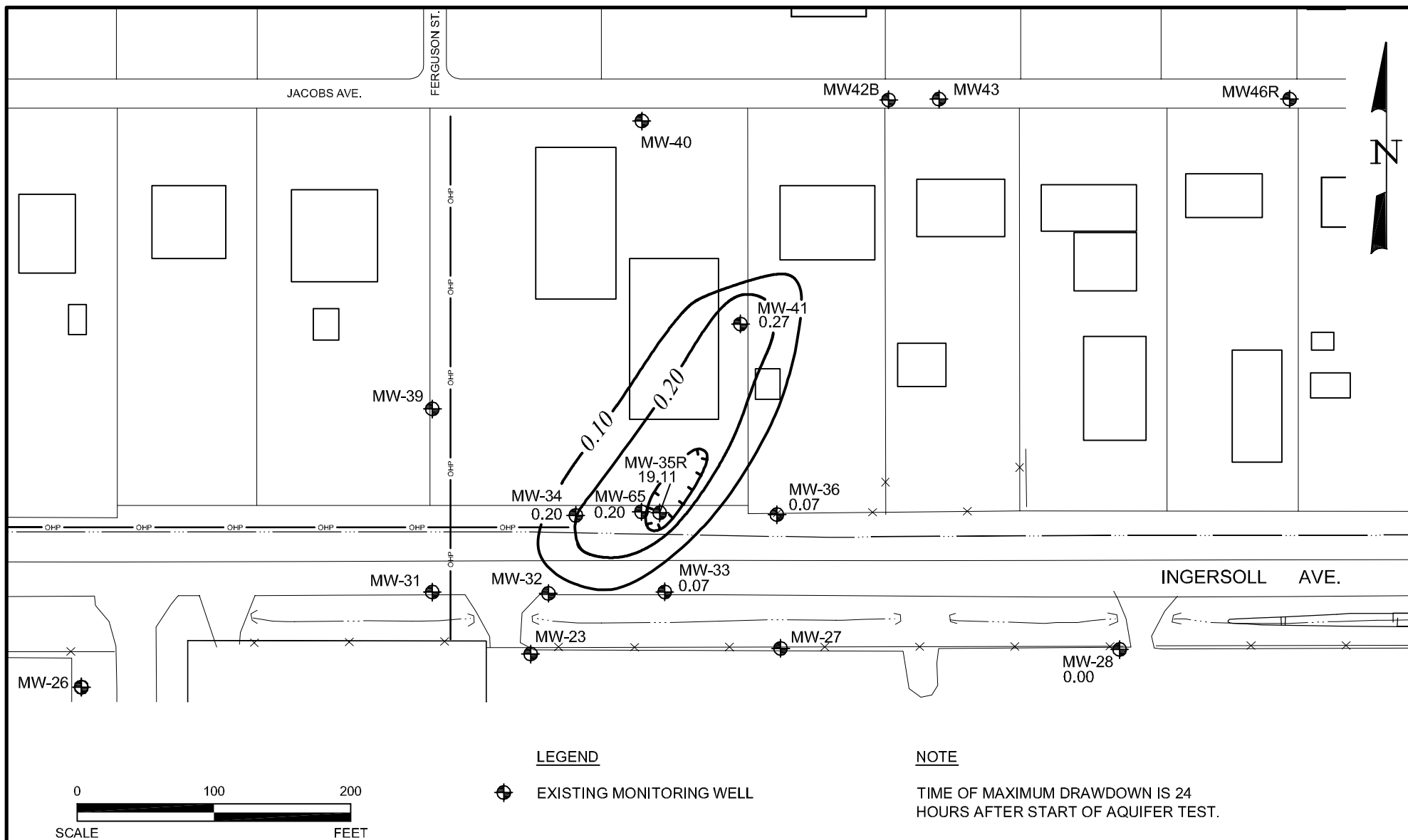


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FIGURE 2-8  
DISTRIBUTION OF GRAVEL ZONE  
Whirlpool Corporation  
Fort Smith, Arkansas

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**ERM-Southwest, Inc.**

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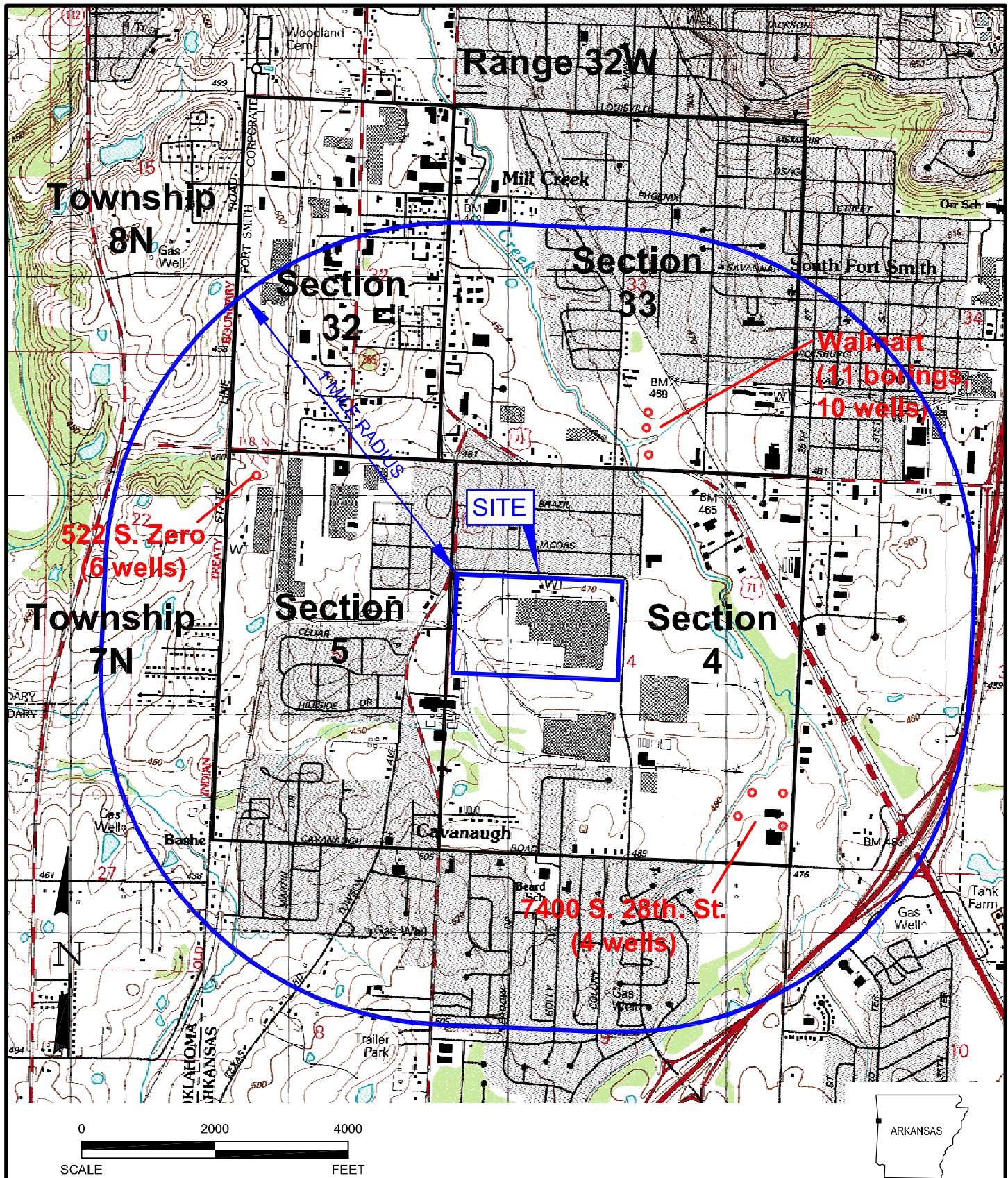
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**FIGURE 2-9**  
**PRESSURE-CONNECTED DRAWDOWN MAP**  
 APRIL 2006  
 Whirlpool Corporation  
 Fort Smith, Arkansas







SOURCE: U.S.G.S. 7.5' QUADRANGLE, SOUTH FORT SMITH, ARK.-OKLA., (o35094C4) 1987.

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DESIGN: DCB	DRAWN: EFC	CHKD: TWM
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W.O.NO.: H:\dwg\H06\0048030\_Site\_Loc.dwg, 8/25/2006 10:59:54 AM

**FIGURE 2-10**  
**WELL SURVEY SUMMARY MAP**  
 Whirlpool Corporation  
 Fort Smith, Arkansas



**Boring Logs**  
*Appendix A*

*August 30, 2006*  
*Project No. 0014507*

**Environmental Resources Management**  
15810 Park Ten Place, Suite 300  
Houston, Texas 77084-5140  
(281) 600-1000



# SB-53 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID SB-53 Date Drilled 11/17/2004  
 Project WP Offsite Delineation Owner Whirlpool  
 Location Ft. Smith, AR Boring T.D. 25' Boring Diam. 3"  
 N. Coord. 9902.2 E. Coord. 8015.1 Surface Elevation 469.5' Ft. MSL Datum  
 Screen: Type none Diam. 0" Length 0' Slot Size 0"  
 Casing: Type none Diam. 0" Length 0' Sump Length 0'  
 Top of Casing Elevation 0' Stickup 0'  
 Depth to Water: 1. Ft. \_\_\_\_\_ ( \_\_\_\_\_ ) 2. Ft. \_\_\_\_\_ ( \_\_\_\_\_ )  
 Drilling Company CCI Driller Donna R. Lewis  
 Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
0	0				0	0-4	0-0.5 0.5-2.8	SILTY CLAY: reddish medium brown, moist, loose, occasional root hairs, 100% recovery, no detectable odor. SILTY SANDY CLAY: orangish light brown with medium brown mottlings, moist, slightly plastic, very soft, occasional iron nodules (~2 mm - 1 cm), 43% recovery, no detectable odor.
-2	2				0	2.8-4.4	2.8-4.4	SILTY CLAY: orange with red mottlings, moist, slightly plastic, soft, abundant iron nodules (~2 mm - 1 cm), 100% recovery, no detectable odor.
-4	4				0	4-8	4.4-6.9	SANDY CLAY: orange with red mottlings, damp, plastic, stiff, abundant iron nodules (2-4 mm), abundant clay nodules (light brown, damp, plastic, stiff, ~1-3 cm), 100% recovery, no detectable odor.
-6	6				0	6.9-8.5	6.9-8.5	SILTY CLAY: orange with light grey mottling, damp, plastic, very stiff, occasional silt veins (orange and black), 100% recovery, no detectable odor.
-8	8				0	8-12	8.5-9.75	SANDY SILTY CLAY: light grey with orange mottling, damp, plastic, stiff, occasional very fine sand veins (light grey, orange, and black), 100% recovery, no detectable odor.
-10	10				0	9.75-12	9.75-12	SANDY CLAY: orange with light brown to light grey mottling, damp, plastic, stiff, abundant silt and very fine sand veins (light brown, orange, and black), 100% recovery, no detectable odor.





# SB-53 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID SB-53 Date Drilled 11/17/2004  
Project WP Offsite Delineation Owner Whirlpool  
Location Ft. Smith, AR Boring T.D. 25' Boring Diam. 3"  
N. Coord. 9902.2 E. Coord. 8015.1 Surface Elevation 469.5' Ft. MSL Datum  
Screen: Type none Diam. 0" Length 0' Slot Size 0"  
Casing: Type none Diam. 0" Length 0' Sump Length 0'  
Top of Casing Elevation 0' Stickup 0'  
Depth to Water: 1. Ft.            (            ) 2. Ft.            (            )  
Drilling Company CCI Driller Donna R. Lewis  
Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-10	10							
-12	12				0	12-16	12-13.5	SANDY CLAY: orange, moist, plastic, soft, occasional silt to very fine sands veins (light brown and black) ,100% recovery, no detectable odor.
-14	14				0		13.5-14.82	SILTY CLAY: mottled orange and light greyish brown, moist, plastic, stiff, occasional very fine sand veins (black to light greyish brown) at 13.5-13.8 ft and 14.4-14.8 ft., 100% recovery, no detectable odor.
					0		14.82-15.15	CLAYEY SILT: reddish dark brown,moist, loose, 100% recovery, no detectable odor.
					0		15.15-16.5	SILTY CLAY: orange with reddish medium brown and light brown mottling, moist, plastic, soft, occasional very fine sand veins (black and light brown), 100% recovery, no detectable odor.
-16	16				0	16-19	16.5-16.85	CLAYEY SILT: reddish dark brown, moist, loose, 100% recovery, no detectable odor.
					0		16.85-17.4	SILTY CLAY: mottled orange and light greyish brown, moist, plastic, stiff, occasional silt veins (light brown and rarely black), 100% recovery, no detectable odor.
					0		17.4-19	CLAY: orange, light greyish brown mottling, moist, plastic, stiff, abundant silt and very fine sands veins (black, light brown, and orange), 100% recovery, no detectable odor.
-18	18				0		19-19.65	SILTY CLAY: mottled orange and light greyish brown, moist, plastic, soft,occasional silt veins (light brown and orange), 100% recovery, no detectable odor.
					0	19-22	19.65-19.75	SILTY CLAY: reddish dark brown, moist, slightly plastic, soft, abundant silt and very fine sand veins (black), 100% recovery, no detectable odor.
-20	20				0		19.75-20.3	SILTY CLAY: mottled orange and light greyish brown, moist, plastic, soft, occasional silt veins (light brown and orange), 100% recovery, no detectable odor.



# SB-53 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID SB-53 Date Drilled 11/17/2004  
 Project WP Offsite Delineation Owner Whirlpool  
 Location Ft. Smith, AR Boring T.D. 25' Boring Diam. 3"  
 N. Coord. 9902.2 E. Coord. 8015.1 Surface Elevation 469.5' Ft. MSL Datum  
 Screen: Type none Diam. 0" Length 0' Slot Size 0"  
 Casing: Type none Diam. 0" Length 0' Sump Length 0'  
 Top of Casing Elevation 0' Stickup 0'  
 Depth to Water: 1. Ft.            (            ) 2. Ft.            (            )  
 Drilling Company CCI Driller Donna R. Lewis  
 Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-20	20				0		20.3-20.5	SANDY CLAY: mottled orange and light grey, moist, slightly plastic, stiff, 100% recovery, no detectable odor.
					0		20.5-20.8	
					0		20.8-21.55	SILTY CLAY: mottled orange and light greyish brown, moist, plastic, soft, occasional silt veins (light brown and orange), 100% recovery, no detectable odor.
					0		21.55-22	
-22	22				0	22-25	22-22.8	SANDY CLAY: orange with light grey mottling, moist, very slightly plastic, stiff, occasional iron nodules (~2-4 mm), occasional quartzite gravels, 100% recovery, no detectable odor.
					0		22.8-23.1	GRAVELLY CLAY: orange, moist, very slightly plastic, stiff, abundant iron nodules (~2-4 mm), numerous quartzite gravels (1-2 cm), 100% recovery, no detectable odor.
					0		23.1-24.7	SILTY SAND: brownish orange, saturated, flowing, occasional quartzite gravels (~2 mm - 1.5 cm), 100% recovery, no detectable odor.
-24	24				0			CLAYEY SAND: dark brown with orange mottling, wet, loose, occasional quartzite gravels (~1-2.5 cm), 100% recovery, no detectable odor.
					0		24.7-25	SILTY CLAY: mottled orange, medium brownish grey, and reddish orange, moist, plastic, hard, occasional silt veins (black, orange, medium brownish grey, reddish orange), 100% recovery, no detectable odor.
					0			SHALE: dark grey with occasional orange mottlings, damp, crumbly, hard, fissile, 100% recovery, no detectable odor.
-26	26							T.D. = 25'
-28	28							
-30	30							



# SB-54 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID SB-54 Date Drilled 11/17/2004

Project WP Offsite Delineation Owner Whirlpool

Location Ft. Smith, AR Boring T.D. 25' Boring Diam. 3"

N. Coord. 9835.7 E. Coord. 8102.4 Surface Elevation 467.4' Ft. MSL Datum

Screen: Type none Diam. 0" Length 0' Slot Size 0"

Casing: Type none Diam. 0" Length 0' Sump Length 0'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft. ( ) 2. Ft. ( )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
0	0				0	0-4	0-0.3 0.3-2.1	SANDY SILT: dark brown, wet, loose, abundant root hairs and vegetative material, 100% recovery, no detectable odor. SANDY CLAY: brownish orange, saturated, very slightly plastic, very soft, 44% recovery, no detectable odor.
-2	2				0		2.1-3.4	SANDY CLAY: brownish orange, wet, plastic, very soft, occasional iron nodules (~2 mm), 46% recovery, no detectable odor.
					0		3.4-4	SILTY CLAY: mottled orange and light brown, moist, plastic, stiff occasional iron nodules (~2 mm), 100% recovery, no detectable odor.
-4	4				0	4-8	4-4.85	SANDY CLAY: orange with greyish brown mottling, damp, plastic, soft, occasional silt veins (light brown and black), 100% recovery, no detectable odor.
					0		4.85-7.3	SANDY CLAY: mottled orange, light brown, medium greyish brown, damp, plastic, stiff, abundant iron nodules (~2-4 mm), occasional clay nodules (light brown to medium greyish brown), 100% recovery, no detectable odor.
-6	6				0		7.3-9.5	SILTY SANDY CLAY: mottled orange and light brown, damp, plastic, stiff, occasional very fine sand veins (orange and black), occasional iron nodules (~2 mm), 100% recovery, no detectable odor.
-8	8				0	8-12		
-10	10				0		9.5-10.7	SANDY CLAY: mottled orange and light grey, moist, plastic, stiff, occasional silt veins (light brown and orange), 100% recovery, no detectable odor.



# SB-54 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID SB-54 Date Drilled 11/17/2004  
 Project WP Offsite Delineation Owner Whirlpool  
 Location Ft. Smith, AR Boring T.D. 25' Boring Diam. 3"  
 N. Coord. 9835.7 E. Coord. 8102.4 Surface Elevation 467.4' Ft. MSL Datum  
 Screen: Type none Diam. 0" Length 0' Slot Size 0"  
 Casing: Type none Diam. 0" Length 0' Sump Length 0'  
 Top of Casing Elevation 0' Stickup 0'  
 Depth to Water: 1. Ft.            (            ) 2. Ft.            (            )  
 Drilling Company CCI Driller Donna R. Lewis  
 Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-10	10				0		10.7-13.45	SILTY CLAY: mottled orange and light grey, moist, plastic, stiff, occasional silt veins (orange, light brown and rarely black), 100% recovery, no detectable odor.
-12	12					12-15		
					0		13.45-14.35	SILTY CLAY: mottled orange and light grey, moist, plastic, stiff, abundant silt veins (orange, light brown and black), 100% recovery, no detectable odor.
-14	14				0		14.35-15.1	SILTY CLAY: light grey with occasional orange mottling, damp, plastic, hard, occasional silt veins (light brown and black), 100% recovery, no detectable odor.
					0	15-18	15.1-16	SILTY SANDY CLAY: light grey with orange mottling, damp, plastic, hard, abundant silt veins (light brown and rarely black), 100% recovery, no detectable odor.
-16	16				0		16-16.85	SANDY CLAY: orange, wet, slightly plastic, hard, 100% recovery, no detectable odor.
					0		16.85-17.2	SILTY SAND: orange, wet, loose, 100% recovery, no detectable odor.
					0		17.2-17.4	SANDY CLAY: light grey with orange mottling, moist, plastic, stiff, 100% recovery, no detectable odor.
					0		17.4-18	SILTY SAND: mottled orange and light brown, saturated, loose, 100% recovery, no detectable odor.
-18	18				0	18-21	18-18.2	SANDY CLAY: mottled orange and grey, moist, plastic, hard, 100% recovery, no detectable odor.
					0		18.2-20	SANDY CLAY: mottled orange and grey, moist, plastic, hard, 100% recovery, no detectable odor.
								SILTY SAND: orangish brown, saturated, loose, 50% recovery, no detectable odor.
-20	20							



# SB-54 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID SB-54 Date Drilled 11/17/2004

Project WP Offsite Delineation Owner Whirlpool

Location Ft. Smith, AR Boring T.D. 25' Boring Diam. 3"

N. Coord. 9835.7 E. Coord. 8102.4 Surface Elevation 467.4' Ft. MSL Datum

Screen: Type none Diam. 0" Length 0' Slot Size 0"

Casing: Type none Diam. 0" Length 0' Sump Length 0'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft.            (            ) 2. Ft.            (            )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-20	20				0	21-25	20-20.6	SANDY CLAY: orange with light grey mottling, damp, slightly plastic, stiff, occasional quartzite gravels (~2 mm - 2 cm), 100% recovery, no detectable odor.
					0		20.6-20.7	
					0		20.7-21	SILTY SAND: brownish orange, moist, loose, 100% recovery, no detectable odor.
					0		21-21.8	
					0		21.8-22.3	SANDY CLAY: orange with light grey mottling, moist, very slightly plastic, stiff, occasional iron nodules (~2 mm), 100% recovery, no detectable odor.
-22	22				0		22.3-24.5	SILTY SAND: orangish brown, saturated, flowing, occasional quartzite gravels (~2-3 cm), 100% recovery, no detectable odor.
					0			SILTY CLAY: mottled orange and light grey, moist, plastic, stiff, occasional quartzite gravels (~2cm), 100% recovery, no detectable odor.
-24	24				0		24.5-25	SILTY CLAY: orange, black and greyish brown laminae, moist, plastic, very stiff, 100% recovery, no detectable odor.
					0			SHALE: dark grey with occasional orange mottlings, damp, crumbly, hard, fissile, 100% recovery, no detectable odor.
					0			T.D. = 25'
-26	26							
-28	28							
-30	30							



# MW-55 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-55 Date Drilled 11/17/2004  
 Project WP Offsite Delineation Owner Whirlpool  
 Location Ft. Smith, AR Boring T.D. 21' Boring Diam. 3"  
 N. Coord. 9984.19 E. Coord. 8104.37 Surface Elevation 465.5' Ft. MSL Datum  
 Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"  
 Casing: Type Schedule 40 PVC Diam. 0.75" Length 15.5' Sump Length 0.5'  
 Top of Casing Elevation 0' Stickup 0'  
 Depth to Water: 1. Ft. \_\_\_\_\_ ( \_\_\_\_\_ ) 2. Ft. \_\_\_\_\_ ( \_\_\_\_\_ )  
 Drilling Company CCI Driller Donna R. Lewis  
 Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
0	0				37.9	0-4	0-0.4	CLAYEY SILT: dark brown, moist, loose, abundant root hairs, roots, and vegetative matter, 100% recovery, strong pine odor.
					0		0.4-0.75	SILTY CLAY: greyish medium brown to greyish reddish brown, moist, plastic, very soft, slight pine odor, 100% recovery, slight pine odor.
					0		0.75-3.7	SILTY CLAY: reddish light brown, wet, plastic, very soft, occasional iron nodules (~2 mm), 72% recovery, no detectable odor.
-2	2							
					0	4-8	3.7-5.2	SILTY CLAY: mottled orange and light brown, moist, plastic, soft, occasional silt veins (light brown), clay nodules (reddish light brown very soft, 1-3 cm), rare iron nodules (~2 mm), 100% recovery, no detectable odor.
					0		5.2-5.8	SILTY CLAY: orangish light brown, moist, plastic, soft, abundant sand veins (light brown and orange), 100% recovery, no detectable odor.
-6	6				0		5.8-6.4	SILTY CLAY: mottled orange and light to medium grey, moist, plastic, soft, occasional sand veins (light brown and orange), 100% recovery, no detectable odor.
					0		6.4-8	SILTY CLAY: medium to dark grey with orange and light brown mottling, moist, plastic, soft, 100% recovery, no detectable odor.
-8	8				0	8-12	8-8.9	SILTY CLAY: medium to dark grey with orange and light brown mottling, moist, plastic, very soft, 100% recovery, no detectable odor.
					0		8.9-10.7	SANDY SILTY CLAY: orange with light grey mottling, moist, plastic, clay interbeds with abundant iron nodules, occasional silt veins (light brown and orange), abundant iron nodules (~2 mm), 100% recovery, no detectable odor.
-10	10							



# MW-55 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-55 Date Drilled 11/17/2004  
Project WP Offsite Delineation Owner Whirlpool  
Location Ft. Smith, AR Boring T.D. 21' Boring Diam. 3"  
N. Coord. 9984.19 E. Coord. 8104.37 Surface Elevation 465.5' Ft. MSL Datum  
Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"  
Casing: Type Schedule 40 PVC Diam. 0.75" Length 15.5' Sump Length 0.5'  
Top of Casing Elevation 0' Stickup 0'  
Depth to Water: 1. Ft.            (            ) 2. Ft.            (            )  
Drilling Company CCI Driller Donna R. Lewis  
Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-10	10				0			SILTY CLAY: orange with occasional reddish medium brown and light grey mottling, moist, plastic, stiff, common silt to very fine sand veins (orange and light grey), 100% recovery, no detectable odor.
					0		10.7-11.3	SANDY CLAY: light grey with orange mottling, moist, plastic, soft, occasional sand veins (light grey and orange), 100% recovery, no detectable odor.
					0		11.3-12	SILTY CLAY: reddish light brown, moist, plastic, very soft, 100% recovery, no detectable odor.
-12	12				0	12-15	12-12.4	SILTY SANDY CLAY: greyish light brown, moist, plastic, very soft, rare silt veins (light grey), 100% recovery, no detectable odor.
					0		12.4-12.9	SANDY SILTY CLAY: light grey with orange and greyish medium brown, moist, plastic, stiff, occasional silt veins (orange, light brown, and black), 100% recovery, no detectable odor.
					0		12.9-13.6	SANDY CLAY: orange with light grey and medium brown mottling, moist, slightly plastic, very soft, 100% recovery, no detectable odor.
-14	14				0		13.6-14.2	SANDY CLAY: light grey with orange mottling, moist, slightly plastic, very soft, occasional silt veins (light grey and black), 100% recovery, no detectable odor.
					0		14.2-14.4	SILTY CLAYEY SAND: orange, saturated, loose, 100% recovery, no detectable odor.
					0	15-18	14.4-15.7	SILTY SANDY CLAY: orange, moist, plastic, stiff, abundant quartzite gravels (~2 mm), occasional iron nodules (~2 mm), and occasional clay inclusions (light grey, ~2-5 mm), 100% recovery, no detectable odor.
-16	16				0		15.7-16.15	GRAVELLY CLAY: greenish light grey, moist, plastic, stiff, abundant quartzite gravels (~1-2 cm), 100% recovery, no detectable odor.
					0		16.15-16.75	GRAVELLY CLAY: orange with rare greenish light grey mottling, moist, slightly plastic, stiff, abundant quartzite gravels (~1-3 cm), rare iron nodules (~2 mm), 100% recovery, no detectable odor.
-18	18				0		16.75-18	SILTY SAND: orange, saturated, flowing, occasional quartzite gravels (~1 cm), 100% recovery, no detectable odor.
					0	18-21	18-18.7	SANDY CLAY: orange with light brown and medium grey mottling and rare black mottling, moist, slightly plastic, stiff, common quartzite gravels (~1-3 cm), 100% recovery, no detectable odor.
					0		18.7-19.7	SILTY CLAY: orange with light grey and black laminae, moist, plastic, stiff, occasional silt laminae (orange, light grey, and black), 100% recovery, no detectable odor.
-20	20				0		19.7-20.2	



# MW-55 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-55 Date Drilled 11/17/2004  
 Project WP Offsite Delineation Owner Whirlpool  
 Location Ft. Smith, AR Boring T.D. 21' Boring Diam. 3"  
 N. Coord. 9984.19 E. Coord. 8104.37 Surface Elevation 465.5' Ft. MSL Datum  
 Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"  
 Casing: Type Schedule 40 PVC Diam. 0.75" Length 15.5' Sump Length 0.5'  
 Top of Casing Elevation 0' Stickup 0'  
 Depth to Water: 1. Ft.            (            ) 2. Ft.            (            )  
 Drilling Company CCI Driller Donna R. Lewis  
 Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-20	20				0 0 0		20.2-20.4 20.4-21	<p>SILTY CLAY: light grey with orange and black laminae, moist, plastic, very stiff, occasional silt laminae (light grey, orange, and black), 100% recovery, no detectable odor.</p> <p>SHALE: dark grey with occasional orange mottlings, damp, crumbly, hard, fissile, 100% recovery, no detectable odor.</p> <p>T.D. = 21'</p>
-22	22							
-24	24							
-26	26							
-28	28							
-30	30							





# MW-56 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-56 Date Drilled 11/18/2004  
 Project WP Offsite Delineation Owner Whirlpool  
 Location Ft. Smith, AR Boring T.D. 21' Boring Diam. 3"  
 N. Coord. 9846.68 E. Coord. 8510.04 Surface Elevation 463.4' Ft. MSL Datum  
 Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"  
 Casing: Type Schedule 40 PVC Diam. 0.75" Length 14.5' Sump Length 0.5'  
 Top of Casing Elevation 0' Stickup 0'  
 Depth to Water: 1. Ft.            (            ) 2. Ft.            (            )  
 Drilling Company CCI Driller Donna R. Lewis  
 Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
0	0				0-4	0-2.3	NO RECOVERY: 0% recovery, extremely wet conditions.
-2	2					2.3-4	SILTY SANDY CLAY: greyish medium brown with orange mottling, moist, plastic, soft, 100% recovery, no detectable odor.
-4	4				4-8	4-5.2	SILTY SANDY CLAY: dark grey with occasional light grey mottling, moist, plastic, stiff, occasional very fine sand and silt inclusions (orange and light grey, ~1 cm), 100% recovery, no detectable odor.
-6	6					5.2-6.15	SILTY SANDY CLAY: dark grey with light grey mottling, moist, plastic, stiff, occasional very fine sand and silt inclusions (orange and light grey, ~1 cm), occasional iron nodules (1-2 mm), 100% recovery, no detectable odor.
						6.15-6.75	SILTY CLAY: light grey with dark grey mottling, moist, plastic, stiff, occasional silt veins (orange), occasional iron nodules (~2 mm), 100% recovery, no detectable odor.
						6.75-8.7	SILTY CLAY: light grey with occasional dark grey mottling and occasional orange mottling, moist, plastic, stiff, occasional silt and very fine sand (orange and rare light brown) veins, occasional iron nodules (~2 mm), silt and very fine sand inclusions (orange and rare light brown, <1 cm), 100% recovery, no detectable odor.
-8	8				8-12	8.7-9.2	SILTY CLAY: light grey with orange mottling, moist, plastic, clay interbeds with abundant iron nodules, stiff, abundant silt and very fine sand inclusions (light brown, <1 cm), occasional quartzite gravels (~1-2 cm), 100% recovery, no detectable odor.
-10	10					9.2-10.2	SILTY SANDY CLAY: orange with light grey mottling, moist, plastic, stiff, occasional silt and very fine sand (orange, light brown, and black) veins, occasional iron nodules (~2-4 mm), 100% recovery, no detectable odor.



# MW-56 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-56 Date Drilled 11/18/2004

Project WP Offsite Delineation Owner Whirlpool

Location Ft. Smith, AR Boring T.D. 21' Boring Diam. 3"

N. Coord. 9846.68 E. Coord. 8510.04 Surface Elevation 463.4' Ft. MSL Datum

Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"

Casing: Type Schedule 40 PVC Diam. 0.75" Length 14.5' Sump Length 0.5'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft.            (            ) 2. Ft.            (            )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-10	10					10.2-11.55	SANDY CLAY: with gravel, light brown with orange and black mottling, moist, very slightly plastic, stiff, abundant iron nodules (~1 mm to ~1 cm), 100% recovery, no detectable odor.
						11.55-11.75	SANDY CLAY: light brown with orange and black mottling, moist, plastic, stiff, 100% recovery, no detectable odor.
-12	12				12-15	11.75-12	SANDY CLAY: light grey with orange and light brown mottling, moist, plastic, stiff, occasional very fine sand and silt inclusions (orange and light brown, ~1 cm), occasional iron nodules (1-2 mm), 100% recovery, no detectable odor.
						12-12.55	SANDY CLAY: light grey with orange and light brown mottling, moist, plastic, stiff, occasional very fine sand and silt inclusions (orange and light brown, ~1 cm), occasional iron nodules (1-2 mm), 100% recovery, no detectable odor.
						12.55-13.15	SILTY SAND: orangish light brown, wet, loose, 100% recovery, no detectable odor.
						13.15-14.5	CLAYEY SAND: orange, wet, loose, occasional iron nodules (~2 mm), abundant quartzite gravels (~1cm), 100% recovery, no detectable odor.
-14	14					14.5-15	SANDY CLAY: orange, wet, very slightly plastic, stiff, 100% recovery, abundant quartzite gravels (~1cm), no detectable odor.
					15-18	15-15.8	CLAYEY SAND: light brown, saturated, loose, 100% recovery, no detectable odor.
						15.8-18	GRAVELLY CLAY: orange, moist, stiff, abundant iron nodules (~2 mm - 1 cm), abundant quartzite gravels (~1-3 cm), 100% recovery, no detectable odor.
-16	16						
-18	18				18-21	18-18.5	SANDY CLAY: reddish light brown, saturated, slightly plastic, very soft, 100% recovery, no detectable odor.
						18.5-18.8	GRAVELLY CLAY: orange, moist, slightly plastic, stiff, abundant iron nodules (~2 mm), 100% recovery, no detectable odor.
						18.8-19.5	SILTY SANDY CLAY: orange with light and medium grey mottling, moist, plastic, very stiff, 100% recovery, no detectable odor.
						19.5-21	SHALE: dark grey with occasional orange mottlings, damp, crumbly, hard, fissile, 100% recovery, no detectable odor.
-20	20						





# MW-56 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-56 Date Drilled 11/18/2004  
Project WP Offsite Delineation Owner Whirlpool  
Location Ft. Smith, AR Boring T.D. 21' Boring Diam. 3"  
N. Coord. 9846.68 E. Coord. 8510.04 Surface Elevation 463.4' Ft. MSL Datum  
Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"  
Casing: Type Schedule 40 PVC Diam. 0.75" Length 14.5' Sump Length 0.5'  
Top of Casing Elevation 0' Stickup 0'  
Depth to Water: 1. Ft.            (            ) 2. Ft.            (            )  
Drilling Company CCI Driller Donna R. Lewis  
Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-20	20						SHALE: dark grey with occasional orange mottlings, damp, crumbly, hard, fissile, 100% recovery, no detectable odor.  T.D. = 21'
-22	22						
-24	24						
-26	26						
-28	28						
-30	30						



# MW-57 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-57 Date Drilled 11/18/2004

Project WP Offsite Delineation Owner Whirlpool

Location Ft. Smith, AR Boring T.D. 20.5' Boring Diam. 3"

N. Coord. 9927.44 E. Coord. 8506.98 Surface Elevation 463.1' Ft. MSL Datum

Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"

Casing: Type Schedule 40 PVC Diam. 0.75" Length 14' Sump Length 0.5'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft. \_\_\_\_\_ ( \_\_\_\_\_ ) 2. Ft. \_\_\_\_\_ ( \_\_\_\_\_ )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
0	0					0-4	0-1.5	SILTY SANDY CLAY: medium brown, saturated, plastic, very soft, occasional iron nodules (~2 mm), 100% recovery, no detectable odor.
					0		1.5-3.45	SILTY SANDY CLAY: light to medium brown with orange mottling, moist, plastic, stiff, occasional silt and very fine sand (orange, and light brown) veins, occasional silt and very fine sand inclusions (orange and light brown, <1 cm), 100% recovery, no detectable odor.
-2	2				0		3.45-4.1	SANDY CLAY: medium brown with orange mottling, slightly damp, plastic, stiff, occasional silt and very fine sand (orange, and light brown) veins and inclusions (orange and light brown, <1 cm), 100% recovery, no detectable odor.
					0	4-8	4.1-4.3	GRAVEL: quartzite gravel in a clay matrix, orange, moist, iron nodules (~2-4 mm), 100% recovery, no detectable odor.
-4	4				0		4.3-5.9	SILTY CLAY: light grey with orange mottling, moist, plastic, stiff, occasional silt (light brown) veins and inclusions, occasional iron nodules (~2 mm), 100% recovery, no detectable odor.
					0		5.9-6.55	SANDY SILT: light brown to light grey, slightly damp, loose, 100% recovery, no detectable odor.
-6	6				0		6.55-6.8	SILTY CLAY: light grey with dark grey mottling, moist, plastic, soft, occasional silt (light brown) veins and inclusions, 100% recovery, no detectable odor.
					0		6.8-8	SILTY CLAY: dark brown with black and orange mottling, moist, plastic, soft, occasional silt inclusions (orange, light brown, and dark brown, <1 cm), 100% recovery, no detectable odor.
-8	8				0	8-12	8-8.8	SILTY CLAY: light to medium brown, wet, slightly plastic, very soft, 100% recovery, no detectable odor.
					0		8.8-9.95	SILTY SANDY CLAY: orange, moist, slightly plastic, stiff, abundant iron nodules (~2-4 mm), 100% recovery, no detectable odor.
-10	10				0		9.95-13.5	SANDY SILTY CLAY: light grey and orange, moist, plastic, stiff, occasional iron nodules (~2 mm), occasional silt and very fine sand inclusions (light brown, <1 cm), 100% recovery, no detectable odor.



# MW-57 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-57 Date Drilled 11/18/2004  
Project WP Offsite Delineation Owner Whirlpool  
Location Ft. Smith, AR Boring T.D. 20.5' Boring Diam. 3"  
N. Coord. 9927.44 E. Coord. 8506.98 Surface Elevation 463.1' Ft. MSL Datum  
Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"  
Casing: Type Schedule 40 PVC Diam. 0.75" Length 14' Sump Length 0.5'  
Top of Casing Elevation 0' Stickup 0'  
Depth to Water: 1. Ft. \_\_\_\_\_ ( \_\_\_\_\_ ) 2. Ft. \_\_\_\_\_ ( \_\_\_\_\_ )  
Drilling Company CCI Driller Donna R. Lewis  
Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-10	10							
-12	12					12-16		SILTY CLAY: light greenish grey with orange mottling, moist, plastic, stiff, occasional silt (light brown) veins, 100% recovery, no detectable odor.
					0		13.5-13.7	SANDY SILTY CLAY: light grey with rare orange mottlings, moist, plastic, stiff, occasional silt and very fine sand (light brown) veins and inclusions, 100% recovery, no detectable odor.
					0		13.7-14.45	SANDY SILTY CLAY: orange with rare light grey mottling, moist, plastic, stiff, abundant iron nodules (~2 mm), numerous quartzite gravels (~2-3 cm), 100% recovery, no detectable odor.
-14	14				0		14.45-15.2	SANDY SILTY CLAY: dark brown, moist, slightly plastic, stiff, abundant iron nodules (~2 mm), 100% recovery, no detectable odor.
					0		15.2-15.5	SANDY CLAY: mottled light grey and orange, moist, slightly plastic, soft, occasional quartzite gravels (~3-4 cm), 100% recovery, no detectable odor.
					0		15.5-15.85	SANDY CLAY: orange, moist, slightly plastic, soft, abundant iron nodules (~2 mm), occasional quartzite gravels (~1cm), 100% recovery, no detectable odor.
-16	16				0	16-19	15.85-16	CLAYEY SILTY SAND: orangish light brown, saturated, flowing, 100% recovery, no detectable odor.
					0		16-16.6	SANDY CLAY: orange with light grey mottling, moist, slightly plastic, soft, occasional quartzite gravels (~1-3 cm), 100% recovery, no detectable odor.
					0		16.6-17.55	GRAVELLY CLAY: orange, moist, plastic, stiff, abundant quartzite gravels (~2-3 cm), 100% recovery, no detectable odor.
-18	18				0		17.55-18.5	SILTY CLAY: greenish grey, moist, plastic, soft, 100% recovery, no detectable odor.
					0		18.5-18.8	SILTY CLAY: dark brown to dark grey, damp, plastic, very stiff, 100% recovery, no detectable odor.
					0		18.8-19	SHALE: dark grey with occasional orange mottlings, damp, crumbly, hard, fissile, 100% recovery, no detectable odor.
					0		19-20.5	
-20	20							



# MW-57 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-57 Date Drilled 11/18/2004

Project WP Offsite Delineation Owner Whirlpool

Location Ft. Smith, AR Boring T.D. 20.5' Boring Diam. 3"

N. Coord. 9927.44 E. Coord. 8506.98 Surface Elevation 463.1' Ft. MSL Datum

Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"

Casing: Type Schedule 40 PVC Diam. 0.75" Length 14' Sump Length 0.5'

Top of Casing Elevation 0' Stickup 0'


Depth to Water: 1. Ft.            (            ) 2. Ft.            (            )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-20	20				0			SHALE: dark grey with occasional orange mottlings, damp, crumbly, hard, fissile, 100% recovery, no detectable odor. T.D. = 20.5'
-22	22							
-24	24							
-26	26							
-28	28							
-30	30							



# MW-58 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-58 Date Drilled 11/19/2004

Project WP Offsite Delineation Owner Whirlpool

Location Ft. Smith, AR Boring T.D. 19' Boring Diam. 3"

N. Coord. 10012.09 E. Coord. 8380.45 Surface Elevation 462.9' Ft. MSL Datum

Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"

Casing: Type Schedule 40 PVC Diam. 0.75" Length 12.5' Sump Length 0.5'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft. \_\_\_\_\_ ( \_\_\_\_\_ ) 2. Ft. \_\_\_\_\_ ( \_\_\_\_\_ )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
0	0					0-4	0-1.65	SILTY SANDY CLAY: medium brown with iron staining along root hairs, wet, plastic, very soft, abundant root hairs, vegetative debris in top 0.3 ft., 61% recovery, no detectable odor.
-2	2				0		1.65-2.3	SILTY SANDY CLAY: medium brown with occasional orange mottlings, saturated, plastic, very soft, occasional iron nodules (~2 mm), 100% recovery, no detectable odor.
					0		2.3-2.85	SILTY SANDY CLAY: dark brown with red mottlings, moist, plastic, soft, occasional silt and very fine sand (light brown) veins and inclusions, 100% recovery, no detectable odor.
					0		2.85-5.15	SILTY SANDY CLAY: dark brown with orange mottlings, moist, plastic, soft, occasional silt and very fine sand (light brown) veins and inclusions, 100% recovery, no detectable odor.
-4	4					4-8	5.15-8	SILTY CLAY: light greenish grey with orange mottling and rare dark grey and brown mottling, moist, plastic, stiff, occasional silt and very fine sand (light brown and orange) veins and inclusions, 100% recovery, no detectable odor.
-6	6				0			
-8	8				0	8-12	8-9.7	SILTY CLAY: light greenish grey with orange mottlings and rare dark grey to dark brown mottling, very moist, plastic, very soft, occasional silt and very fine sand (light brown and orange) veins and inclusions, occasional iron nodules (2mm to 1 cm), 100% recovery, no detectable odor.
-10	10				0		9.7-10.25	SILTY SANDY CLAY: light greenish grey, moist, plastic, stiff, occasional silt and very fine sand (light brown and orange) veins and inclusions, occasional iron nodules (2mm to 1 cm), 100% recovery, no detectable odor.



# MW-58 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-58 Date Drilled 11/19/2004  
 Project WP Offsite Delineation Owner Whirlpool  
 Location Ft. Smith, AR Boring T.D. 19' Boring Diam. 3"  
 N. Coord. 10012.09 E. Coord. 8380.45 Surface Elevation 462.9' Ft. MSL Datum  
 Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"  
 Casing: Type Schedule 40 PVC Diam. 0.75" Length 12.5' Sump Length 0.5'  
 Top of Casing Elevation 0' Stickup 0'  
 Depth to Water: 1. Ft. \_\_\_\_\_ ( \_\_\_\_\_ ) 2. Ft. \_\_\_\_\_ ( \_\_\_\_\_ )  
 Drilling Company CCI Driller Donna R. Lewis  
 Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-10	10				0		10.25-11.55	SANDY CLAY: orange, moist, plastic, stiff, abundant iron nodules (~2-4 mm), occasional quartzite gravels (~1cm), 100% recovery, no detectable odor.
-12	12				0	12-15	11.55-12	SILTY CLAY: mottled orange, black and rarely light brown, moist, plastic, stiff, occasional silt (light brown and orange) veins, 100% recovery, no detectable odor.
					0		12-12.55	
					0		12.55-13.4	SANDY CLAY: light grey with orange and black mottling, moist, slightly plastic, stiff, 100% recovery, no detectable odor.
					0			CLAYEY SAND: light grey with orange and black mottling, moist, dense, 100% recovery, no detectable odor.
-14	14				0		13.4-14.1	CLAYEY SAND: mottled orange and light grey, moist, dense, occasional quartzite gravels (~2-3 cm), 100% recovery, no detectable odor.
					0		14.1-15	CLAYEY SAND: orange, moist, dense, abundant iron nodules (~2 mm - 1 cm), occasional quartzite gravels (~2-3 cm), 100% recovery, no detectable odor.
					0	15-19	15-16	SILTY SAND: orangish medium brown, saturated, flowing, 100% recovery, no detectable odor.
-16	16				0		16-16.55	SANDY CLAY: orange, moist, very slightly plastic, stiff, occasional iron nodules (~2 mm), occasional quartzite gravels (~3 mm - 1 cm), 100% recovery, no detectable odor.
					0		16.55-17	
					0		17-17.6	CLAYEY SAND: orange, wet, loose, occasional quartzite gravels (~2 mm), 100% recovery, no detectable odor.
-18	18				0		17.6-18.2	SILTY CLAY: orange with dark brown light grey and black mottling, slightly damp, slightly plastic, very stiff, occasional silt (light brown, black and orange) veins, 100% recovery, no detectable odor.
					0		18.2-19	SILTY CLAY: dark brown to dark grey with orange, light grey and black mottling, slightly damp, slightly plastic, hard, occasional silt (black, light brown, and orange) veins, 100% recovery, no detectable odor.
					0			SHALE: black, damp, crumbly, hard, fissile, 100% recovery, no detectable odor.
-20	20				0			T.D. = 19'





# SB-59 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID SB-59 Date Drilled 11/18/2004

Project WP Offsite Delineation Owner Whirlpool

Location Ft. Smith, AR Boring T.D. 20' Boring Diam. 3"

N. Coord. 9917.6 E. Coord. 8313.1 Surface Elevation 464.3' Ft. MSL Datum

Screen: Type none Diam. 0" Length 0' Slot Size 0"

Casing: Type none Diam. 0" Length 0' Sump Length 0'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft.            (            ) 2. Ft.            (            )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
0	0				0	0-4	0-0.9	CLAYEY SANDY SILT: dark brown, wet, loose, occasional root hairs and vegetative debris, 100% recovery, no detectable odor.
					0		0.9-2.85	SILTY SANDY CLAY: medium brown, saturated, slightly plastic, very soft, occasional iron nodules (~2 mm), 100% recovery, no detectable odor.
-2	2				0		2.85-4.75	SILTY SANDY CLAY: dark brown with orange and red mottling, moist, plastic, stiff, occasional silt and very fine sand (light brown and orange) veins and inclusions, occasional iron nodules (~2 mm), 100% recovery, no detectable odor.
					0	4-8	4.75-6.2	SILTY CLAY: dark brown with medium grey, light grey, and orange mottlings, damp, plastic, stiff, rare quartzite gravels (~3 mm), abundant silt inclusions (~1-3 cm), 100% recovery, no detectable odor.
-4	4				0		6.2-8	SILTY CLAY: mottled dark brown, light grey, orange and black, damp, plastic, stiff, occasional silt inclusions (light brown, ~3 cm), 100% recovery, no detectable odor.
					0		8-9	SANDY CLAY: medium brown, wet, plastic, very soft, occasional quartzite gravels (~3 mm - 1 cm), 100% recovery, no detectable odor.
-6	6				0	8-12	9.2-9.55	SILTY CLAY: dark brown with occasional red mottlings, damp, plastic, stiff, occasional silt and very fine sand (light brown) veins, occasional silt inclusions (light brown, <1 cm), 100% recovery, no detectable odor.
					0		9.55-10.25	SILTY CLAY: light grey with orange mottlings, moist, plastic, stiff, occasional silt (light brown and orange) veins and inclusions, 100% recovery, no detectable odor.
-8	8				0			SILTY CLAY: light grey with orange mottling, moist, plastic, stiff, occasional silt (orange, black, and light brown) veins and inclusions, abundant iron nodule (~2 mm), 100% recovery, no detectable odor.
-10	10				0			



# SB-59 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID SB-59 Date Drilled 11/18/2004  
 Project WP Offsite Delineation Owner Whirlpool  
 Location Ft. Smith, AR Boring T.D. 20' Boring Diam. 3"  
 N. Coord. 9917.6 E. Coord. 8313.1 Surface Elevation 464.3' Ft. MSL Datum  
 Screen: Type none Diam. 0" Length 0' Slot Size 0"  
 Casing: Type none Diam. 0" Length 0' Sump Length 0'  
 Top of Casing Elevation 0' Stickup 0'  
 Depth to Water: 1. Ft.            (            ) 2. Ft.            (            )  
 Drilling Company CCI Driller Donna R. Lewis  
 Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-10	10				0		10.25-12	SILTY CLAY: light grey with orange mottling, plastic, stiff, occasional silt and very fine sand (light brown and orange) veins and inclusions, rare iron nodule (~2 mm), 100% recovery, no detectable odor.
-12	12				0	12-16	12-13.7	SANDY CLAY: mottled light grey, dark grey, and orange, moist, plastic, soft, occasional silt and very fine sand (light brown, orange, and dark grey) veins and inclusions, 100% recovery, no detectable odor.
-14	14				0		13.7-14.5	SANDY CLAY: orange with occasional black mottling, moist, slightly plastic, stiff, very abundant iron nodules (~2 mm), occasional quartzite gravels (~1cm), 100% recovery, no detectable odor.
					0		14.5-15.1	SILTY CLAY: greenish light grey with occasional orange mottling, moist, plastic, stiff, occasional fine to medium-grained sand inclusions (orange, and light brown, ~<1cm), 100% recovery, no detectable odor.
					0		15.1-15.5	CLAYEY SAND: brownish light grey, very moist, dense, 100% recovery, no detectable odor.
					0		15.5-16	SANDY CLAY: orange, moist, plastic, stiff, occasional iron nodules (~2 mm), common quartzite gravels (~1cm), 100% recovery, no detectable odor.
-16	16				0	16-19	16-17.5	SILTY SAND: orange, saturated, flowing, 100% recovery, no detectable odor.
-18	18				0		17.5-18.8	GRAVELLY CLAY: orange, slightly moist, slightly plastic, stiff, occasional iron nodules (~2 mm), occasional quartzite gravels (~3 mm - 1 cm), 100% recovery, no detectable odor.
					0	19-20	18.8-19	SILTY SAND: yellowish light brown, slightly damp, loose, occasional quartzite gravels (~3 mm - 1 cm), 100% recovery, no detectable odor.
					0		19-19.7	SILTY CLAY: dark brown, moist, plastic, very stiff, 100% recovery, no detectable odor.
-20	20				0		19.7-20	SHALE: black, damp, crumbly, hard, fissile, 100% recovery, no detectable odor. T.D. = 20'



# MW-60 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-60 Date Drilled 4/4/2005

Project WP Offsite Delineation Owner Whirlpool

Location Fort Smith, AR Boring T.D. 17.5' Boring Diam. 3"

N. Coord. 10307.87 E. Coord. 8503.43 Surface Elevation 461' Ft. MSL Datum

Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"

Casing: Type Schedule 40 PVC Diam. 0.75" Length 12' Sump Length 0.5'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft. 11.34 (4-5-05 17:21; predevelopment) 2. Ft. 5.8 (4-11-05 10:17; postdevelopment)

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
0	0					0-4	0-1.7	SANDY CLAY: dark brown with minor yellowish-red mottling, moist, plastic, very soft, abundant roots and root hairs, 100% recovery, no detectable odor.
					0 ppm		1.7-2.2	SANDY CLAY: dark brown, damp, slightly plastic, very soft, occasional root hairs, 100% recovery.
-2	2				3.3 ppm		2.2-2.8	CLAYEY SAND: brown, saturated, loose, 100% recovery, no odor.
					0 ppm		2.8-3.5	SANDY CLAY: brown, very moist, plastic, very soft, occasional iron nodules (2 mm), 100% recovery, no odor.
					0 ppm		3.5-4	SANDY CLAY: saturated, slightly plastic, very soft, occasional iron nodules (2 mm), 100% recovery, no odor.
-4	4				0 ppm	4-8	4-5.1	SANDY CLAY: mottled light grey, yellowish-red, and reddish-brown, very moist, slightly plastic, stiff, occasional iron nodules (2 mm), 100% recovery, no odor.
					0 ppm		5.1-5.4	SANDY CLAY: reddish-brown, moist, plastic, stiff, abundant iron nodules (2 mm), 100% recovery, no odor.
					0 ppm		5.4-5.75	SANDY CLAY: mottled light grey, yellowish-red, and reddish-brown, very moist, slightly plastic, stiff, occasional iron nodules (2 mm), 100% recovery, no odor.
-6	6				0 ppm		5.75-6	SANDY CLAY: reddish-brown, moist, plastic, stiff, abundant iron nodules (2 mm), 100% recovery, no odor.
					0 ppm		6-6.2	SANDY CLAY: mottled light grey, yellowish-red, and reddish-brown, very moist, slightly plastic, stiff, occasional iron nodules (2 mm), 100% recovery, no odor.
					0 ppm		6.2-6.8	SANDY CLAY: reddish-brown, moist, plastic, stiff, abundant iron nodules (2 mm), 100% recovery, no odor.
					0 ppm		6.8-7.2	SANDY CLAY: mottled light grey, yellowish-red, and reddish-brown, very moist, slightly plastic, stiff, occasional iron nodules (2 mm), 100% recovery, no odor.
-8	8				0 ppm		7.2-8	SANDY CLAY: reddish-brown, moist, plastic, stiff, abundant iron nodules (2 mm), 100% recovery, no odor.
					0 ppm		8-10.6	SANDY CLAY: mottled light grey, yellowish-red, and reddish-brown, very moist, slightly plastic, stiff, occasional iron nodules (2 mm), 100% recovery, no odor.
-10	10				0 ppm	8-12		SANDY CLAY: reddish-brown, moist, plastic, stiff, abundant iron nodules (2 mm), 100% recovery, no odor.
								SANDY CLAY: greyish-brown, saturated, slightly plastic, very soft, 100% recovery, no odor.



# MW-60 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-60 Date Drilled 4/4/2005

Project WP Offsite Delineation Owner Whirlpool

Location Fort Smith, AR Boring T.D. 17.5' Boring Diam. 3"

N. Coord. 10307.87 E. Coord. 8503.43 Surface Elevation 461' Ft. MSL Datum

Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"

Casing: Type Schedule 40 PVC Diam. 0.75" Length 12' Sump Length 0.5'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft. 11.34 ( 4-5-05 17:21; predevelopment ) 2. Ft. 5.8 ( 4-11-05 10:17; postdevelopment )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Direct Push/Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-10	10				0 ppm		10.6-11.1	SANDY CLAY TO CLAYEY SAND: dark greyish brown with minor yellowish-red mottling, damp, very slightly plastic, stiff, abundant iron nodules (2 mm), abundant coarse-grained sand, 100% recovery, no odor.
					0 ppm		11.1-12	
-12	12				0 ppm	12-16	12-13.8	SANDY CLAY TO CLAYEY SAND: mottled yellowish-red and greenish-grey, damp, very slightly plastic, stiff, abundant iron nodules (2 mm), abundant coarse-grained sand, 100% recovery, no odor.
					0 ppm		13.8-15.4	GRAVELLY SANDY CLAY: mottled yellowish-red and brown, damp, stiff, very slightly plastic, occasional iron nodules (2 mm), abundant gravel (1-3 cm, quartzite), abundant coarse-grained sand, 100% recovery, no odor.
-14	14				0 ppm		15.4-17.5	SHALE: weathered, dark grey with minor yellowish-red mottling, very slightly damp, hard, fissile, 100% recovery, no odor.
-16	16				0 ppm	16-17.5		
-18	18				0 ppm			T.D. = 17.5'
-20	20							



# MW-61 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-61 Date Drilled 4/4/2005  
 Project WP Offsite Delineation Owner Whirlpool  
 Location Fort Smith, AR Boring T.D. 16' Boring Diam. 3"  
 N. Coord. 10308.13 E. Coord. 8796.61 Surface Elevation 459.8' Ft. MSL Datum  
 Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"  
 Casing: Type Schedule 40 PVC Diam. 0.75" Length 10.5' Sump Length 0.5'  
 Top of Casing Elevation 0' Stickup 0'  
 Depth to Water: 1. Ft. 12.13 ( 4-5-05 17:12; predevelopment ) 2. Ft. 7.98 ( 4-11-05 17:12; postdevelopment )  
 Drilling Company CCI Driller Donna R. Lewis  
 Drilling Method Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
0	0					0-5	0-1	SANDY CLAY: dark brown, moist, slightly plastic, very soft, abundant roots and root hairs, 100% recovery, no odor.
					0 ppm		1-2	SANDY CLAY: brown, moist, slightly plastic, very soft, occasional root hairs, 100% recovery, no odor.
-2	2				0 ppm		2-4.5	SANDY CLAY: mottled yellowish-red and brown, damp very slightly plastic, soft, occasional iron nodules (2 mm), occasional quartzite gravel (2 cm), 100% recovery, no odor.
					0 ppm		4.5-5	SANDY CLAY: reddish-brown, damp, very slightly plastic, stiff, abundant iron nodules (2-4 mm), 100% recovery, no odor.
					0 ppm	5-8	5-5.4	SANDY CLAY: yellowish-red with minor light brown mottling, slightly damp, very slightly plastic, stiff, occasional iron nodules (2-4 mm), 100% recovery, no odor.
					76 ppm		5.4-6.2	SANDY CLAY: reddish-brown, damp, very slightly plastic, stiff, abundant iron nodules (2-4 mm), 100% recovery, no odor.
-6	6				83 ppm		6.2-6.5	SANDY CLAY: mottled yellowish-red and light grey, slightly damp, slightly plastic, soft, 100% recovery, no odor.
							6.5-6.8	SANDY CLAY: reddish-brown, damp, very slightly plastic, stiff, abundant iron nodules (2-4 mm), 100% recovery, no odor.
							6.8-7.2	SANDY CLAY: mottled yellowish-red and light grey, slightly damp, slightly plastic, soft, 100% recovery, no odor.
							7.2-8	SANDY CLAY: reddish-brown, damp, very slightly plastic, stiff, abundant iron nodules (2-4 mm), 100% recovery, no odor.
-8	8				254 ppm	8-12	8-10.8	SANDY CLAY: reddish-brown, saturated, slightly plastic, very soft, 100% recovery, no odor.
-10	10							



# MW-61 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-61 Date Drilled 4/4/2005

Project WP Offsite Delineation Owner Whirlpool

Location Fort Smith, AR Boring T.D. 16' Boring Diam. 3"

N. Coord. 10308.13 E. Coord. 8796.61 Surface Elevation 459.8' Ft. MSL Datum

Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"

Casing: Type Schedule 40 PVC Diam. 0.75" Length 10.5' Sump Length 0.5'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft. 12.13 ( 4-5-05 17:12; predevelopment ) 2. Ft. 7.98 ( 4-11-05 17:12; postdevelopment )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-10	10				763 ppm 512 ppm 534 ppm		10.8-11 11-11.2 11.2-12	GRAVELLY SANDY CLAY: with gravel (quartzite 1-2 cm), damp, slightly plastic, soft, 100% recovery, no odor. SILTY CLAY: light brown, damp, stiff, slightly plastic, 100% recovery, no odor.
-12	12				524 ppm	12-16	12-14.3	GRAVELLY CLAY: yellowish-brown, damp, plastic, soft, abundant quartzite (1-3 cm), 100% recovery, no odor. SANDY CLAY: yellowish-brown, damp, slightly plastic, soft, occasional iron nodules (2 mm), occasional quartzite (2 mm - 1 cm), 100% recovery, no odor.
-14	14				151 ppm		14.3-15.1	CLAYEY SAND: coarse-grained sand, saturated, loose, occasional quartzite (1-2 cm), 100% recovery, no odor.
					757 ppm 0 ppm		15.1-15.3 15.3-16	SILTY CLAY: yellowish-red, damp, slightly plastic, stiff, 100% recovery, no odor. SHALE: dark grey with minor yellowish-red mottling, very slightly damp, hard, fissile, 100% recovery, no odor.
-16	16				0 ppm			T.D. = 16'
-18	18							
-20	20							



# MW-62 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-62 Date Drilled 4/4/2005

Project WP Offsite Delineation Owner Whirlpool

Location Fort Smith, AR Boring T.D. 21' Boring Diam. 3"

N. Coord. 9693.47 E. Coord. 8622.29 Surface Elevation 464.5' Ft. MSL Datum

Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"

Casing: Type Schedule 40 PVC Diam. 0.75" Length 15.5' Sump Length 0.5'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft. 3.46 (4-6-05 16:15; predevelopment) 2. Ft. 3.22 (4-11-05 10:36; postdevelopment)

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
0	0					0-4	0-1	SILTY CLAY: dark brown with minor yellowish-red mottling, moist, loose, abundant root hairs, poor recovery, no odor.
					0 ppm		1-1.4	SILTY CLAY: dark brown, moist, plastic, very soft, occasional root hairs, 100% recovery, no odor.
					0 ppm		1.4-2	SILTY CLAY: brown with occasional yellowish-red mottling, moist, plastic, very soft, rare root hairs, 100% recovery, no odor.
-2	2				0 ppm		2-2.7	SILTY CLAY: brown with occasional yellowish-red mottling, wet, plastic, very soft, 100% recovery, no odor.
					0 ppm		2.7-3.1	SILTY CLAY: brown with occasional red mottling, moist, plastic, very soft, 100% recovery, no odor.
					0 ppm		3.1-4	SILTY CLAY: brown with occasional yellowish-red mottling, damp, slightly plastic, stiff, occasional light brown silt to very fine sandy veins and inclusions, 100% recovery, no odor.
-4	4				0 ppm	4-8	4-5	SILTY CLAY: brown with occasional red mottling, moist, plastic, very soft, 100% recovery, no odor.
					0 ppm		5-6	SILTY SANDY CLAY: brown with occasional yellowish-red and light brown mottling, damp, slightly plastic, stiff, occasional silt and very fine sand veins (light brown), 100% recovery, no odor.
-6	6				0 ppm		6-6.5	SILTY SANDY CLAY: light grey with occasional yellowish-red mottling, damp, slightly plastic, stiff, occasional silt and very fine sand veins (light brown), 100% recovery, no odor.
					0 ppm		6.5-7.1	SILTY SANDY CLAY: mottled light grey and yellowish-red, damp, slightly plastic, stiff, occasional iron nodules (1-3 mm), 100% recovery, no odor.
					0 ppm		7.1-10.7	SILTY SANDY CLAY: mottled light grey and yellowish-red, damp, slightly plastic, stiff, slightly plastic, 100% recovery, no odor.
-8	8					8-12		
-10	10							



# MW-62 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-62 Date Drilled 4/4/2005

Project WP Offsite Delineation Owner Whirlpool

Location Fort Smith, AR Boring T.D. 21' Boring Diam. 3"

N. Coord. 9693.47 E. Coord. 8622.29 Surface Elevation 464.5' Ft. MSL Datum

Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"

Casing: Type Schedule 40 PVC Diam. 0.75" Length 15.5' Sump Length 0.5'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft. 3.46 (4-6-05 16:15; predevelopment) 2. Ft. 3.22 (4-11-05 10:36; postdevelopment)

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-10	10				0 ppm		10.7-11.3	SANDY CLAY: yellowish-red with minor light grey mottling, damp, very slightly plastic, stiff, abundant iron nodules (2-4 mm), 100% recovery, no odor.
					0 ppm		11.3-12	SANDY GRAVELLY CLAY: yellowish-red, damp, very slightly plastic, stiff, abundant iron nodules (2-4 mm), abundant quartzite (1 cm), 100% recovery, no odor.
-12	12				0 ppm	12-16	12-13.1	SILTY SANDY CLAY: mottled yellowish-red, light grey, and dark grey, damp, plastic, soft, 100% recovery, no odor.
					0 ppm		13.1-16.2	SANDY GRAVELLY CLAY: yellowish-red, damp, very slightly plastic, stiff, abundant iron nodules (2-4 mm), abundant quartzite (1 cm), 100% recovery, no odor.
-14	14							
					0 ppm	16-20	16.2-16.3	SILTY SANDY CLAY: brown with minor red mottling, moist, plastic, very soft, plastic, 100% recovery, no odor.
-16	16				0 ppm		16.3-17.2	GRAVELLY CLAY: yellowish-red, damp, very slightly plastic, stiff, abundant iron nodules (2-4 mm), abundant quartzite (1-3 cm), 100% recovery, no odor.
					0 ppm		17.2-18.5	GRAVELLY CLAYEY SAND: with clay, mottled light brown and yellowish-red, damp, loose, abundant quartzite (1-3 cm), 100% recovery, no odor.
-18	18				0 ppm		18.5-20.3	SANDY CLAY: brown, saturated, slightly plastic, very soft, 100% recovery, no odor.
-20	20							





## MW-62 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-62 Date Drilled 4/4/2005

Project WP Offsite Delineation Owner Whirlpool

Location Fort Smith, AR Boring T.D. 21' Boring Diam. 3"

N. Coord. 9693.47 E. Coord. 8622.29 Surface Elevation 464.5' Ft. MSL Datum

Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"

Casing: Type Schedule 40 PVC Diam. 0.75" Length 15.5' Sump Length 0.5'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft. 3.46 (4-6-05 16:15; predevelopment) 2. Ft. 3.22 (4-11-05 10:36; postdevelopment)

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-20	20				0 ppm	20-21	20.3-21	SHALE: dark grey, very slightly damp, hard, fissile, 100% recovery, no odor. T.D. = 21'
-22	22							
-24	24							
-26	26							
-28	28							
-30	30							



# MW-63 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-63 Date Drilled 4/5/2005

Project WP Offsite Delineation Owner Whirlpool

Location Fort Smith, AR Boring T.D. 21.5' Boring Diam. 3"

N. Coord. 9692.48 E. Coord. 8826.28 Surface Elevation 464' Ft. MSL Datum

Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"

Casing: Type Schedule 40 PVC Diam. 0.75" Length 16' Sump Length 0.5'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft. 5.91 ( 4-6-05 14:00; predevelopment ) 2. Ft. 2.78 ( 4-11-05 10:40; postdevelopment )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
0	0				0 ppm	0-4	0-0.45	CLAYEY SILT: brown with minor yellowish-red mottling, moist, loose, abundant root hairs, 100% recovery, no odor.
					0 ppm		0.45-1.15	SILTY CLAY: brown, moist, plastic, soft, rare root hairs, 100% recovery, no odor.
					0 ppm		1.15-3.2	SILTY SANDY CLAY: saturated, very slightly plastic, soft, 29 % recovery, no odor.
-2	2				0 ppm		3.2-3.6	SANDY CLAY: brown with occasional red mottling, moist, plastic, soft, 100% recovery, no odor.
					0 ppm		3.6-4	SANDY CLAY: brown with occasional yellowish-red mottling, moist, plastic, soft, 100% recovery, no odor.
-4	4				0 ppm	4-8	4-4.7	NO RECOVERY: no recovery.
					0 ppm		4.7-5.1	SANDY CLAY: brown with minor red mottling, moist, plastic, soft, 100% recovery, no odor.
					0 ppm		5.1-5.8	SANDY CLAY: brown with minor yellowish-red mottling, saturated, very slightly plastic, very soft, 100% recovery, no odor.
-6	6				0 ppm		5.8-6.3	SANDY CLAY: mottled brown, grey, and yellowish-red, moist, plastic, soft, 100% recovery, no odor.
					0 ppm		6.3-8	SANDY CLAY: mottled brown, grey, yellowish-red, moist, plastic, stiff, 100% recovery, no odor.
-8	8				0 ppm	8-12	8-10.5	SANDY CLAY: mottled grey and yellowish-red, moist, plastic, soft, poor recovery, no odor.
-10	10							



# MW-63 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-63 Date Drilled 4/5/2005

Project WP Offsite Delineation Owner Whirlpool

Location Fort Smith, AR Boring T.D. 21.5' Boring Diam. 3"

N. Coord. 9692.48 E. Coord. 8826.28 Surface Elevation 464' Ft. MSL Datum

Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"

Casing: Type Schedule 40 PVC Diam. 0.75" Length 16' Sump Length 0.5'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft. 5.91 ( 4-6-05 14:00; predevelopment ) 2. Ft. 2.78 ( 4-11-05 10:40; postdevelopment )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-10	10				0 ppm		10.5-12	SANDY CLAY: yellowish-red with minor brown mottling, damp, plastic, hard, 100% recovery, no odor.
-12	12				0 ppm	12-16	12-15.5	SANDY CLAY TO CLAYEY SAND: yellowish-red with minor light brown mottling, damp, very slightly plastic, stiff, abundant coarse-grained sand, poor recovery, no odor.
-14	14				0 ppm		15.5-16	GRAVELLY CLAY: yellowish-red with minor light brown mottling, damp, very slightly plastic, stiff, abundant iron nodules (1-2 mm), abundant quartzite (1 cm) with coarse-grained sand, 100% recovery, no odor.
-16	16				0 ppm	16-20	16-19.3	SANDY CLAY: yellowish-red, damp, very slightly plastic, stiff, occasional quartzite (1-3 cm), poor recovery, no odor.
-18	18				0 ppm		19.3-19.5	CLAYEY SAND: light brown, damp, loose, occasional quartzite (2-5 mm), 100% recovery, no odor.
-20	20				0 ppm		19.5-20	SILTY CLAY: yellowish-red, damp, very slightly plastic, hard, becoming fissile, 100% recovery, no odor.



# MW-63 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-63 Date Drilled 4/5/2005

Project WP Offsite Delineation Owner Whirlpool

Location Fort Smith, AR Boring T.D. 21.5' Boring Diam. 3"

N. Coord. 9692.48 E. Coord. 8826.28 Surface Elevation 464' Ft. MSL Datum

Screen: Type Stainless prepak Diam. 0.75" Length 5' Slot Size 0.01"

Casing: Type Schedule 40 PVC Diam. 0.75" Length 16' Sump Length 0.5'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft. 5.91 ( 4-6-05 14:00; predevelopment ) 2. Ft. 2.78 ( 4-11-05 10:40; postdevelopment )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-20	20				0 ppm	20-21.5	20-21.5	SHALE: dark grey, very slightly damp, hard, fissile, 100% recovery, no odor.
					0 ppm			T.D. = 21.5'
-22	22							
-24	24							
-26	26							
-28	28							
-30	30							



# SB-64 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID SB-64 Date Drilled 4/5/2005  
 Project WP Offsite Delineation Owner Whirlpool  
 Location Fort Smith, AR Boring T.D. 19.5' Boring Diam. 3"  
 N. Coord. 9884.5 E. Coord. 9045.8 Surface Elevation 462.5 Ft. MSL Datum  
 Screen: Type none Diam. 0" Length 0' Slot Size 0"  
 Casing: Type none Diam. 0" Length 0' Sump Length 0'  
 Top of Casing Elevation 0' Stickup 0'  
 Depth to Water: 1. Ft. 0 ( not measured ) 2. Ft. 0 ( not measured )  
 Drilling Company CCI Driller Donna R. Lewis  
 Drilling Method Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
0	0					0-7	0-0.5 0.5-1 1-6	FILL: gravely (3 cm) silty sand, brown, moist, loose, 100% recovery, no odor. FILL: gravely (3-5 cm) silty sand, brown, moist, loose, 100% recovery, no odor. FILL: sandy clay with gravel (1 cm), mottled brown, light brown, and yellowish-red, moist, plastic, soft, 100% recovery, no odor.
-2	2							
-4	4							
-6	6						6-7	FILL: silty clay, yellowish-red, moist, plastic, soft, occasional iron nodules (2-4 mm), 100% recovery, no odor.
-8	8					7-8	7-8	FILL: sandy clay, mottled light brown, yellowish-red, and grey, wet, plastic, stiff, 100% recovery, no odor.
-10	10					8-12	8-11.3	SANDY CLAY: brown, saturated, slightly plastic, very soft, poor recovery, no odor.



# SB-64 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID SB-64 Date Drilled 4/5/2005

Project WP Offsite Delineation Owner Whirlpool

Location Fort Smith, AR Boring T.D. 19.5' Boring Diam. 3"

N. Coord. 9884.5 E. Coord. 9045.8 Surface Elevation 462.5 Ft. MSL Datum

Screen: Type none Diam. 0" Length 0' Slot Size 0"

Casing: Type none Diam. 0" Length 0' Sump Length 0'

Top of Casing Elevation 0' Stickup 0'

Depth to Water: 1. Ft. 0 ( not measured ) 2. Ft. 0 ( not measured )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Geoprobe Log By Misty D. Savell

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
-10	10							
-12	12					12-16	11.3-11.7 11.7-12 12-15.6	SANDY CLAY: grey, moist, plastic, soft, 100% recovery, no odor. SANDY CLAY: mottled yellowish-red and light grey, damp, slightly plastic, soft, 100% recovery, no odor. CLAYEY SAND: mottled yellowish-red and light grey, moist, loose, poor recovery, no odor.
-14	14							
-16	16					16-19.5	15.6-17.9	GRAVELLY CLAY: with sand, yellowish-brown, wet, very slightly plastic, stiff, abundant quartzite (1-2 cm), poor recovery, no odor.
-18	18						17.9-18.2 18.2-18.4 18.4-19.1 19.1-19.5	SANDY CLAY: yellowish-red, wet, slightly plastic, stiff, 100% recovery, no odor. SANDY GRAVELLY CLAY: light greenish-grey, moist, slightly plastic, soft, occasional quartzite (1 cm), 100% recovery, no odor. SILTY CLAY: yellowish-red, damp, plastic, stiff, 100% recovery, no odor. SHALE: dark grey with minor yellowish-red mottling, very slightly damp, hard, fissile, 100% recovery, no odor.
-20	20							T.D. = 19.5'



# MW-65 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-65 Date Drilled 3/28/2006  
 Project WP Offsite Delineation Owner Whirlpool  
 Location Fort Smith, AR Boring T.D. 32' Boring Diam. 8"  
 N. Coord. 9407.19' E. Coord. 7828.14' Surface Elevation 474.1' Ft. MSL Datum  
 Screen: Type Sch 40 PVC Diam. 2" Length 10' Slot Size 0.01"  
 Casing: Type Sch 40 PVC Diam. 2" Length 19.5' Sump Length 2.5'  
 Top of Casing Elevation 473.91' Stickup 0'  
 Depth to Water: 1. Ft. 0 ( ) 2. Ft. 0 ( )  
 Drilling Company CCI Driller Donna R. Lewis  
 Drilling Method Hollow-Stem Auger Log By Doss Barker

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM (ppm)	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
474.1	0					0-2	0-1.5	SILTY CLAY: gray, moist, firm, slightly crumbly, abundant rootlets, occasional iron nodules
					0.6	2-4	1.5-2 2-6	SILTY CLAY: gray to black, moist, firm, slightly crumbly, abundant rootlets SILTY SANDY CLAY: brown, moist, firm, slightly crumbly, occasional red mottling
470	5				2.7	4-6		
					2.7	6-8	6-10	SILTY CLAY: gray, moist, firm, black and red mottling
					5.3	8-10		
465	10				9.1	10-12	10-15.7	SILTY CLAY: gray, moist, firm, red mottling
					4.9	12-14		
460	15				0.2	14-16		
					0.2	16-18	15.7-16 16-19.3	SILTY SANDY CLAY: gray, moist, firm, black and red mottling SILTY CLAY: gray, moist, firm, black and red mottling
					0.2	18-20		
455	20						19.3-20	SILTY CLAY: gray, moist, firm



# MW-65 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-65 Date Drilled 3/28/2006  
Project WP Offsite Delineation Owner Whirlpool  
Location Fort Smith, AR Boring T.D. 32' Boring Diam. 8"  
N. Coord. 9407.19' E. Coord. 7828.14' Surface Elevation 474.1' Ft. MSL Datum  
Screen: Type Sch 40 PVC Diam. 2" Length 10' Slot Size 0.01"  
Casing: Type Sch 40 PVC Diam. 2" Length 19.5' Sump Length 2.5'  
Top of Casing Elevation 473.91' Stickup 0'  
Depth to Water: 1. Ft. 0 ( ) 2. Ft. 0 ( )  
Drilling Company CCI Driller Donna R. Lewis  
Drilling Method Hollow-Stem Auger Log By Doss Barker

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	OVM (ppm)	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
450	20				0.6	20-22	20-20.5 20.5-22.4	GRAVELLY CLAY: silty clay, brown, moist, crumbly with quartzite gravel from 1/4" to 1" diameter SILTY CLAY: gray, water saturated, firm, black and gray mottling
					0.0	22-24	22.4-24	GRAVELLY SAND: silty sand, brown, water saturated, crumbly with quartzite gravel from 1/4" to 1/2" diameter
450	25				0.0	24-26	24-28.4	GRAVELLY SAND: silty sand and shale fragments up to 1/4" diameter, brown, water saturated, crumbly with quartzite gravel from 1/4" to 1/2" diameter
					0.6	26-28		
					0.2	28-30	28.4-29.4	SILTY CLAY: brown, moist, black mottling, slightly fissile (weathered shale)
445	30				0.2	30-32	29.4-32	SHALE: black, crumbly, fissile
					0.0			T.D. = 32'
440	35							
435								
40								





# MW-66 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-66 Date Drilled 3/19/2006

Project WP Offsite Delineation Owner Whirlpool

Location Fort Smith, AR Boring T.D. 18' Boring Diam. 8"

N. Coord. 10002.76' E. Coord. 9094.06' Surface Elevation 462.7' Ft. MSL Datum

Screen: Type Sch 40 PVC Diam. 2" Length 5' Slot Size 0.01"

Casing: Type Sch 40 PVC Diam. 2" Length 12.6' Sump Length 0.4'

Top of Casing Elevation 462.05' Stickup 0'

Depth to Water: 1. Ft. 0 ( ) 2. Ft. 0 ( )

Drilling Company CCI Driller Donna R. Lewis

Drilling Method Hollow-Stem Auger Log By Troy Meinen / Doss Barker

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
462.7	0				0-1	0-1	SILTY SANDY CLAY: dark brown, moist, plastic to crumbly
					1-3	1-3	SILTY CLAY: pale brown, moist, stiff, plastic
460					3-4	3-4	GRAVELLY SAND: with silty clayey sand, water saturated, up to 1/2" diameter
					4-5	4-5	SILTY CLAY: pale brown, moist, stiff, plastic
	5				5-5.5	5-8	SILTY CLAY: pale brown and gray, moist, stiff, plastic
					5.5-7.5		
455					7.5-8	8-12	GRAVELLY CLAY: pale brown and gray, moist to wet, hard to stiff, plastic, with quartzite gravel 1/4" to 1/2" diameter
					8-8.5		
					8.5-9		
					9-11		
	10				11-12	12-16.2	GRAVELLY CLAY: brown, moist, firm, crumbly, black mottling, with quartzite gravel from 1/4" to 2" diameter
450					12-14		
					14-16		
	15				16-18	16.2-17	CLAY: brown, firm, moist, crumbly, fissile (weathered shale)
445					17-18		SHALE: gray to black, crumbly, fissile
							T.D. = 18'
	20						



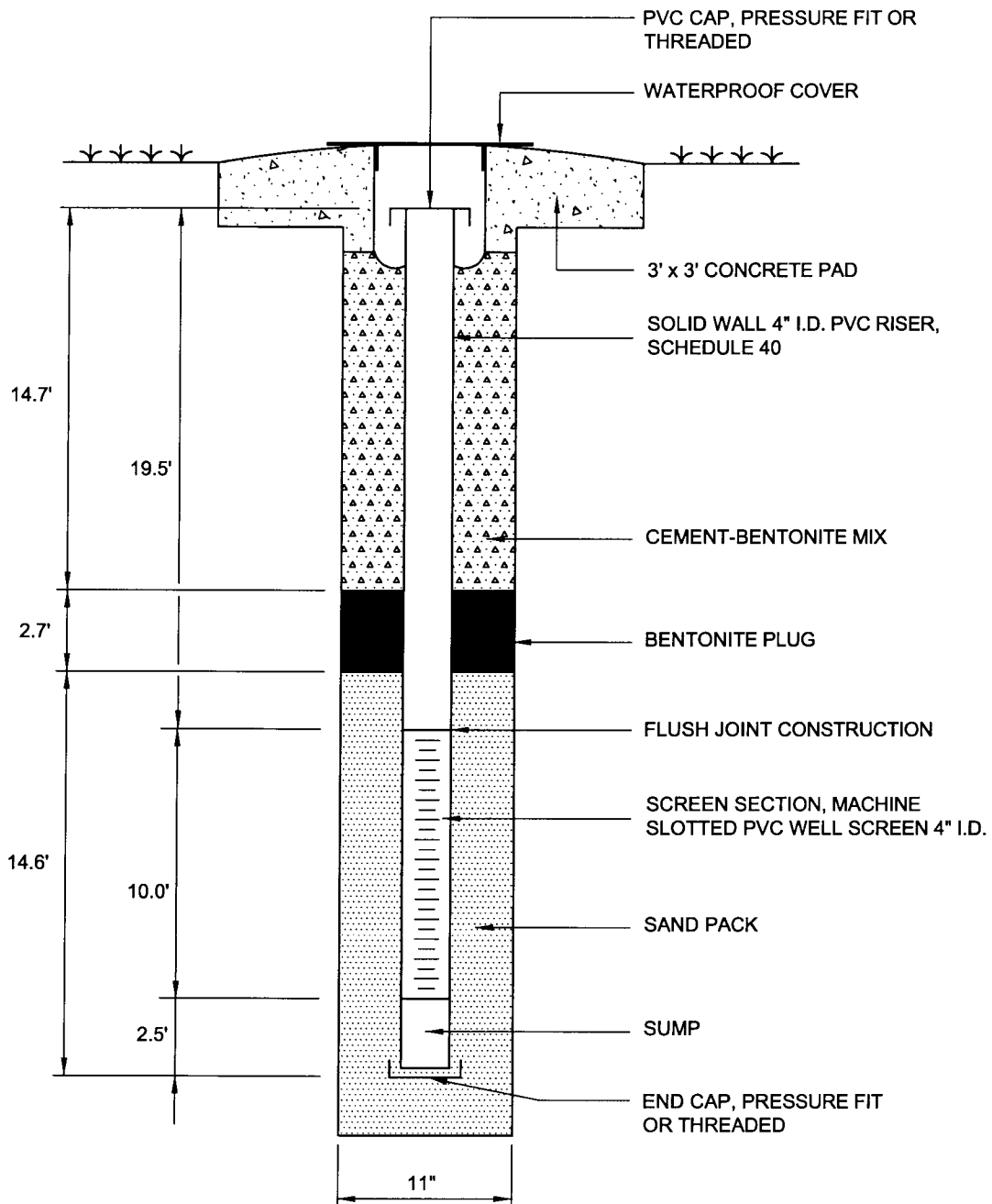
# MW-67 DRILLING LOG

W.O. NO. 0014507 Boring/Well ID MW-67 Date Drilled 3/29/2006  
Project WP Offsite Delineation Owner Whirlpool  
Location Fort Smith, AR Boring T.D. 16' Boring Diam. 8"  
N. Coord. 10174.17' E. Coord. 9093.86' Surface Elevation 459.4' Ft. MSL Datum  
Screen: Type Sch 40 PVC Diam. 2" Length 5' Slot Size 0.01"  
Casing: Type Sch 40 PVC Diam. 2" Length 9.6' Sump Length 0.4'  
Top of Casing Elevation 459.01' Stickup 0'  
Depth to Water: 1. Ft. 0 ( ) 2. Ft. 0 ( )  
Drilling Company CCI Driller Donna R. Lewis  
Drilling Method Hollow-Stem Auger Log By Doss Barker

SKETCH MAP

NOTES

Elevation (Feet)	Depth (Feet)	Graphic Log	Well Construction	Sample Type	Sample Interval (Feet)	Description Interval (Feet)	Description/Soil Classification (Color, Texture, Structure)
459.4	0				0-3	0-4	SILTY SANDY CLAY: dark brown, firm, moist, slightly crumbly, abundant rootlets, water saturated below 3 feet
					3-4		
455	5				4-6	4-7	SILTY SANDY CLAY: pale gray, firm, moist, slightly crumbly, occasional 1/4" diameter gravel, black and red mottling, occasional rootlets
					6-7		
					7-8	7-10	SILTY SANDY CLAY: pale gray, firm, moist, slightly crumbly, red mottling
					8-9		
450	10				9-10		
					10-11	10-11	SILTY SANDY CLAY: pale gray, firm, moist, slightly crumbly, occasional 1/8" diameter gravel, black and red mottling
					11-12	11-12	GRAVELLY CLAY: red, firm, moist, crumbly, abundant gravel 1/4" to 2" diameter
					12-14	12-14.2	GRAVELLY CLAY: brown, firm, moist, crumbly, gray mottling, abundant gravel 1/4" to 1" diameter
445	15				14-16	14.2-16	CLAY: black with very pale brown silt lenses, firm, moist, fissile (weathered shale)
							T.D. = 16'
440	20						



NOTE: MW-35R REPLACES MW-35

NOT TO SCALE

**ERM-Southwest, Inc.**  
HOUSTON · NEW ORLEANS · AUSTIN · MOBILE · BEAUMONT · BATON ROUGE · CORPUS CHRISTI

DESIGN:	DRAWN:	CHKD.:
DATE: 05/01/06	SCALE: AS SHOWN	REV.:
W.O.NO.: H:\dwg\E06\0014507a225.dwg, 5/1/2006 1:04:27 PM		

FIGURE  
GENERAL WELL CONSTRUCTION DETAIL  
COMPLETED BELOW GRADE  
MW-35R  
Whirlpool  
Fort Smith, Arkansas





**Aquifer Test Results**  
*Appendix B*

*August 30, 2006*  
*Project No. 0014507*

**Environmental Resources Management**  
15810 Park Ten Place, Suite 300  
Houston, Texas 77084-5140  
(281) 600-1000

# PUMP TEST ANALYSIS SUMMARY

Whirlpool Corporation  
Ft. Smith, Arkansas

Well ID	Distance (ft)	Max. Drawdown (ft)	T ft <sup>2</sup> /d	K ft/d	S	Method	Data Type	Comment
MW-35R	0.455	19.11	7.17 4.56	0.788 0.50	9.83E-02 —	Theis Theis Recovery	Hermit	Odd curve with poor fit to type curve Good fit
MW-65	13.5	0.20	<b>495</b> <b>840</b> <b>699</b>	<b>54.4</b> <b>92.31</b> <b>76.81</b>	<b>9.76E-03</b> — <b>7.17E-03</b>	Theis Theis Recovery Time-Drawdown	Hermit	Good fit Good fit Good fit
MW-33	57.5	0.07	1110 4060	123 446.15	2.75E-02 —	Theis Theis Recovery	Dip Logger	Straight curve with poor fit Good fit; scattered data
MW-34	31.3	0.20	<b>284</b> 2970 <b>880</b>	<b>31.2</b> 326.37 <b>96.70</b>	<b>2.36E-02</b> — 6.06E-03	Theis Theis Recovery Time-Drawdown	Hermit	Good fit Good fit; scattered data Good fit; scattered data
MW-36	85.8	0.07	1210	133	—	Theis	Dip Logger	Straight curve with poor fit
MW-41	150.7	0.27	<b>562</b> <b>984</b> <b>832</b>	<b>61.8</b> <b>108.1</b> <b>91.4</b>	<b>3.80E-04</b> — <b>4.34E-04</b>	Theis Theis Recovery Time-Drawdown	Hermit	Noise in data Noise in data; uncertain fit Good fit; scattered data
MW-65,34 & 41	n/a	n/a	<b>1210</b>	<b>133.0</b>	<b>9.60E-05</b>	Distance-Drawdown	Hermit	Evaluation at 340 minutes
MW-65,34 & 41	n/a	n/a	<b>1337</b>	<b>146.9</b>	<b>1.60E-03</b>	Distance-Drawdown		Evaluation at 700 minutes
MW-65,34 & 41	n/a	n/a	<b>1425</b>	<b>156.6</b>	<b>1.87E-04</b>	Distance-Drawdown		Evaluation at 1060 minutes
MW-65,34 & 41	n/a	n/a	2365	259.9	5.64E-08	Distance-Drawdown		Evaluation at 1420 minutes
Geomean of preferred results			<b>792</b>	<b>87</b>	<b>1.54E-03</b>			
Geomean of all results			598	66	5.67E-04			

## Notes:

- 1) Water level data were logged by automated datalogger.
- 2) Hermit datalogger data was normalized with aquifer parametric efficiency regression equations determined for each well.
- 3) Dip Logger datalogger data was normalized to MW-28 background fluid level data. MW-28 was assumed to have zero drawdown.
- 4) Analysis was completed with Starpoint's Infinite Extent software with the indicated methods.
- 5) Preferred results are shown in boldface.

DISTANCE-DRAWDOWN ANALYSIS  
APRIL 4-5, 2006 PUMP TEST  
Whirlpool Corporation  
Ft. Smith, Arkansas

**Distance & Drawdown Data (@340 min.):**

Well	Dist (ft)	Drawdown (ft)	Ln-dist
MW-65	13.5	0.21	2.60
MW-34	81.3	0.14	4.40
MW-41	150.7	0.11	5.02

**Regression-Based Calculations:**

Slope	-0.040
Intercept	0.318

**Compute Distance and Drawdown from equation:**

Distance (ft)	Drawdown (ft)
10	0.22
100	0.13
2588.02	0

**Compute T from  $\Delta s_{\text{cyle}}$  and rate Q:**

$$T = 2.3Q/(\Delta s \cdot 2\pi)$$

Parameter	Value	Units
Q	1.6	gpm
$\Delta s$	0.09	ft
T	1210	ft <sup>2</sup> /d

**Compute Storativity, S, from T, time, and  $r_0$ :**

$$S = 2.25T/r_0^2$$

Parameter	Value	Units
T	1209.96	ft <sup>2</sup> /d
t	340	min
$r_0$	2588.02	ft
S	9.60E-05	unitless

Notes:

- 1) Transmissivity and storativity are computed for selected wells in this table through use of the Jacob (1950) distance-drawdown method.
- 2) Regression lines are determined for each time-drawdown data series and equation parameters used to compute aquifer properties.
- 3) Distance-drawdown data and regression lines are shown in the accompanying figure.

DISTANCE-DRAWDOWN ANALYSIS  
APRIL 4-5, 2006 PUMP TEST  
Whirlpool Corporation  
Ft. Smith, Arkansas

**Distance & Drawdown Data (@700 min.):**

Well	Dist (ft)	Drawdown (ft)	Ln-dist
MW-65	13.5	0.15	2.60
MW-34	81.3	0.10	4.40
MW-41	150.7	0.06	5.02

**Regression-Based Calculations:**

Slope	-0.037
Intercept	0.251

**Compute Distance and Drawdown from equation:**

Distance (ft)	Drawdown (ft)
10	0.17
100	0.08
955.66	0

**Compute T from  $\Delta s_{cyle}$  and rate Q:**

$$T = 2.3Q/(\Delta s * 2\pi)$$

Parameter	Value	Units
Q	1.6	gpm
$\Delta s$	0.08	ft
<b>T</b>	<b>1337</b>	<b>ft<sup>2</sup>/d</b>

**Compute Storativity, S, from T, time, and  $r_0$ :**

$$S = 2.25Tt/r_0^2$$

Parameter	Value	Units
T	1336.92	ft <sup>2</sup> /d
t	700	min
$r_0$	955.66	ft
<b>S</b>	<b>1.60E-03</b>	unitless

**Notes:**

- 1) Transmissivity and storativity are computed for selected wells in this table through use of the Jacob (1950) distance-drawdown method.
- 2) Regression lines are determined for each time-drawdown data series and equation parameters used to compute aquifer properties.
- 3) Distance-drawdown data and regression lines are shown in the accompanying figure.



DISTANCE-DRAWDOWN ANALYSIS  
APRIL 4-5, 2006 PUMP TEST  
Whirlpool Corporation  
Ft. Smith, Arkansas

**Distance & Drawdown Data (@1060 min.):**

Well	Dist (ft)	Drawdown (ft)	Ln-dist
MW-65	13.5	0.12	2.60
MW-34	81.3	0.10	4.40
MW-41	150.7	0.06	5.02

**Regression-Based Calculations:**

Slope	-0.023
Intercept	0.184

**Compute Distance and Drawdown from equation:**

Distance (ft)	Drawdown (ft)
10	0.13
100	0.08
3553.31	0

**Compute T from  $\Delta s_{cyle}$  and rate Q:**

$$T = 2.3Q/(\Delta s \cdot 2\pi)$$

Parameter	Value	Units
Q	1.05	gpm
$\Delta s$	0.05	ft
T	<b>1425</b>	ft <sup>2</sup> /d

**Compute Storativity, S, from T, time, and  $r_0$ :**

$$S = 2.25Tt/r_0^2$$

Parameter	Value	Units
T	1425.42	ft <sup>2</sup> /d
t	1060	min
$r_0$	3553.31	ft
<b>S</b>	<b>1.87E-04</b>	unitless

**Notes:**

- 1) Transmissivity and storativity are computed for selected wells in this table through use of the Jacob (1950) distance-drawdown method.
- 2) Regression lines are determined for each time-drawdown data series and equation parameters used to compute aquifer properties.
- 3) Distance-drawdown data and regression lines are shown in the accompanying figure.

DISTANCE-DRAWDOWN ANALYSIS  
APRIL 4-5, 2006 PUMP TEST  
Whirlpool Corporation  
Ft. Smith, Arkansas

**Distance & Drawdown Data (@1420 min.):**

Well	Dist (ft)	Drawdown (ft)	Ln-dist
MW-65	13.5	0.12	2.60
MW-34	81.3	0.10	4.40
MW-41	150.7	0.09	5.02

**Regression-Based Calculations:**

Slope	-0.012
Intercept	0.150

**Compute Distance and Drawdown from equation:**

Distance (ft)	Drawdown (ft)
10	0.12
100	0.09
305101.05	0

**Compute T from  $\Delta s_{cyle}$  and rate Q:**

$$T = 2.3Q/(\Delta s \cdot 2\pi)$$

Parameter	Value	Units
Q	0.915	gpm
$\Delta s$	0.03	ft
<b>T</b>	<b>2365</b>	ft <sup>2</sup> /d

**Compute Storativity, S, from T, time, and  $r_0$ :**

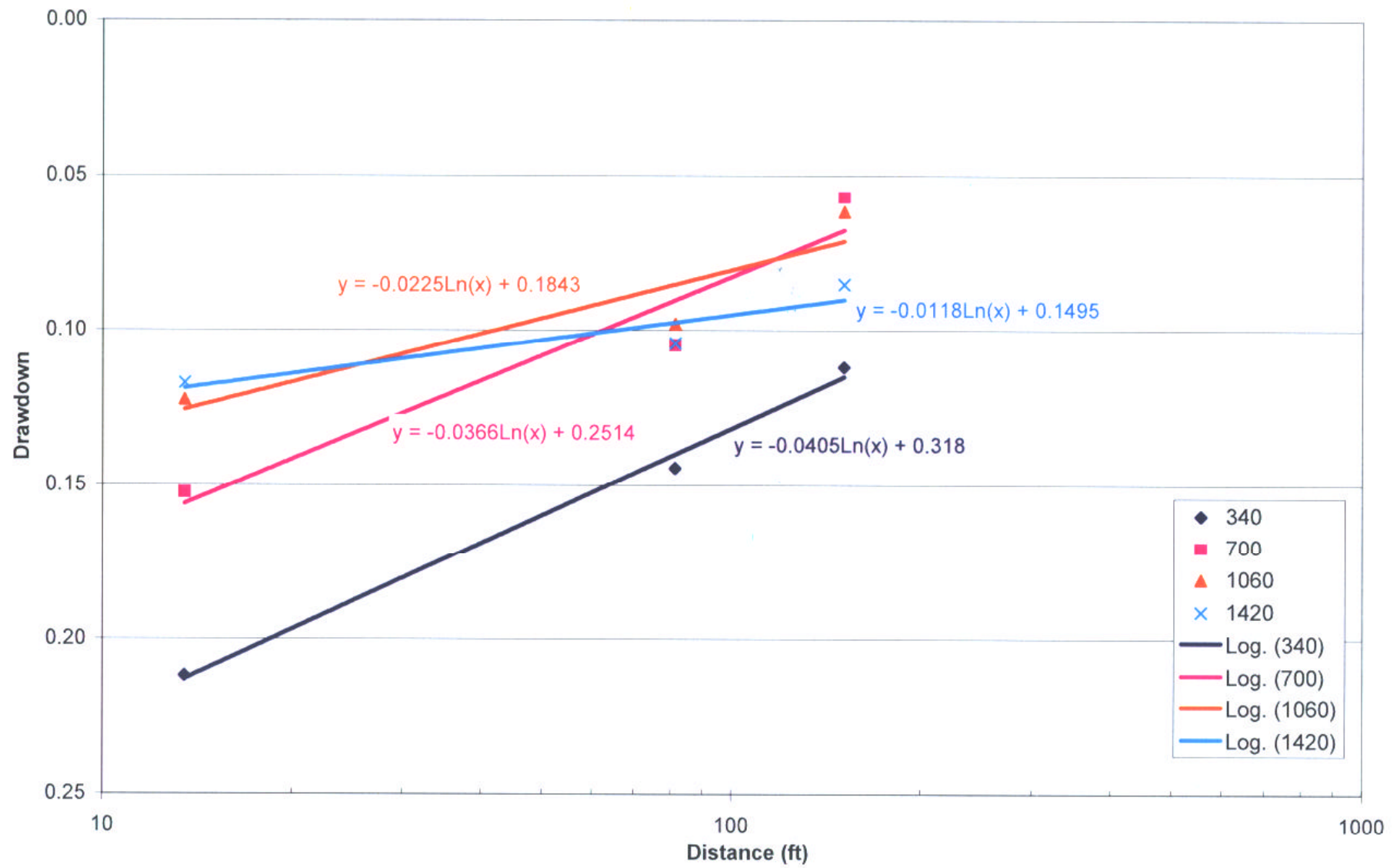
$$S = 2.25Tt/r_0^2$$

Parameter	Value	Units
T	2365.11	ft <sup>2</sup> /d
t	1420	min
$r_0$	305101.05	ft
<b>S</b>	<b>5.64E-08</b>	unitless

**Notes:**

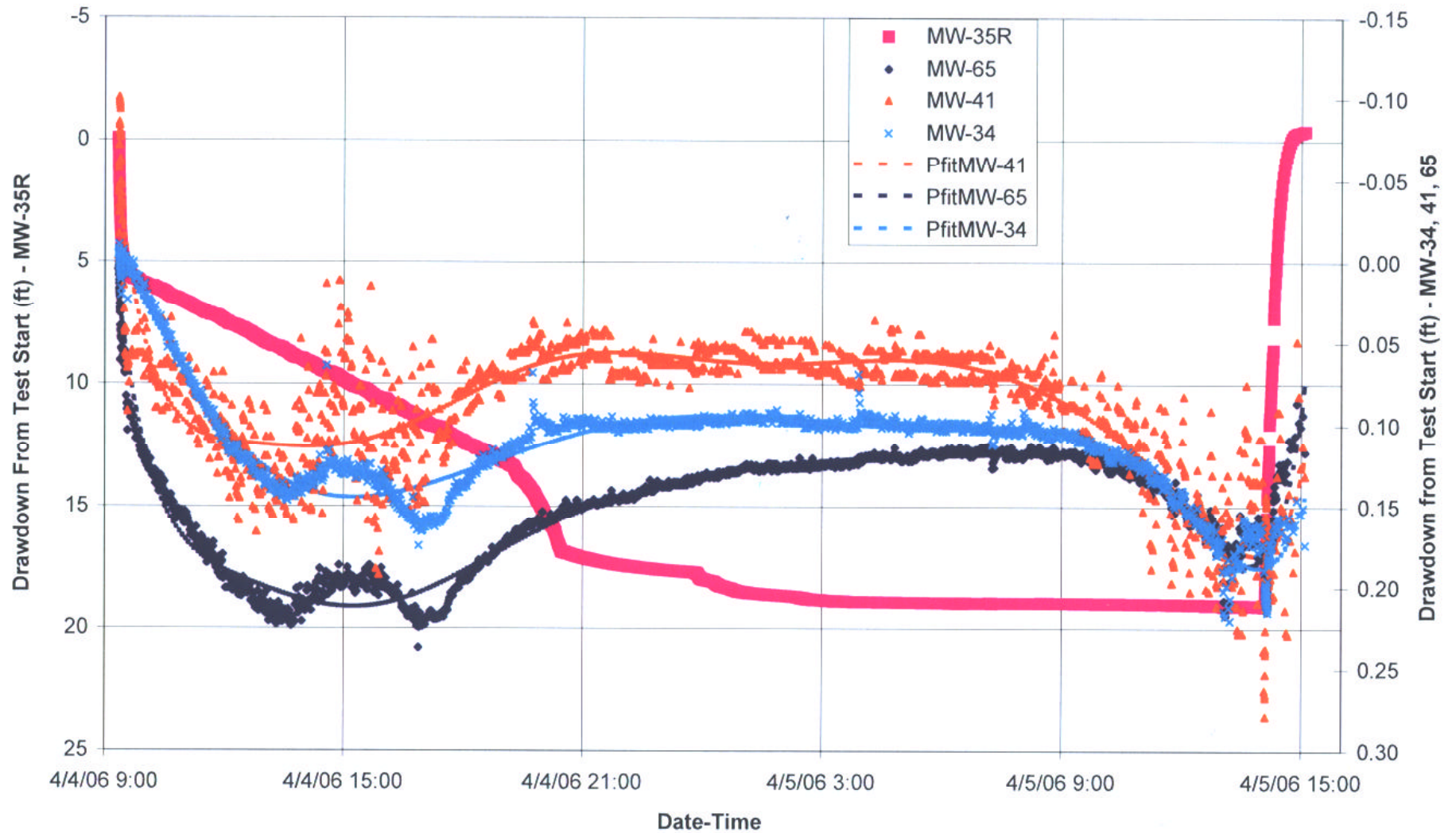
- 1) Transmissivity and storativity are computed for selected wells in this table through use of the Jacob (1950) distance-drawdown method.
- 2) Regression lines are determined for each time-drawdown data series and equation parameters used to compute aquifer properties.
- 3) Distance-drawdown data and regression lines are shown in the accompanying figure.

DISTANCE-DRAWDOWN ANALYSIS  
Whirlpool Corporation, Ft. Smith, AR



# GRAPHS OF DRAWDOWN DURING PUMP TEST AND RECOVERY PERIOD

Whirlpool Corporation, Ft. Smith, AR



# TIME-DRAWDOWN PUMP TEST ANALYSIS

Whirlpool Corporation  
Ft. Smith, Arkansas

MW-65		
<b>Regression Parameters</b>		
Equation from graph trendline:		
$y = 0.0368\ln(x) - 0.0066$		
Slope	0.0368	
Intercept	-0.0066	
<b>Time, Drawdown and Change</b>		
Time (min)	Drawdown (ft)	Change (ft)
1	-0.01	
10	0.08	0.08
100	0.16	0.08
1.20	0.00	
<b>Compute Transmissivity (T)</b>		
$T = 2.3Q/(4\pi\Delta s)$		
Parameter	Value	Units
Q	1.68	gpm
$\Delta s$	0.08	ft
T	699	ft <sup>2</sup> /d
<b>Compute Storativity (S)</b>		
$S = 2.25Tt_0/r^2$		
Parameter	Value	Units
T	698.59	ft <sup>2</sup> /d
$t_0$	1.20	min
r	13.50	ft
S	7.17E-03	

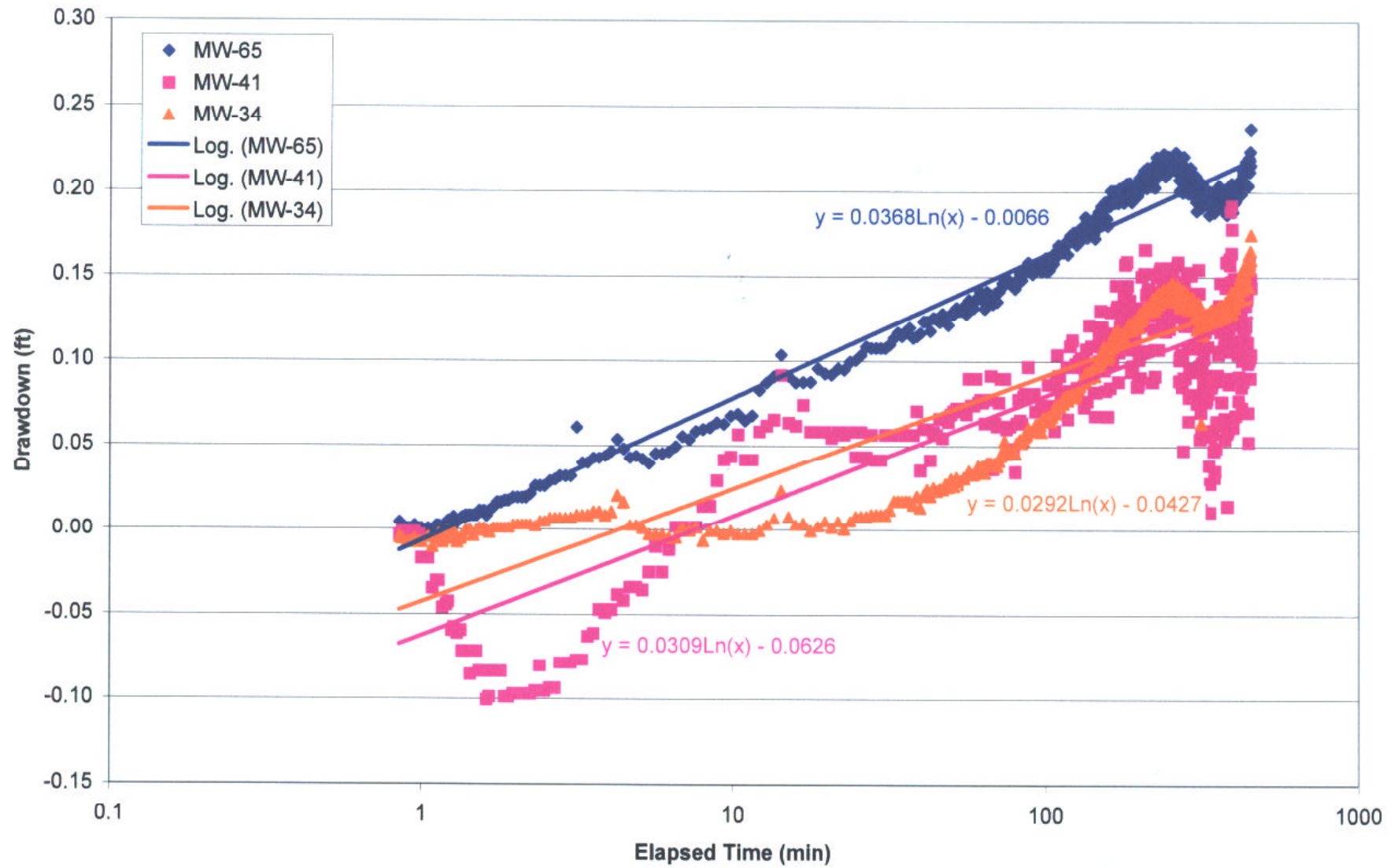
MW-34		
<b>Regression Parameters</b>		
Equation from graph trendline:		
$y = 0.0292\ln(x) - 0.0427$		
Slope	0.0292	
Intercept	-0.0427	
<b>Time, Drawdown and Change</b>		
Time (min)	Drawdown (ft)	Change (ft)
1	-0.04	
10	0.02	0.07
100	0.09	0.07
4.32	0.00	
<b>Compute Transmissivity (T)</b>		
$T = 2.3Q/(4\pi\Delta s)$		
Parameter	Value	Units
Q	1.68	gpm
$\Delta s$	0.07	ft
T	880	ft <sup>2</sup> /d
<b>Compute Storativity (S)</b>		
$S = 2.25Tt_0/r^2$		
Parameter	Value	Units
T	880.42	ft <sup>2</sup> /d
$t_0$	4.32	min
r	31.30	ft
S	6.06E-03	

MW-41		
<b>Regression Parameters</b>		
Equation from graph trendline:		
$y = 0.0309\ln(x) - 0.0626$		
Slope	0.0309	
Intercept	-0.0626	
<b>Time, Drawdown and Change</b>		
Time (min)	Drawdown (ft)	Change (ft)
1	-0.06	
10	0.01	0.07
100	0.08	0.07
7.58	0	
<b>Compute Transmissivity (T)</b>		
$T = 2.3Q/(4\pi\Delta s)$		
Parameter	Value	Units
Q	1.68	gpm
$\Delta s$	0.07	ft
T	832	ft <sup>2</sup> /d
<b>Compute Storativity (S)</b>		
$S = 2.25Tt_0/r^2$		
Parameter	Value	Units
T	831.98	ft <sup>2</sup> /d
$t_0$	7.58	min
r	150.70	ft
S	4.34E-04	

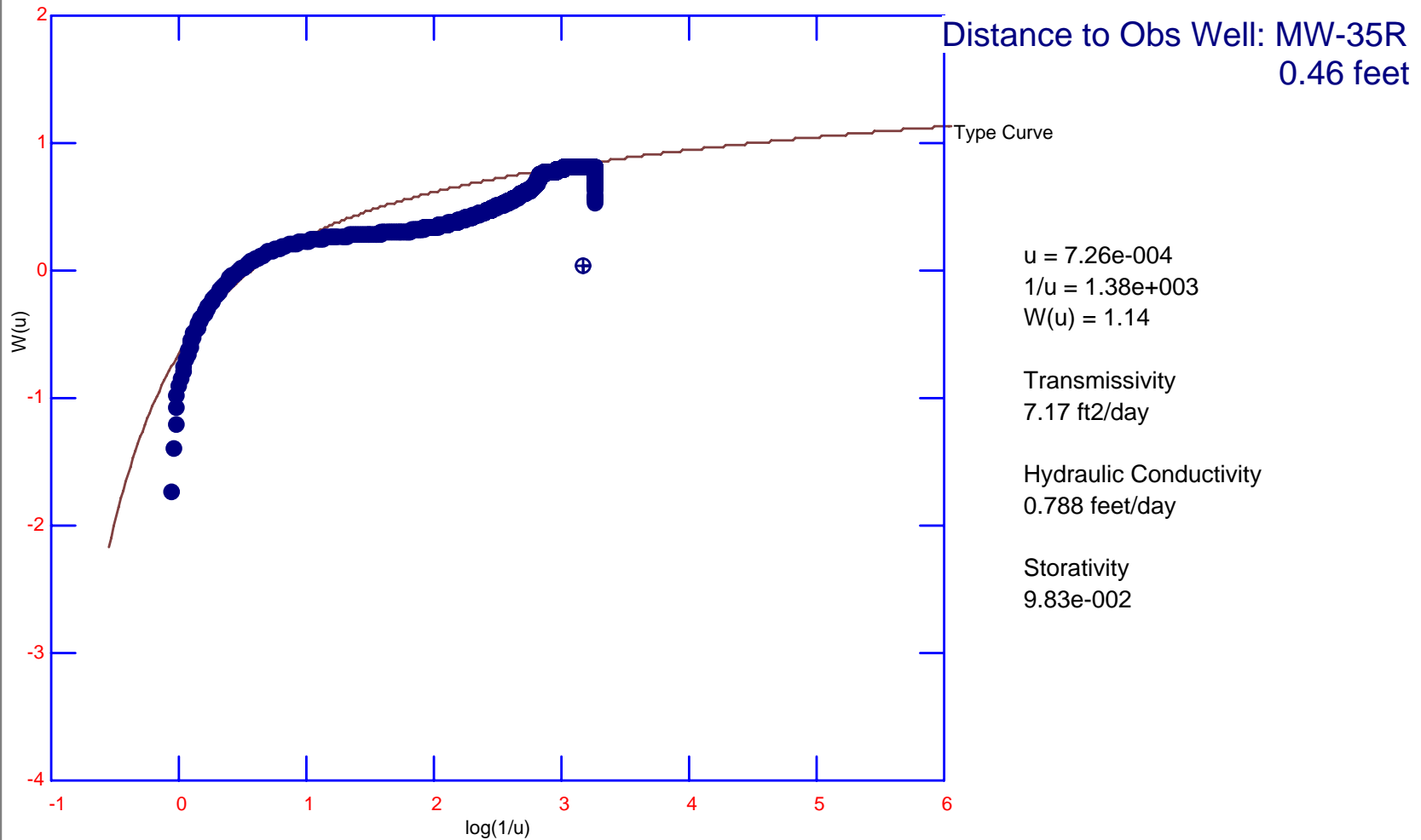
## Notes:

- 1) Transmissivity and storativity are computed for selected wells in this table through use of the Jacob (1950) time-drawdown method.
- 2) Regression lines are determined for each time-drawdown data series and equation parameters used to compute aquifer properties.
- 3) Time-drawdown data and regression lines are shown in the accompanying figure.

# DRAWDOWN VS. TIME GRAPHS WHIRLPOOL CORPORATION



## Theis Type Curve MW-35R Pump Test April 4-5, 2006



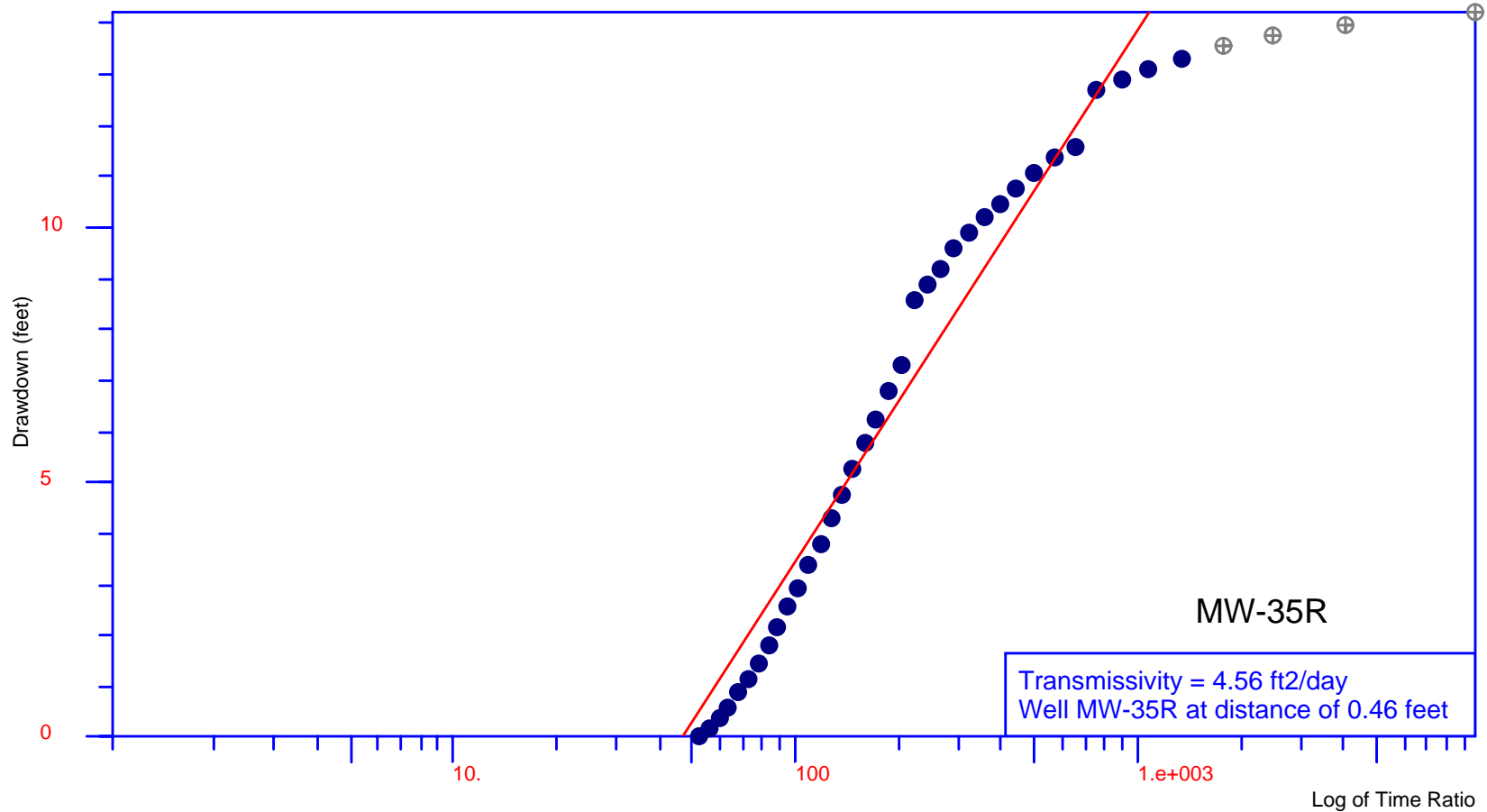
Ft. Smith, AR  
Project Number: 0048030 for Whirlpool Corp.  
Analyzed by Starpoint Software  
MW-35R Pump Test April 4-5, 2006

## MW-35R Pump Test April 4-5, 2006

Ft. Smith, AR

## Theis Recovery

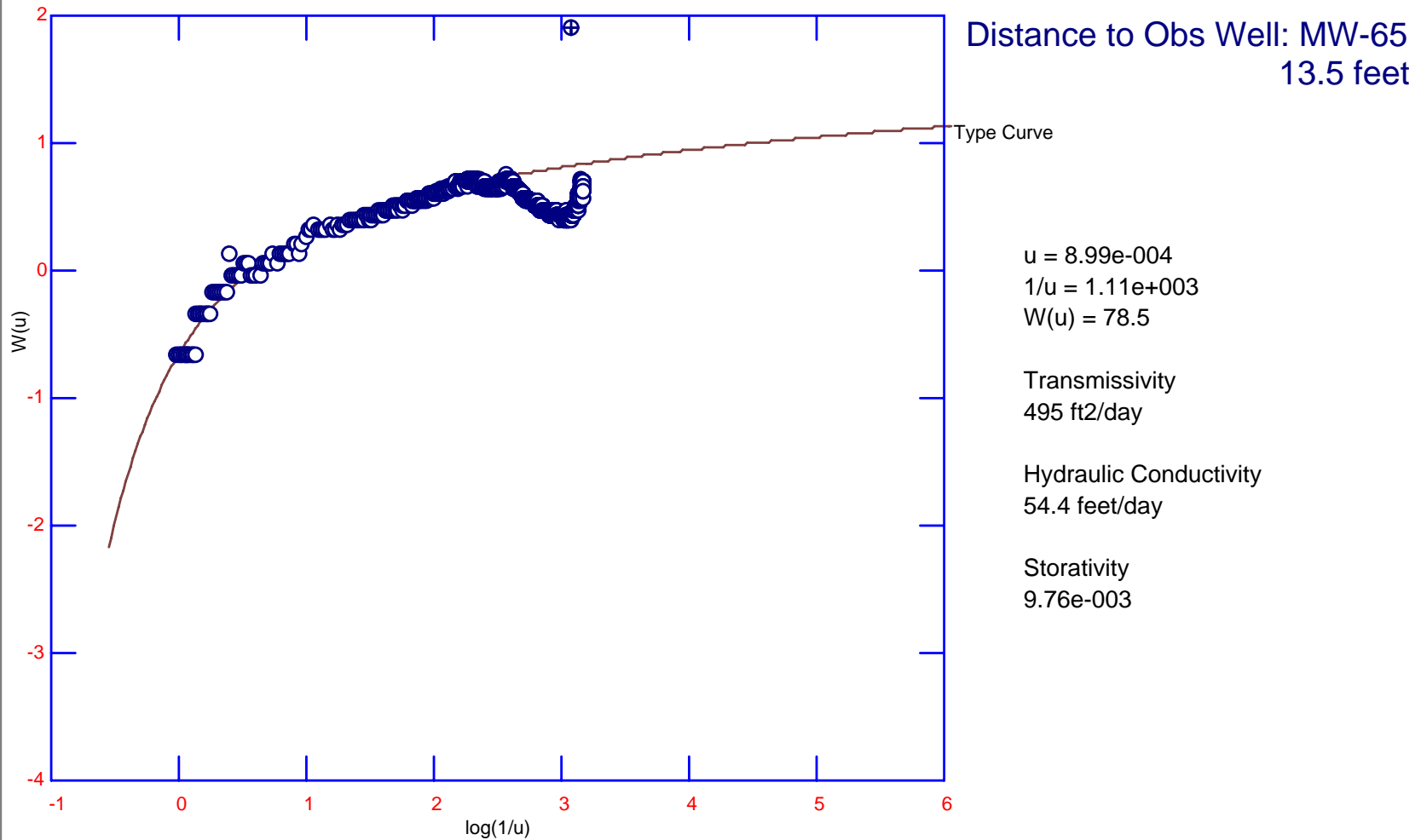
Pumping Well MW-35R



Project Number: 0048030 for Whirlpool Corp.  
Analyzed by Starpoint Software



## Theis Type Curve MW-35R Pump Test April 4-5, 2006



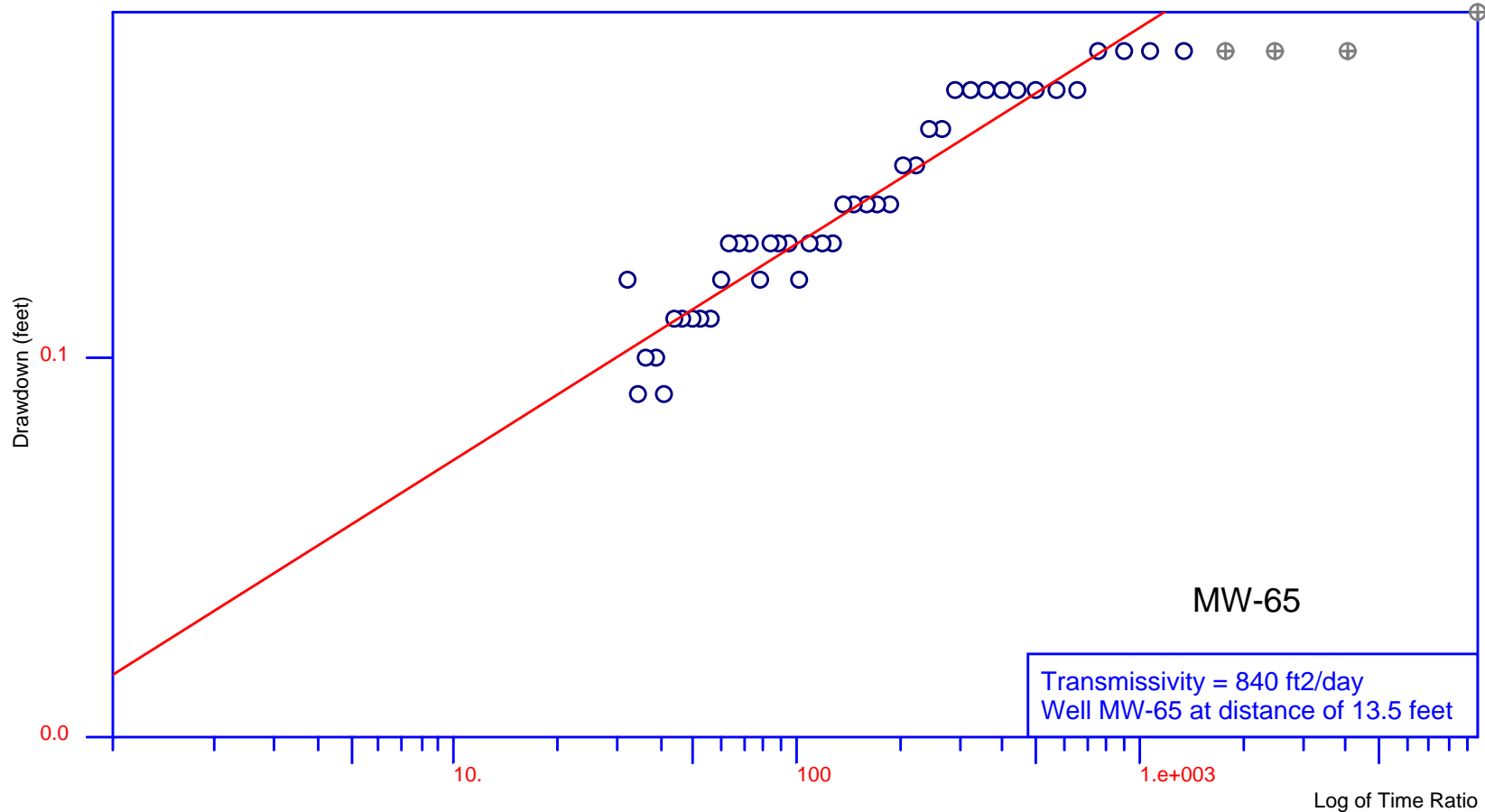
Ft. Smith, AR  
Project Number: 0048030 for Whirlpool Corp.  
Analyzed by Starpoint Software  
MW-35R Pump Test April 4-5, 2006

## MW-35R Pump Test April 4-5, 2006

Ft. Smith, AR

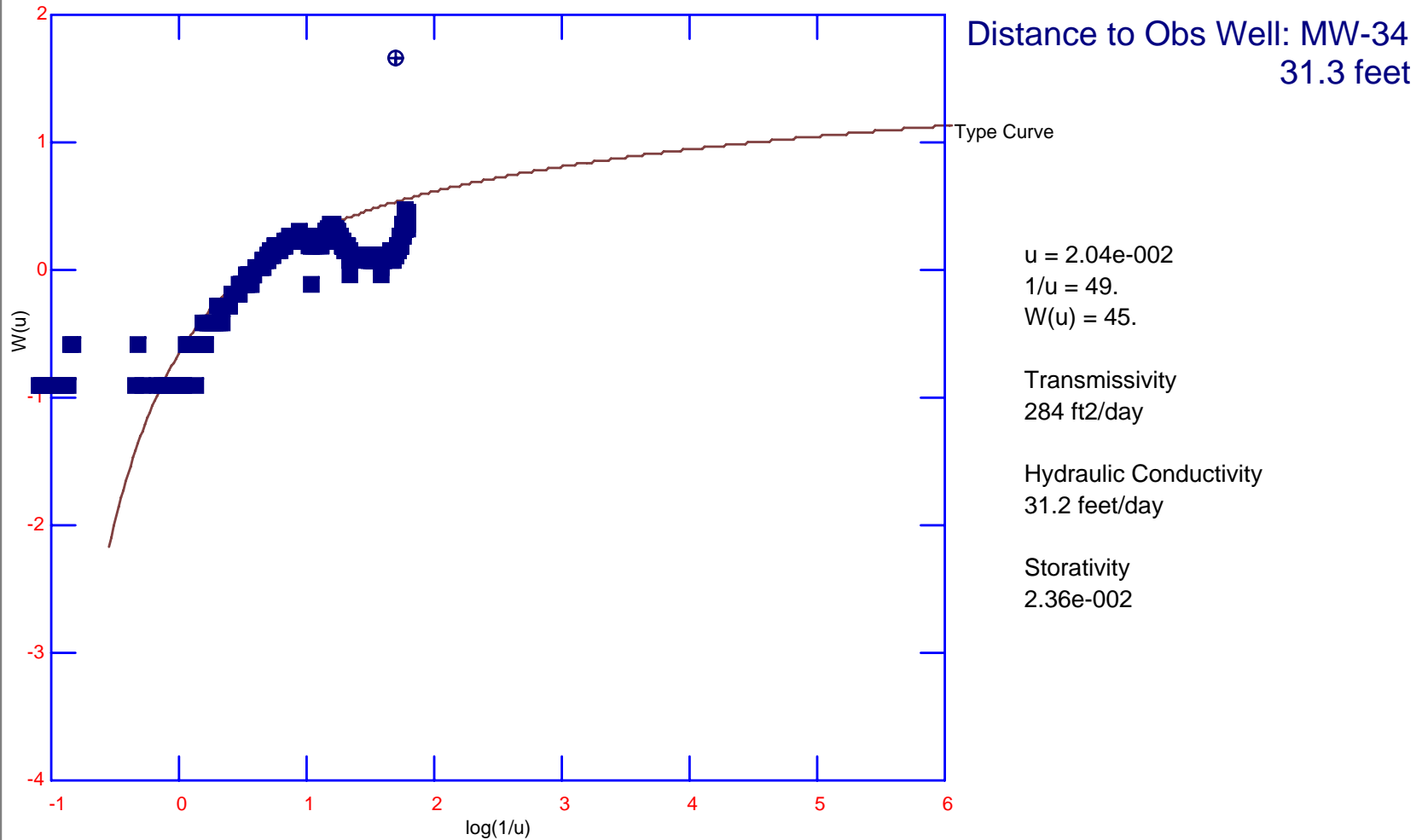
## Theis Recovery

Pumping Well MW-35R



Project Number: 0048030 for Whirlpool Corp.  
Analyzed by Starpoint Software

## Theis Type Curve MW-35R Pump Test April 4-5, 2006



Ft. Smith, AR

Project Number: 0048030 for Whirlpool Corp.

Analyzed by Starpoint Software

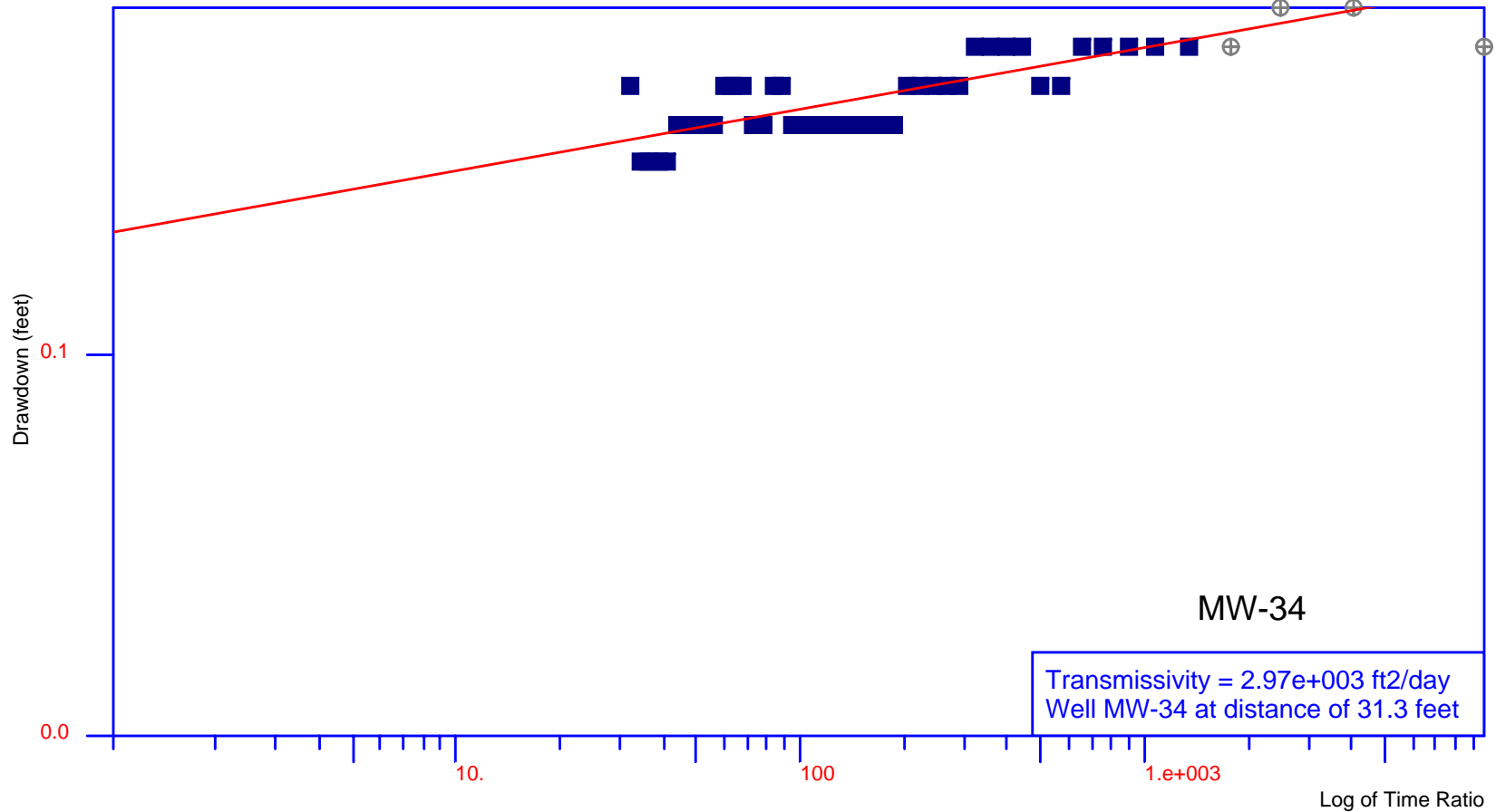
MW-35R Pump Test April 4-5, 2006

## MW-35R Pump Test April 4-5, 2006

Ft. Smith, AR

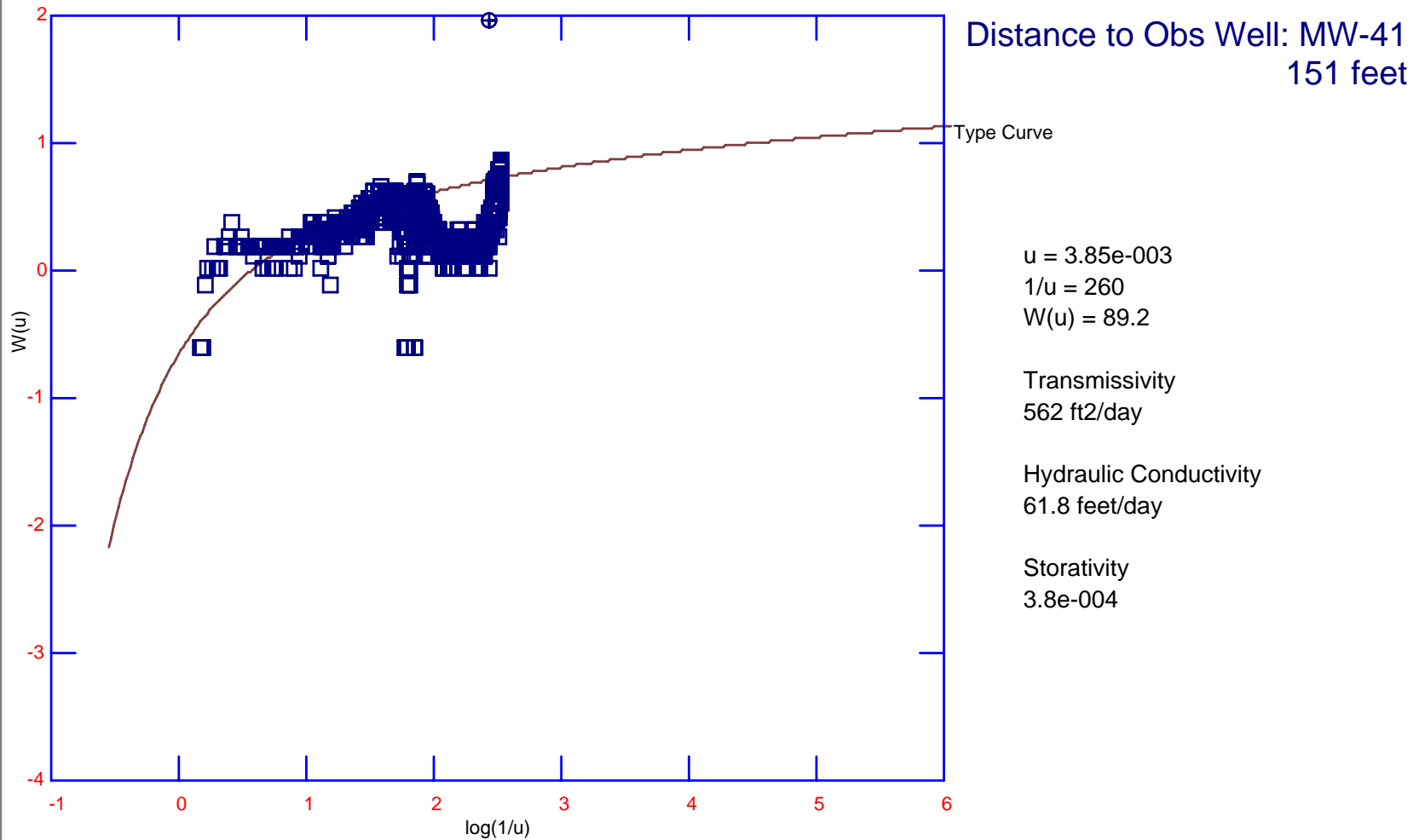
## Theis Recovery

Pumping Well MW-35R



Project Number: 0048030 for Whirlpool Corp.  
Analyzed by Starpoint Software

## Theis Type Curve MW-35R Pump Test April 4-5, 2006



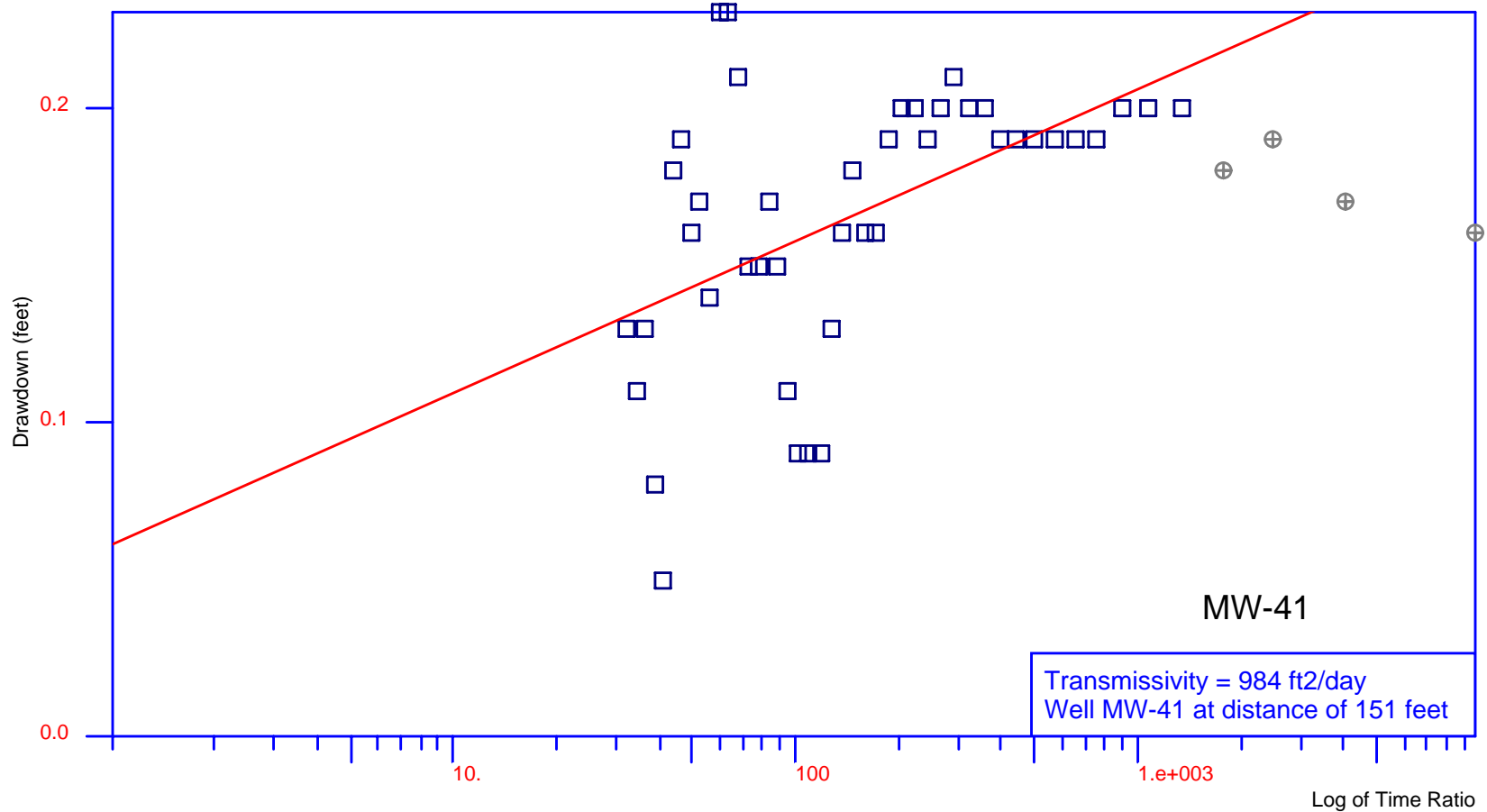
Ft. Smith, AR  
Project Number: 0048030 for Whirlpool Corp.  
Analyzed by Starpoint Software  
MW-35R Pump Test April 4-5, 2006

## MW-35R Pump Test April 4-5, 2006

Ft. Smith, AR

## Theis Recovery

Pumping Well MW-35R



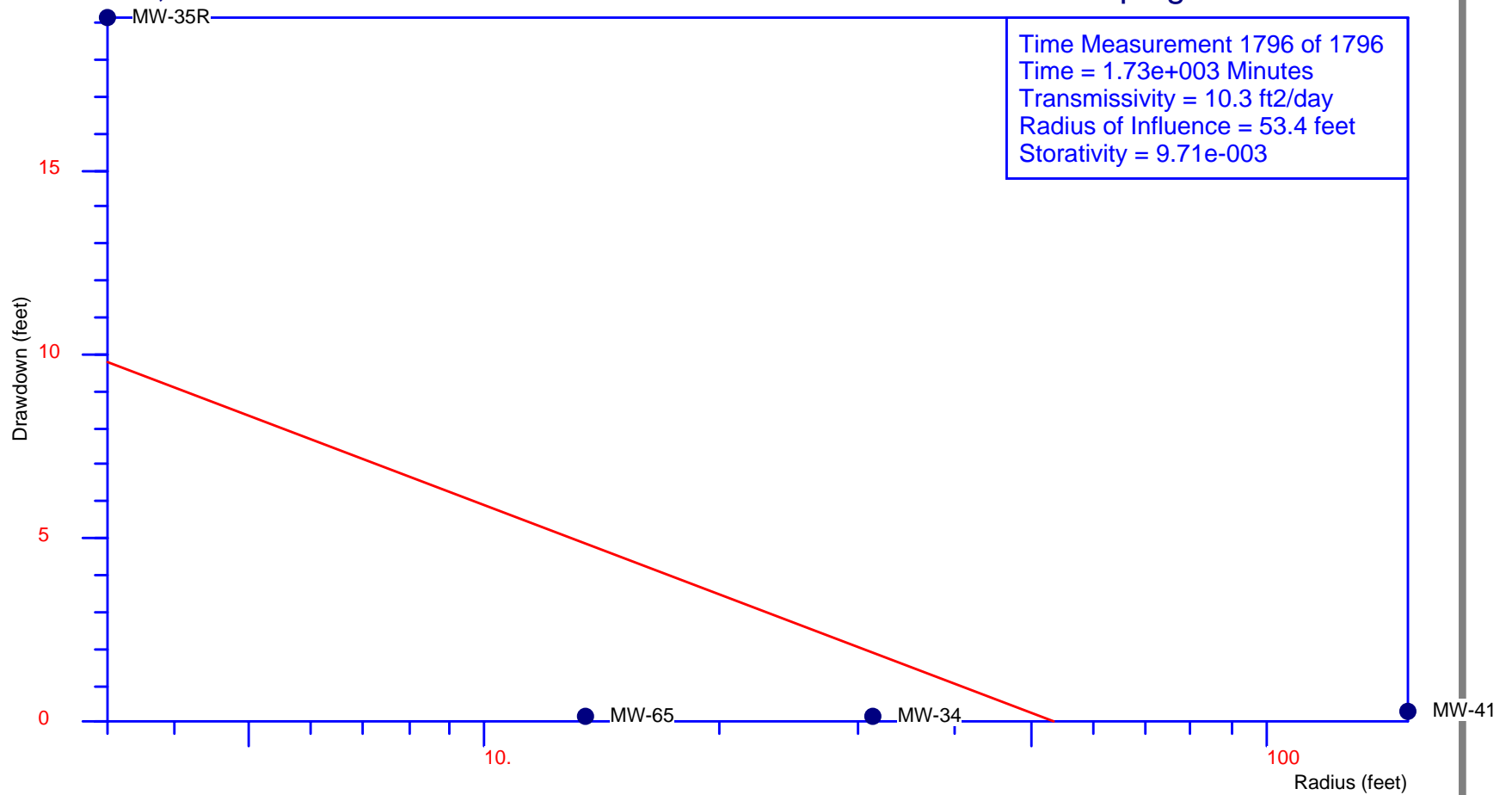
Project Number: 0048030 for Whirlpool Corp.  
Analyzed by Starpoint Software

## MW-35R Pump Test April 4-5, 2006

Ft. Smith, AR

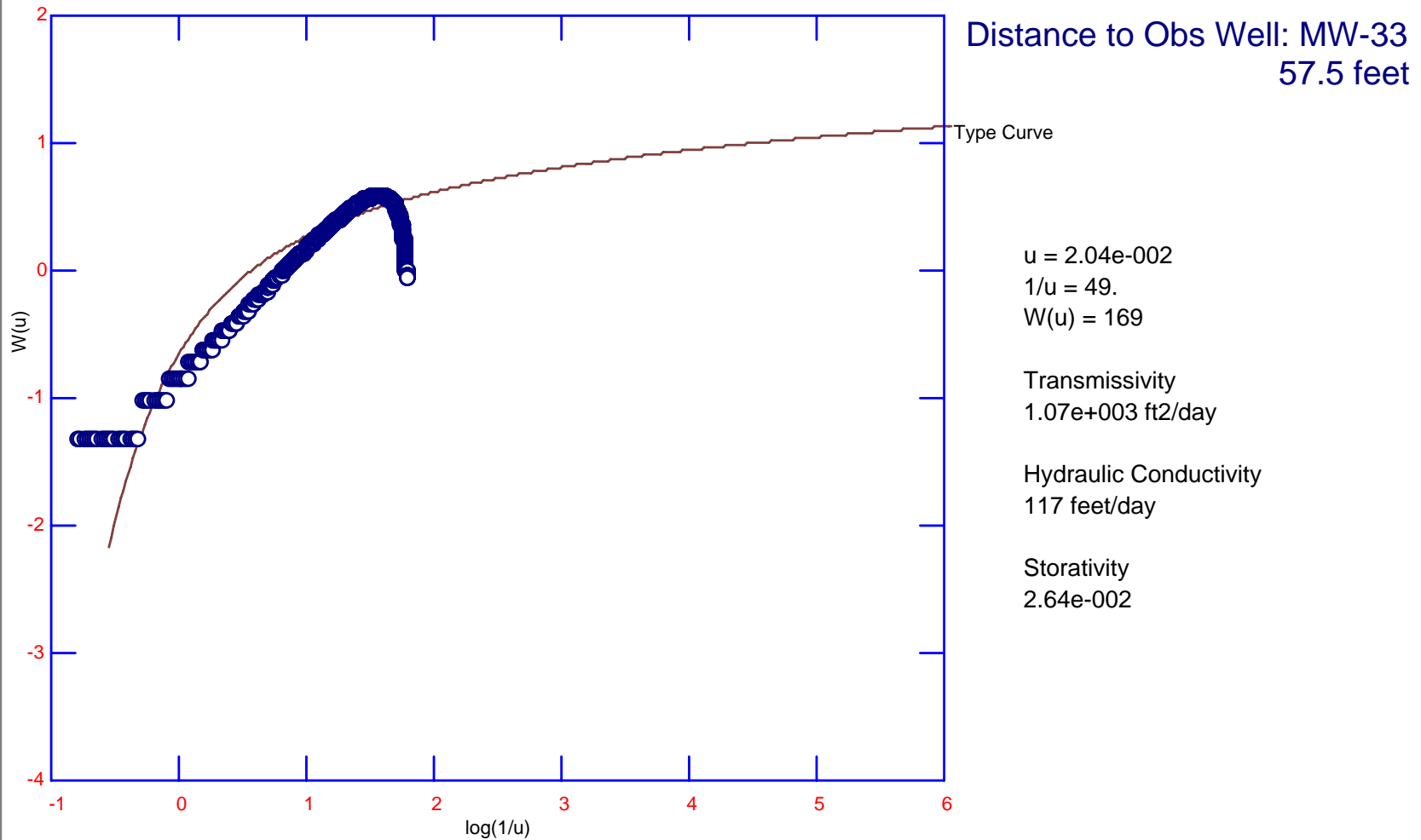
## Distance-Drawdown

Pumping Well MW-35R



Project Number: 0048030 for Whirlpool Corp.  
Analyzed by Starpoint Software

## Theis Type Curve MW-35R Pump Test April 4-5, 2006



Ft. Smith, AR

Project Number: 0048030 for Whirlpool Corp.

Analyzed by Starpoint Software

MW-35R Pump Test April 4-5, 2006

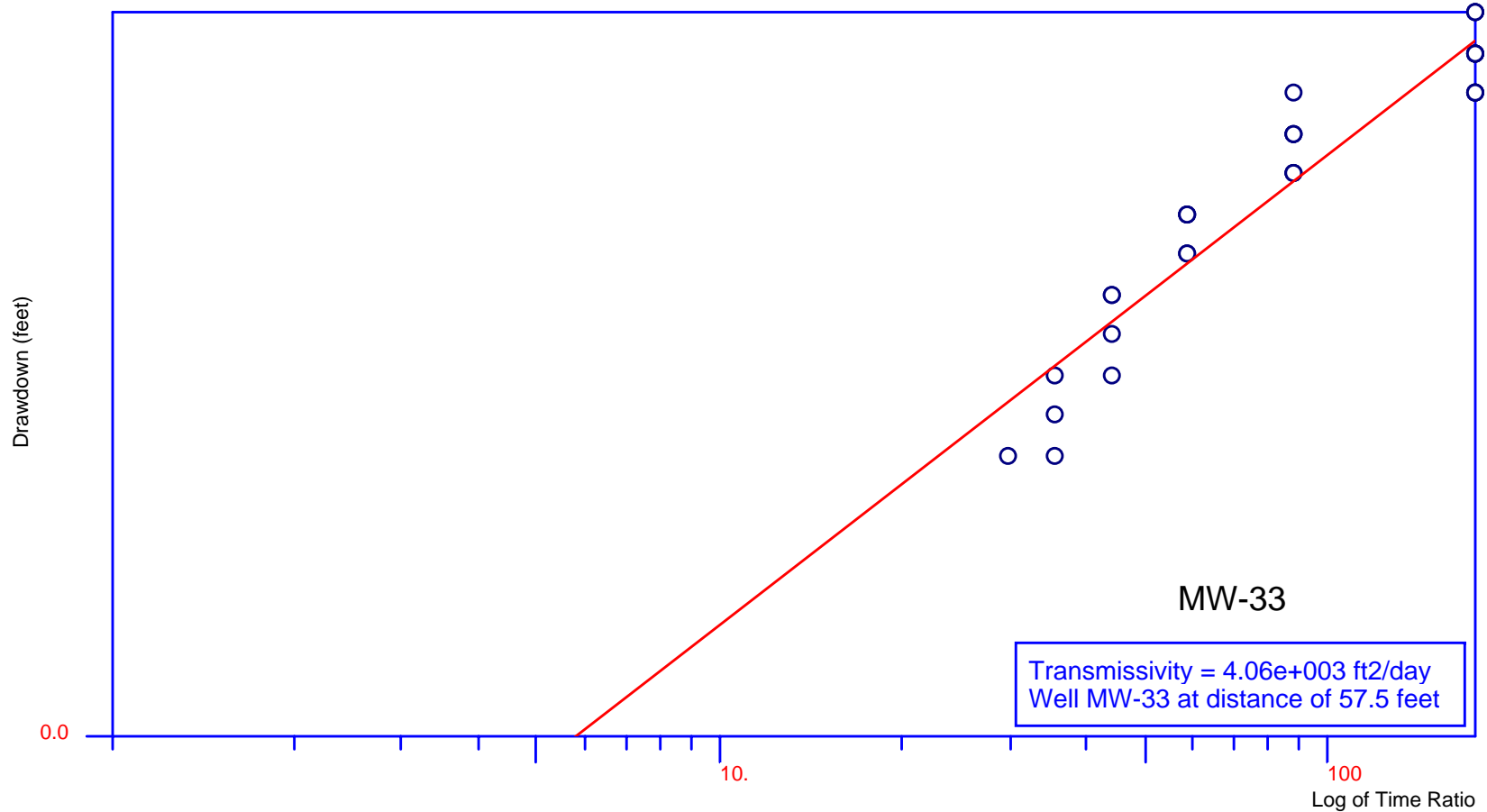


# MW-35R Pump Test April 4-5, 2006

Ft. Smith, AR

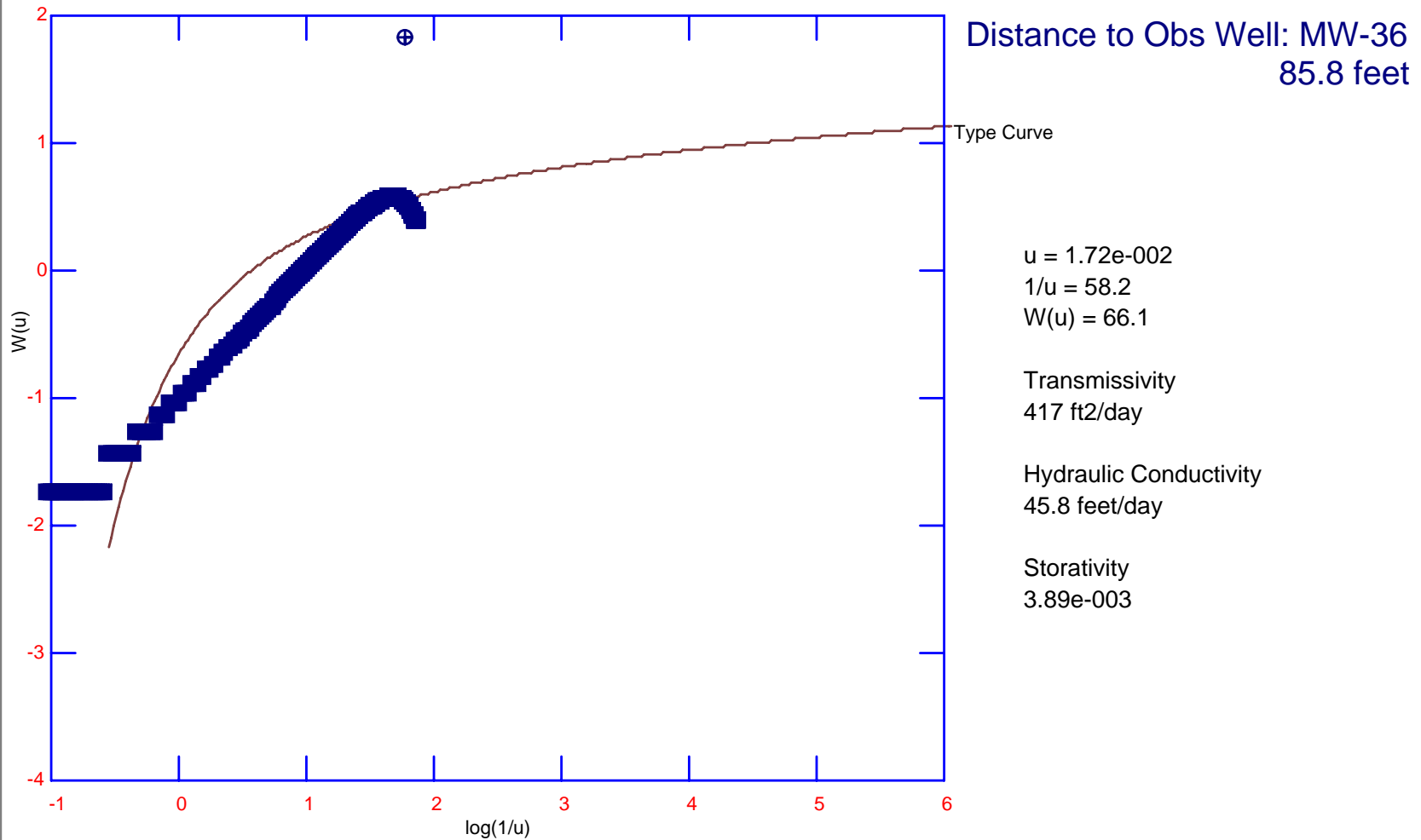
## Theis Recovery

Pumping Well MW-35R



Project Number: 0048030 for Whirlpool Corp.  
Analyzed by Starpoint Software

## Theis Type Curve MW-35R Pump Test April 4-5, 2006



Ft. Smith, AR

Project Number: 0048030 for Whirlpool Corp.

Analyzed by Starpoint Software

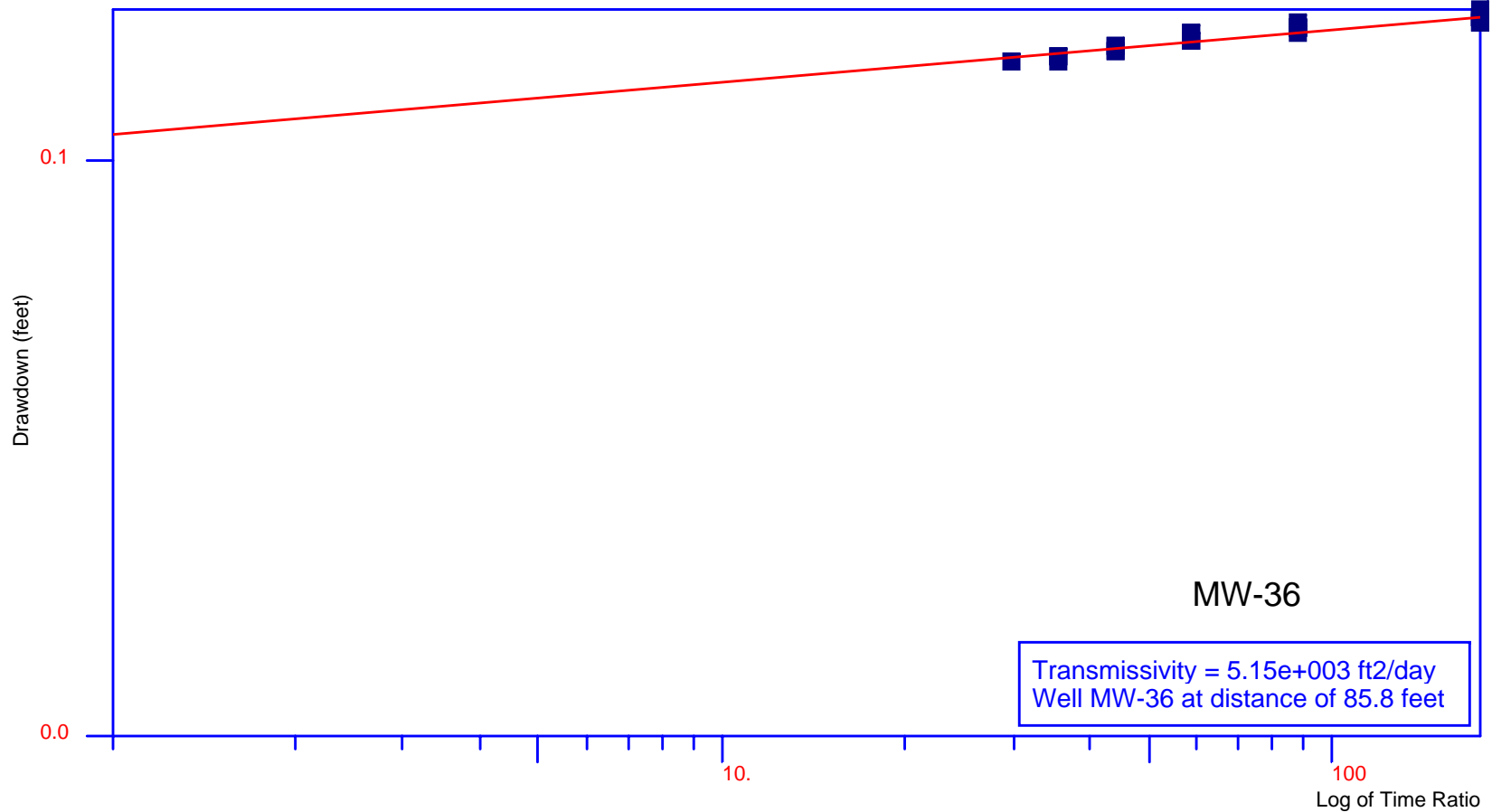
MW-35R Pump Test April 4-5, 2006

## MW-35R Pump Test April 4-5, 2006

Ft. Smith, AR

## Theis Recovery

Pumping Well MW-35R



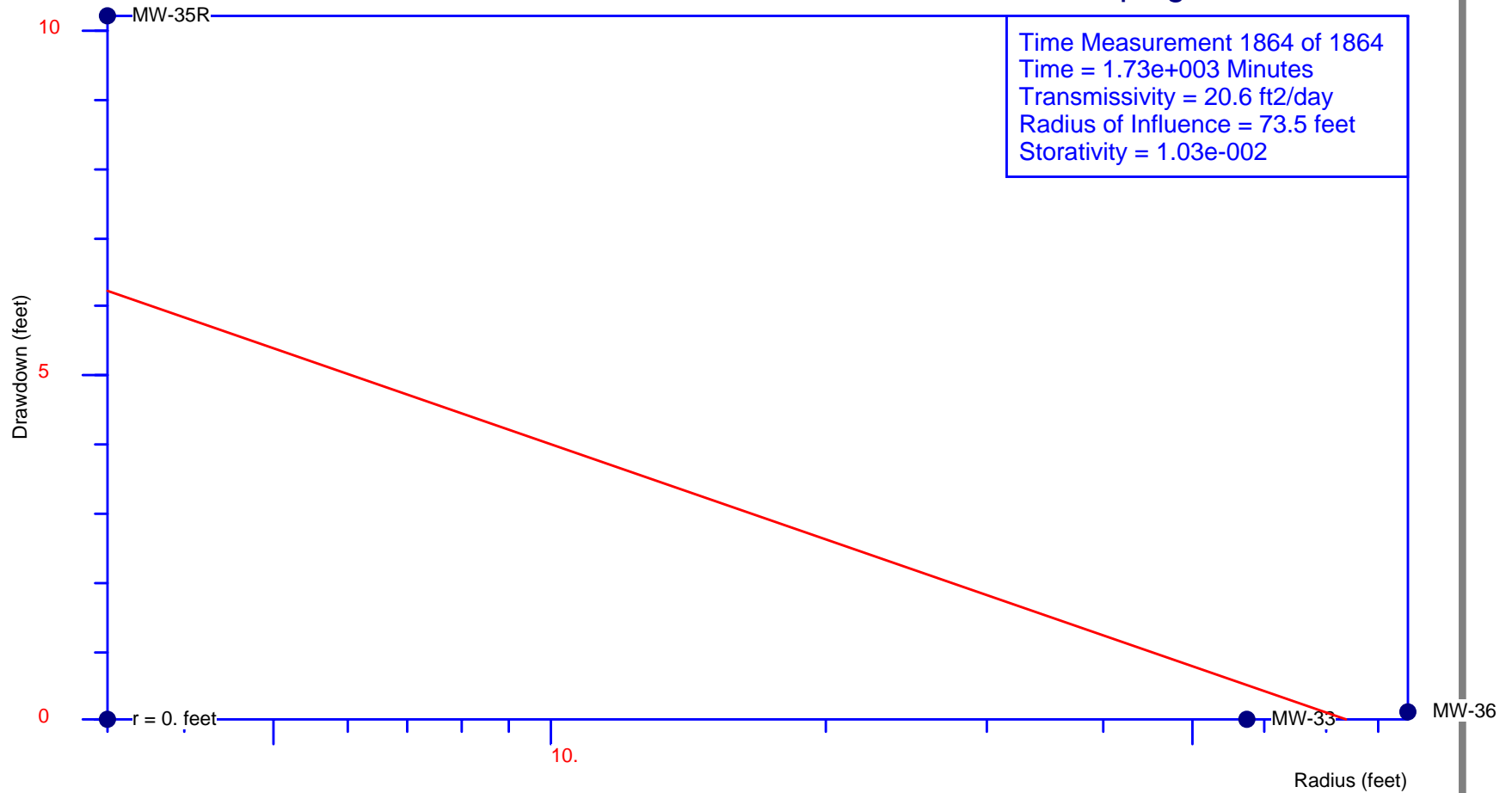
Project Number: 0048030 for Whirlpool Corp.  
Analyzed by Starpoint Software

## MW-35R Pump Test April 4-5, 2006

Ft. Smith, AR

## Distance-Drawdown

Pumping Well MW-35R

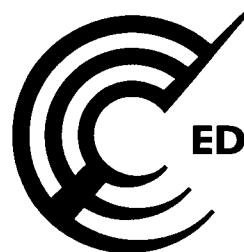


Project Number: 0048030 for Whirlpool Corp.  
Analyzed by Starpoint Software

**Environmental Data Resources, Inc. Geotcheck® Report**  
*Appendix C*

*August 30, 2006*  
*Project No. 0014507*

**Environmental Resources Management**  
15810 Park Ten Place, Suite 300  
Houston, Texas 77084-5140  
(281) 600-1000



**EDR®** Environmental  
Data Resources Inc

## **The EDR GeoCheck® Report**

**Whirlpool Corp  
6400 Jenny Lind Road  
Fort Smith, AR 72908**

**Inquiry Number: 1669115.1s**

**May 04, 2006**

## **The Standard in Environmental Risk Management Information**

**440 Wheelers Farms Road  
Milford, Connecticut 06461**

### **Nationwide Customer Service**

**Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)**

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*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## **GEOCHECK® - PHYSICAL SETTING SOURCE REPORT**

### **TARGET PROPERTY ADDRESS**

WHIRLPOOL CORP  
6400 JENNY LIND ROAD  
FORT SMITH, AR 72908

### **TARGET PROPERTY COORDINATES**

Latitude (North):	35.32240 - 35° 19' 20.6"
Longitude (West):	94.4137 - 94° 24' 49.3"
Universal Transverse Mercator:	Zone 15
UTM X (Meters):	371498.2
UTM Y (Meters):	3909515.0
Elevation:	469 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	35094-C4 SOUTH FORT SMITH, OK
Most Recent Revision:	1987

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

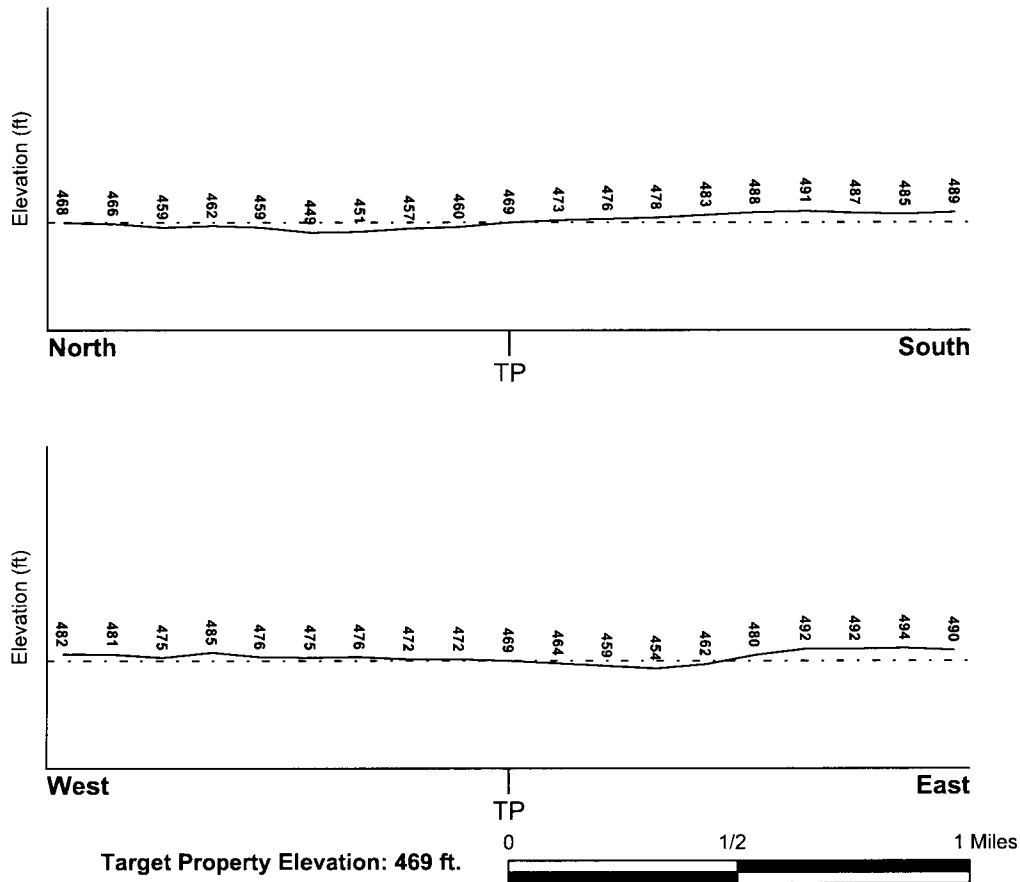
### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### **FEMA FLOOD ZONE**

Target Property County  
SEBASTIAN, AR

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0550130015D

Additional Panels in search area: 0504620010B

### **NATIONAL WETLAND INVENTORY**

NWI Quad at Target Property  
SOUTH FORT SMITH

NWI Electronic  
Data Coverage  
Not Available

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era: Paleozoic  
System: Pennsylvanian  
Series: Des Moinesian Series  
Code: PP2 (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: FALKNER

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 0.60 Min: 0.20	Max: 6.00 Min: 4.50
2	6 inches	21 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 6.00 Min: 4.50
3	21 inches	65 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 6.50 Min: 4.50

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam

Surficial Soil Types: loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: silty clay loam  
very gravelly - loam  
silt loam

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	1.000
State Database	1.000

### **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

### **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

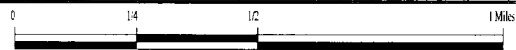
### **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 1669115.1s



- County Boundary
- Major Roads
- Contour Lines
- Power transmission lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- 100-year flood zone
- 500-year flood zone



SITE NAME: Whirlpool Corp  
 ADDRESS: 6400 Jenny Lind Road  
 Fort Smith AR 72908  
 LAT/LONG: 35.3224 / 94.4137

CLIENT: ERM - Southwest, Inc.  
 CONTACT: Doss Barker  
 INQUIRY #: 1669115.1s  
 DATE: May 04, 2006

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

Federal EPA Radon Zone for SEBASTIAN County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for SEBASTIAN COUNTY, AR

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.668 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.767 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

### **State Wetlands Data: Wetlands, Swamps, or Marshes**

Source: Center for Advanced Spatial Technologies, University of Arkansas

Telephone: 605-594-6933

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>®</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### **PWS:** Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### **PWS ENF:** Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### **USGS Water Wells:** USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### **Arkansas Community Public Water Systems**

Source: Health Department

Telephone: 501-661-2623

## OTHER STATE DATABASE INFORMATION

### RADON

#### **Area Radon Information**

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### **EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### **Airport Landing Facilities:** Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### **Epicenters:** World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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**Boring Logs from Arkansas USGS Office Well Search**  
*Appendix D*

*August 30, 2006*  
*Project No. 0014507*

**Environmental Resources Management**  
15810 Park Ten Place, Suite 300  
Houston, Texas 77084-5140  
(281) 600-1000

**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

*SE of 4000 ft  
dug well*

<b>A</b> 1 Contractor Name & Number: <u>Horizon Environmental Drilling C# 1380</u>					<b>10</b> LOCATE WITH 'X' IN SECTION BELOW 
2 Driller Name & Number: <u>Mike Sever</u> D# <u>2384</u>					
3 Pump Installer Name & Number: _____ P# _____					
4 Date Well Completed: <u>8-19-98</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>					
5 COUNTY <u>Sebastian</u>	6 FRACTION <u>SE</u> 1/4 of <u>SE</u> 1/4 of	7 SECTION <u>4</u>	8 TOWNSHIP <u>7N</u>	9 RANGE <u>32W</u>	
11 LONGITUDE <u>94</u> ° <u>40</u> ' <u>68</u> "		11 LATITUDE <u>35</u> ° <u>31</u> ' <u>35</u> "			

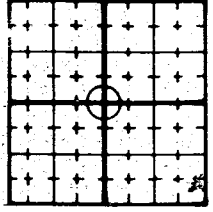
B1 DESCRIPTION OF FORMATION:		DEPTHS IN FEET	
	FROM	TO	
Fill	0	8	
sandy clay	8	12	
sandy clay w/ gravels	12	15	
ATTACH ADDITIONAL SHEETS IF NECESSARY			
2 TOTAL DEPTH OF WELL		<u>15</u> ft	
3 DEPTHS TO WATER PRODUCING FORMATIONS		<u>8</u>	
4 STATIC WATER LEVEL		Ft below land surface	
5 YIELD		gallons per <input type="checkbox"/> min <input type="checkbox"/> hr	
6 DIAMETER OF BORE HOLE		<u>8.75</u> IN	

C PUMP REPORT	
1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>	
2 SETTING DEPTH: FEET	
3 BRAND NAME AND SERIAL NUMBERS:	
4 RATED CAPACITY gallons per minute	
5 TYPE LUBRICATION	
6 DROP PIPE OR COLUMN PIPE SIZE	
7 WIRE SIZE	
8 PRESSURE TANK . . . SIZE, MAKE, MODEL	
9 DATE OF INSTALLATION OR REPAIR	
10 Is there an abandoned water well on the property?	

<b>D1</b> LAND OWNER OR OTHER CONTACT PERSON: NAME <u>Chris Whit</u> STREET ADDRESS <u>7400 S. 28th St.</u> CITY <u>Ft. Smith, AR 72903</u>	
2 CASING	FROM <u>0</u> TO <u>5</u> W/ <u>2"</u> ID FROM _____ TO _____ W/ _____ ID TYPE CASING: <u>PVC</u>
3 SCREEN	TYPE: <u>PVC</u> DIA <u>2"</u> SLOT/GA <u>010</u> SET FROM <u>5</u> FT TO <u>15</u> FT TYPE: _____ DIA _____ SLOT/GA _____ SET FROM _____ FT TO _____ FT
4 GRAVEL PACK	FROM <u>4</u> FT TO <u>15</u> FT
5 BACK FILLED WITH:	<u>Hoteply</u> FROM <u>2</u> FT TO <u>4</u> FT
6 SEALED WITH:	<u>cement</u> FROM <u>0</u> FT TO <u>2</u> FT FROM _____ FT TO _____ FT
7 DISINFECTED WITH:	
8 USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input checked="" type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____	
(A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/>	
9 (For A/C only) Will system also be used for purposes other than Heating or Air Conditioning? If yes, name use: _____ yes <input type="checkbox"/> no <input type="checkbox"/>	
10 (For A/C open-loop only) Into what medium is water returned?	
11 REMARKS <u>MCW-3</u>	
12 SIGNED	<u>Mike Sever</u> DATE <u>8/26/98</u>

STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION

~ 4500 ft  
SE of on-grid  
well

<b>A</b> 1 Contractor Name & Number: <u>Horizon Environmental Drilling C# 1380</u> 2 Driller Name & Number: <u>Mike Sever D# 2384</u> 3 Pump Installer Name & Number: _____ P# _____ 4 Date Well Completed: <u>8-20-98</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>					10 LOCATE WITH 'X' IN SECTION BELOW 				
5 COUNTY: <u>Sebastian</u>		6 FRACTION: <u>SE</u> 1/4 of <u>SE</u> 1/4 of		7 SECTION: <u>4</u>		8 TOWNSHIP: <u>7N</u>		9 RANGE: <u>32W</u>	
11 LONGITUDE: <u>97° 40' 68"</u>				11 LATITUDE: <u>35° 31' 35"</u>					

<b>B1</b> DESCRIPTION OF FORMATION: DEPTHS IN FEET <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td><u>stiff clay</u></td> <td><u>0</u></td> <td><u>8</u></td> </tr> <tr> <td><u>tan weathered shale</u></td> <td><u>8</u></td> <td><u>18</u></td> </tr> <tr> <td><u>gray shale</u></td> <td><u>18</u></td> <td><u>32.2</u></td> </tr> </tbody> </table> <p>ATTACH ADDITIONAL SHEETS IF NECESSARY.</p>		FROM	TO	<u>stiff clay</u>	<u>0</u>	<u>8</u>	<u>tan weathered shale</u>	<u>8</u>	<u>18</u>	<u>gray shale</u>	<u>18</u>	<u>32.2</u>	<b>D1</b> LAND OWNER OR OTHER CONTACT PERSON: NAME: <u>Chris Whitt</u> STREET ADDRESS: <u>7400 S. 28th St.</u> CITY: <u>Ft. Smith, AR 72903</u> 2 CASING FROM <u>0</u> TO <u>22.2</u> W/ <u>2"</u> "ID FROM _____ TO _____ W/ _____ "ID TYPE CASING: <u>PVC</u> 3 SCREEN TYPE: <u>PVC</u> DIA <u>2"</u> SLOT/GA <u>.010</u> SET FROM <u>22.2</u> FT TO <u>32.2</u> FT TYPE: _____ DIA _____ SLOT/GA _____ SET FROM _____ FT TO _____ FT 4 GRAVEL PACK FROM <u>20</u> FT TO <u>32.2</u> FT 5 BACK FILLED WITH: <u>hole plug</u> FROM <u>10</u> FT TO <u>20</u> FT 6 SEALED WITH: <u>Cement grout</u> FROM <u>0</u> FT TO <u>17</u> FT FROM _____ FT TO _____ FT 7 DISINFECTED WITH: _____ 8 USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input checked="" type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____ (A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/> 9 (For A/C only) Will system also be used for purposes other than Heating or Air Conditioning? If yes, name use _____ yes <input type="checkbox"/> no <input type="checkbox"/> 10 (For A/C open-loop only) Into what medium is water returned? 11 REMARKS: <u>MW-1</u> 12 SIGNED: <u>Mal Jan</u> DATE: <u>8/26/98</u>
	FROM	TO											
<u>stiff clay</u>	<u>0</u>	<u>8</u>											
<u>tan weathered shale</u>	<u>8</u>	<u>18</u>											
<u>gray shale</u>	<u>18</u>	<u>32.2</u>											

<b>C</b> PUMP REPORT	
1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>	
2 SETTING DEPTH: _____ FEET	
3 BRAND NAME AND SERIAL NUMBERS: _____	
4 RATED CAPACITY _____ gallons per minute	
5 TYPE LUBRICATION _____	
6 DROP PIPE OR COLUMN PIPE SIZE _____	
7 WIRE SIZE _____	
8 PRESSURE TANK SIZE, MAKE, MODEL _____	
9 DATE OF INSTALLATION OR REPAIR _____	
10 Is there an abandoned water well on the property? _____	

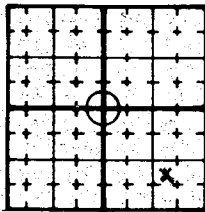
STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION

2 4000 ft  
SE of dug  
well

<b>A</b> 1 Contractor Name & Number: <u>Horizon Environmental Drilling #1380</u> 2 Driller Name & Number: <u>Mike Sewer</u> D# <u>2384</u> 3 Pump Installer Name & Number: _____ P# _____ 4 Date Well Completed: <u>8-20-98</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>						10 LOCATE WITH 'X' IN SECTION BELOW 																	
5 COUNTY: <u>Sebastian</u> 6 FRACTION: <u>SE</u> 7 SECTION: <u>4</u> 8 TOWNSHIP: <u>7N</u> 9 RANGE: <u>32W</u>																							
LONGITUDE: <u>94° 40' 68"</u> LATITUDE: <u>35° 31' 35"</u>																							
<b>B</b> 1 DESCRIPTION OF FORMATION: DEPTHS IN FEET				<b>D</b> 1 LAND OWNER OR OTHER CONTACT PERSON:																			
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	FROM	TO																					
st. ff clay, some																							
silt	0	8																					
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	8	15																					
grey shale	15	32.8																					
ATTACH ADDITIONAL SHEETS IF NECESSARY				2 CASING FROM <u>0</u> TO <u>22.8</u> W/ <u>2</u> "ID FROM <u>0</u> TO <u>22.8</u> W/ <u>2</u> "ID TYPE CASING: <u>PVC</u>																			
2 TOTAL DEPTH OF WELL: <u>32.8</u> ft				3 SCREEN <u>PVC</u> DIA <u>2"</u> SLOT/GA <u>0.10</u> SET FROM <u>22.8</u> FT TO <u>32.8</u> FT TYPE: _____ DIA _____ SLOT/GA _____ SET FROM _____ FT TO _____ FT																			
3 DEPTHS TO WATER PRODUCING FORMATIONS: <u>~ 25'</u>				4 GRAVEL PACK FROM <u>20</u> FT TO <u>32.8</u> FT																			
4 STATIC WATER LEVEL: <u>8</u> Ft below land surface				5 BACK FILLED WITH: <u>hole plug</u> FROM <u>17</u> FT TO <u>20</u> FT																			
5 YIELD: _____ gallons per <input type="checkbox"/> min <input type="checkbox"/> hr				6 SEALED WITH: <u>cement grout</u> FROM <u>0</u> FT TO <u>17</u> FT FROM _____ FT TO _____ FT																			
6 DIAMETER OF BORE HOLE: <u>8.75</u> IN				7 DISINFECTED WITH: _____																			
<b>C</b> PUMP REPORT				8 USE OF WELL:																			
1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>				DOMESTIC <input type="checkbox"/> COMMERCIAL <input checked="" type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input checked="" type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____																			
2 SETTING DEPTH: _____ FEET				(A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/>																			
3 BRAND NAME AND SERIAL NUMBERS: _____				9 (For A/C only) Will system also be used for purposes other than Heating or Air Conditioning? If yes, name use: _____ yes <input type="checkbox"/> no <input type="checkbox"/>																			
4 RATED CAPACITY: _____ gallons per minute				10 (For A/C open-loop only) Into what medium is water returned?																			
5 TYPE LUBRICATION: _____				11 REMARKS: <u>MW-2</u>																			
6 DROP PIPE OR COLUMN PIPE SIZE: _____				12 SIGNED: <u>Mike Jan</u> DATE: <u>8/26/98</u>																			
7 WIRE SIZE: _____																							
8 PRESSURE TANK: _____ SIZE, MAKE, MODEL																							
9 DATE OF INSTALLATION OR REPAIR: _____																							
10 Is there an abandoned water well on the property?																							

STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION

~ 4500 ft  
SE of dryd  
well

<b>A</b> 1 Contractor Name & Number: <u>Horizon Environmental Drilling Co #1380</u> 2 Driller Name & Number: <u>Mike Swer</u> D# <u>2384</u> 3 Pump Installer Name & Number: _____ P# _____ 4 Date Well Completed: <u>8-19-98</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>						10 LOCATE WITH 'X' IN SECTION BELOW 			
5 COUNTY <u>Sebastian</u>		6 FRACTION <u>SE 1/4 of SE 1/4 of</u>		7 SECTION <u>4</u>		8 TOWNSHIP <u>7N</u>		9 RANGE <u>32W</u>	
11 LONGITUDE <u>94° 40' 68"</u>				11 LATITUDE <u>35° 31' 35"</u>					

<b>B</b> 1 DESCRIPTION OF FORMATION: DEPTHS IN FEET <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td><u>MW-4</u></td> <td></td> <td></td> </tr> <tr> <td><u>Fill</u></td> <td><u>0</u></td> <td><u>8</u></td> </tr> <tr> <td><u>sandy clay</u></td> <td><u>8</u></td> <td><u>12</u></td> </tr> <tr> <td><u>gravelly sandy</u></td> <td><u>12</u></td> <td><u>15</u></td> </tr> <tr> <td><u>clay</u></td> <td></td> <td></td> </tr> </tbody> </table> <p>ATTACH ADDITIONAL SHEETS IF NECESSARY</p>		FROM	TO	<u>MW-4</u>			<u>Fill</u>	<u>0</u>	<u>8</u>	<u>sandy clay</u>	<u>8</u>	<u>12</u>	<u>gravelly sandy</u>	<u>12</u>	<u>15</u>	<u>clay</u>			<b>D</b> 1 LAND OWNER OR OTHER CONTACT PERSON: NAME <u>Chris Whitt</u> STREET ADDRESS <u>7400 S. 28th St.</u> CITY <u>Ft. Smith, AR 72903</u> 2 CASING FROM <u>0</u> TO <u>5</u> W/ <u>2"</u> "ID FROM TO W/ "ID TYPE CASING: <u>2" pvc</u> 3 SCREEN TYPE: <u>pvc</u> DIA <u>2"</u> SLOT/GA <u>.010</u> SET FROM <u>5</u> FT TO <u>15</u> FT TYPE: DIA SLOT/GA SET FROM FT TO FT 4 GRAVEL PACK FROM <u>4</u> FT TO <u>15</u> FT 5 BACK FILLED WITH: <u>Hole plug</u> FROM <u>2</u> FT TO <u>4</u> FT 6 SEALED WITH: <u>Cement</u> FROM <u>0</u> FT TO <u>2</u> FT FROM FT TO FT 7 DISINFECTED WITH: 8 USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input checked="" type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____ (A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/> 9 (For A/C only) Will system also be used for purposes other than Heating or Air Conditioning? If yes, name use: _____ yes <input type="checkbox"/> no <input type="checkbox"/> 10 (For A/C open-loop only) Into what medium is water returned? 11 REMARKS <u>MW-4</u> 12 SIGNED <u>Mike Swer</u> DATE <u>8/26/98</u>
	FROM	TO																	
<u>MW-4</u>																			
<u>Fill</u>	<u>0</u>	<u>8</u>																	
<u>sandy clay</u>	<u>8</u>	<u>12</u>																	
<u>gravelly sandy</u>	<u>12</u>	<u>15</u>																	
<u>clay</u>																			

<b>C</b> PUMP REPORT 1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/> 2 SETTING DEPTH: FEET 3 BRAND NAME AND SERIAL NUMBERS: 4 RATED CAPACITY gallons per minute 5 TYPE LUBRICATION 6 DROP PIPE OR COLUMN PIPE SIZE 7 WIRE SIZE 8 PRESSURE TANK . . . SIZE, MAKE, MODEL 9 DATE OF INSTALLATION OR REPAIR 10 Is there an abandoned water well on the property?	
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## STATE OF ARKANSAS

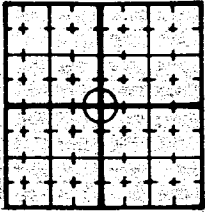
# REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION

<b>A</b> 1 Contractor Name & Number: <u>WILLIAMS DRILLING CO</u> 2 Driller Name & Number: <u>HURCEL WILLIAMS</u> 3 Pump Installer Name & Number: _____ 4 Date Well Completed: <u>9-27-94</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>		10 LOCATE WITH 'X' IN SECTION BELOW <div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto; position: relative;"><div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black; border-style: dashed;"></div><div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;">X</div></div>																																										
			5 COUNTY: <u>SEB</u> 6 FRACTION: <u>1/4 of</u> 7 SECTION: <u>5</u> 8 TOWNSHIP: <u>7N</u> 9 RANGE: <u>32W</u>																																									
			11 LONGITUDE: _____ 11 LATITUDE: _____																																									
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NAME: Ron Monks																																												
STREET ADDRESS: Td OFF Driving Range																																												
CITY: Rye Hill Fort Smith, AR 72901																																												
2 CASING FROM TO W/ "ID																																												
FROM gr TO 20' W/ 6" "ID																																												
TYPE CASING: PVC																																												
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11 REMARKS																																												
12 SIGNED: <i>Hurcel Williams</i> DATE: 12-26-94																																												



Waring Township

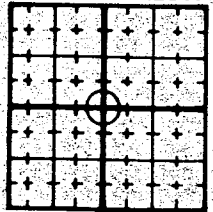
**STATE OF ARKANSAS**  
**REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

<b>A</b> 1 Contractor Name & Number: <u>THOMAS DRILLING</u> C# <u>2212</u> 2 Driller Name & Number: <u>CLINTON THOMAS</u> D# <u>1238</u> 3 Pump Installer Name & Number: _____ P# _____ 4 Date Well Completed: <u>5-11-04</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>		10 LOCATE WITH 'X' IN SECTION BELOW 																							
5 COUNTY <u>Sebastian</u> FRACTION <u>SW</u> 1/4 of <u>SE</u> 1/4 of <u>32</u> 7 SECTION <u>8N</u> 8 TOWNSHIP <u>32W</u> 9 RANGE 11 LONGITUDE <u>35° 39' 29"</u> LATITUDE <u>094° 11' 50"</u>																									
<b>B</b> 1 DESCRIPTION OF FORMATION: DEPTHS IN FEET <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>CLAY</td> <td>0</td> <td>10</td> </tr> <tr> <td>SANDSTONE</td> <td>10</td> <td>30</td> </tr> <tr> <td>SHALE</td> <td>30</td> <td>90</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> ATTACH ADDITIONAL SHEETS IF NECESSARY 2 TOTAL DEPTH OF WELL: <u>92 1/2</u> ft 3 DEPTHS TO WATER PRODUCING FORMATIONS: <u>38'</u> 4 STATIC WATER LEVEL: <u>20'</u> Ft below land surface 5 YIELD: <u>600</u> gallons per <input type="checkbox"/> min <input checked="" type="checkbox"/> hr 6 DIAMETER OF BORE HOLE: <u>6</u> IN		FROM	TO	CLAY	0	10	SANDSTONE	10	30	SHALE	30	90													<b>D</b> 1 LAND OWNER OR OTHER CONTACT PERSON: NAME <u>MR+MRS Phillip Snider</u> STREET ADDRESS <u>4320 N. 32nd. St.</u> CITY <u>FT. SMITH, AR, 72904</u> 2 CASING FROM <u>0</u> TO <u>16</u> W/ <u>6 1/8"</u> ID FROM TO W/ "ID TYPE CASING: <u>P.V.C.</u> 3 SCREEN TYPE: DIA SLOT/GA SET FROM FT TO FT TYPE: DIA SLOT/GA SET FROM FT TO FT 4 GRAVEL PACK FROM FT TO FT 5 BACK FILLED WITH: <u>CEMENT</u> FROM <u>0</u> FT TO <u>15</u> FT 6 SEALED WITH: <u>CEMENT</u> FROM <u>0</u> FT TO <u>15</u> FT FROM FT TO FT 7 DISINFECTED WITH: <u>CLOROX</u> 8 USE OF WELL DOMESTIC <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____ (A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/> 9 (For A/C only) Will system also be used for purposes other than Heating or Air Conditioning? If yes, name use: _____ yes <input type="checkbox"/> no <input type="checkbox"/> 10 (For A/C open-loop only) Into what medium is water returned? 11 REMARKS 12 SIGNED <u>Clinton Thomas</u> DATE <u>7-24-04</u>
	FROM	TO																							
CLAY	0	10																							
SANDSTONE	10	30																							
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Wings Pumping

**STATE OF ARKANSAS**  
**REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

*Drilling*

<b>A</b> 1 Contractor Name & Number: <u>THOMAS <del>CLINTON</del></u> C# <u>2212</u> 2 Driller Name & Number: <u>CLINTON THOMAS</u> D# <u>1238</u> 3 Pump Installer Name & Number: _____ P# _____ 4 Date Well Completed: <u>5-13-04</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>						<b>10</b> LOCATE WITH 'X' IN SECTION BELOW 	
5 <del>SEBASTIAN</del> 6 FRACTION <u>SW</u> 1/4 of <u>SE</u> 1/4 of <u>32</u> 7 SECTION <u>8N</u> 8 TOWNSHIP <u>32W</u> 9 RANGE		10 LONGITUDE <u>35° 19' 51"</u> 11 LATITUDE <u>094° 25' 41"</u>					

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SHALE	22	75														
SANDSTONE	75	130														
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<b>C</b> PUMP REPORT 1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/> 2 SETTING DEPTH: _____ FEET 3 BRAND NAME AND SERIAL NUMBERS: _____ 4 RATED CAPACITY _____ gallons per minute 5 TYPE LUBRICATION _____ 6 DROP PIPE OR COLUMN PIPE SIZE _____ 7 WIRE SIZE _____ 8 PRESSURE TANK SIZE, MAKE, MODEL _____ 9 DATE OF INSTALLATION OR REPAIR _____ 10 Is there an abandoned water well on the property? _____	ATTACH ADDITIONAL SHEETS IF NECESSARY 2 TOTAL DEPTH OF WELL <u>218'</u> ft 3 DEPTHS TO WATER PRODUCING FORMATIONS: <u>65' + 130'</u> 4 STATIC WATER LEVEL <u>18</u> Ft below land surface 5 YIELD <u>150</u> gallons per <input checked="" type="checkbox"/> min <input type="checkbox"/> hr 6 DIAMETER OF BORE HOLE <u>6</u> IN
--	---

NEW WELL ☒ REPLACEMENT WELL ☐

STATE OF ARKANSAS  
Report of Water Well Construction

state line road does not go through section 4  
County in which well is located: SEB.

(Please print or type)

OWNER OF WELL EDD PARHAM  
WELL CONTRACTOR PARRELL BRYAN  
CONTRACTOR LICENSE NO. 21212  
NAME OF DRILLER PARRELL BRYAN  
DRILLER REGISTRATION NO. 2434  
DATE WELL WAS COMPLETED 4 27 78  
MO. DAY YR.

Well is near on state line road road, approximately 2 miles N NE E SE SW W NW of ALSMITH (TOWN, ETC.)  
Section 4 Township N Range 32 W

Directions for reaching well:  
(use permanent landmarks)  
on state line road 2 miles south of J.H. Smith

1. Total Depth of Well	<u>197</u>	
2. Water Producing Formation:	From <u>60</u> ft.	To <u>61</u> ft.
3. Method of Construction:	Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> R.C. <input type="checkbox"/> Driven <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>	
4. Water Level Below Land Surface	<u>50'</u>	
5. Gallons per Hour	<u>20</u> Gallons per Minute	
6. Well disinfected with	<u>PERKY</u>	
7. Cased to <u>10</u> ft. with <u>6"</u> Diameter <u>P.V.C.</u> Casing		
8. Cemented from <u>0</u> ft. to <u>10</u> ft.		
9. Casing Perforated from _____ ft. to _____ ft.		
10. Well Backfilled with: _____ from _____ ft. to _____ ft.		
(SAND, CLAY, CEMENT, MUD)		
11. Gravel Pack from _____ ft. to _____ ft.		
12. Screen Diameter: _____ inches from _____ ft. to _____ ft.		
13. Type Screen _____ Fittings _____ Slot Size _____		
14. Use of Well: <input checked="" type="checkbox"/> DOMESTIC _____ IRRIGATION _____ MUNICIPAL _____ OTHER _____		

Description and Color of Formation: (Sand, Shale, Sandstone, etc.)	Depths in Feet	
	From	To
<u>Blue shale</u>	<u>0</u>	<u>4'</u>
<u>Blue shale</u>	<u>4'</u>	<u>197</u>
<b>RECEIVED</b>		
<u>JUN 13 1978</u>		
Remarks:	<u>COMMITTEE ON WATER WELL CONSTRUCTION</u>	

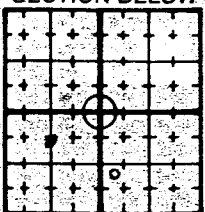
This well is guaranteed against defective material or workmanship for a period of \_\_\_\_\_  
Signed: Parrell Bryan  
Date: 27 78  
MONTH DAY YEAR

Mail to: Committee on Water Well Construction — 3815 W. Roosevelt Road — Little Rock, Arkansas 72204



**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

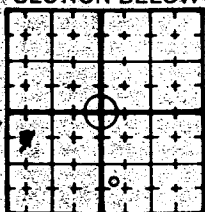
JUN 30 PM 1:20  
SOIL & WATER COMM.

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u> C# <u>1415</u>					10 LOCATE WITH 'X' IN SECTION BELOW 																					
2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2330</u>																										
3 Pump Installer Name & Number: _____ P# _____																										
4 Date Well Completed: <u>05/28/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>																										
5 COUNTY <u>Sebastian</u>	6 FRACTION NW 1/4 of SW 1/4 of SE 33	7 SECTION <u>33</u>	8 TOWNSHIP <u>8N</u>	9 RANGE <u>32W</u>																						
11 LONGITUDE <u>94° 25' 10"</u>			11 LATITUDE <u>35° 42' 08" - 05</u>																							
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	FROM	TO																								
Orange tan clay, damp	0	4.5																								
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2 TOTAL DEPTH OF WELL <u>19.5</u> ft			2 CASING FROM 0 TO 9.5 W/ "ID FROM TO W/ "ID TYPE CASING: <u>2" PVC</u>																							
3 DEPTHS TO WATER PRODUCING FORMATIONS:			3 SCREEN TYPE: <u>2" DIA .020</u> SLOT/GA SET FROM <u>9.5</u> FT TO <u>19.5</u> FT TYPE: <u>DIA</u> SLOT/GA SET FROM FT TO FT																							
4 STATIC WATER LEVEL _____ Ft below land surface			4 GRAVEL PACK <u>10/20 silica</u> FROM <u>9.5</u> FT TO <u>19.5</u> FT																							
5 YIELD _____ gallons per <input type="checkbox"/> min <input type="checkbox"/> hr			5 BACK-FILLED WITH: <u>Bentonite</u> FROM <u>6.5</u> FT TO <u>9.0</u> FT																							
6 DIAMETER OF BORE HOLE <u>8 5/8</u> IN			6 SEALED WITH: _____ FROM FT TO FT FROM FT TO FT																							
<b>C</b> PUMP REPORT <u>N/A</u>			7 DISINFECTED WITH: _____																							
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**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

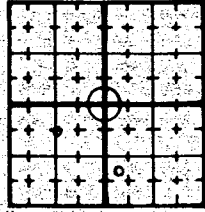
JUN 30 PM 1:19

SOIL & WATER LOG

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u> C# <u>1415</u> 2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2330</u> 3 Pump Installer Name & Number: _____ P# _____ 4 Date Well Completed: <u>05/27/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>		10 LOCATE WITH 'X' IN SECTION BELOW  MW-1																												
			5 COUNTY: <u>Sebastian</u>	6 FRACTION: <u>NW 1/4 of SW</u>	7 SECTION: <u>33</u>	8 TOWNSHIP: <u>8N</u>	9 RANGE: <u>32W</u>																							
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<b>B</b> 1 DESCRIPTION OF FORMATION: DEPTHS IN FEET					<b>D</b> 1 LAND OWNER OR OTHER CONTACT PERSON:																									
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	FROM	TO																												
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2 TOTAL DEPTH OF WELL: <u>24.5</u> ft					3 SCREEN TYPE: 2" DIA .020 SLOT/GA SET FROM 14.5 FT TO 24.5 FT TYPE: DIA SLOT/GA SET FROM FT TO FT																									
3 DEPTHS TO WATER PRODUCING FORMATIONS					4 GRAVEL PACK FROM 13 FT TO 24.5 FT																									
4 STATIC WATER LEVEL _____ Ft below land surface					5 BACK FILLED WITH: <u>Bentonite</u> FROM 9 FT TO 13 FT																									
5 YIELD _____ gallons per <input type="checkbox"/> min <input type="checkbox"/> hr					6 SEALED WITH: _____ FROM FT TO FT FROM FT TO FT																									
6 DIAMETER OF BORE HOLE: <u>8 5/8</u> IN					7 DISINFECTED WITH: _____																									
<b>C</b> PUMP REPORT <u>N/A</u>					8 USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input checked="" type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____																									
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4 RATED CAPACITY: _____ gallons per minute					11 REMARKS																									
5 TYPE LUBRICATION: _____					12 SIGNED: <u>Curtis R Branch</u> DATE: <u>6/27/97</u>																									
6 DROP PIPE OR COLUMN PIPE SIZE: _____																														
7 WIRE SIZE: _____																														
8 PRESSURE TANK: SIZE, MAKE, MODEL																														
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10 Is there an abandoned water well on the property?																														

**STATE OF ARKANSAS**  
**REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

SCIL & WATER COMM.

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u> C# <u>415</u>		10 LOCATE WITH 'X' IN SECTION BELOW  MW-3	
2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2330</u>			
3 Pump Installer Name & Number: _____ P# _____			
4 Date Well Completed: <u>05/27/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>			
5 COUNTY <u>Sebastian</u>	6 FRACTION <u>NW 1/4 of SW 1/4 of SE 33</u>	7 SECTION <u>8N</u>	8 TOWNSHIP <u>32W</u>
LONGITUDE 11° <u>94</u> ° <u>25</u> ' <u>10</u> "		LATITUDE 11° <u>35</u> ° <u>52</u> ' <u>08</u> " - <u>03</u>	

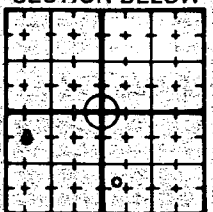
  

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4 STATIC WATER LEVEL _____ Ft below land surface	4 GRAVEL PACK <u>10/20</u> FROM <u>1</u> FT TO <u>5</u> FT																																										
5 YIELD _____ gallons per <input type="checkbox"/> min <input type="checkbox"/> hr	5 BACK FILLED WITH: <u>Bentonite</u> FROM <u>0</u> FT TO <u>1</u> FT																																										
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**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

JAN 30 11:10  
SOIL & WATER COMM.

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u> C# <u>1415</u>					<b>10</b> LOCATE WITH 'X' IN SECTION BELOW 
2 Driller Name & Number: <u>Curtis R Brench</u> D# <u>2330</u>					
3 Pump Installer Name & Number: _____ P# _____					
4 Date Well Completed: <u>05/27/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>					
5 COUNTY	6 FRACTION	7 SECTION	8 TOWNSHIP	9 RANGE	
<u>Sebastian</u>	<u>NW 1/4 of SW</u>	<u>1/4 of SE 33</u>	<u>8N</u>	<u>32W</u>	
11 LONGITUDE <u>94° 25' 10"</u>			11 LATITUDE <u>35° 52' 08" -02</u>		
<b>MW-2</b>					

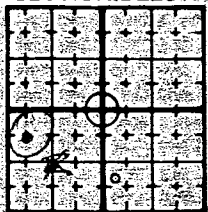
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<b>C</b> PUMP REPORT <u>N/A</u>
1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>
2 SETTING DEPTH: _____ FEET
3 BRAND NAME AND SERIAL NUMBERS:
4 RATED CAPACITY _____ gallons per minute
5 TYPE LUBRICATION
6 DROP PIPE OR COLUMN PIPE SIZE
7 WIRE SIZE
8 PRESSURE TANK SIZE, MAKE, MODEL
9 DATE OF INSTALLATION OR REPAIR
10 Is there an abandoned water well on the property?

STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION

07 JUL 90 PM 1:20  
SOIL & WATER CORP.

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u> C# <u>1415</u>					<b>10</b> LOCATE WITH 'X' IN SECTION BELOW 
2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2330</u>					
3 Pump Installer Name & Number: _____ P# _____					
4 Date Well Completed: <u>05/28/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>					
5 COUNTY <u>Sebastian</u>	6 FRACTION <u>NW 1/4 of SW 1/4 of SE 33</u>	7 SECTION <u>33</u>	8 TOWNSHIP <u>8N</u>	9 RANGE <u>32W</u>	
11 LONGITUDE <u>94° 25' 10"</u>		LATITUDE <u>35° 18' 20.08" -04</u>			

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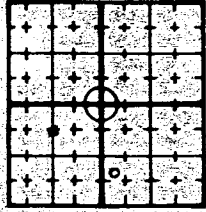
  

<b>C</b> PUMP REPORT	
1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>	
2 SETTING DEPTH: _____ FEET	
3 BRAND NAME AND SERIAL NUMBERS	
4 RATED CAPACITY: _____ gallons per minute	
5 TYPE LUBRICATION	
6 DROP PIPE OR COLUMN PIPE SIZE	
7 WIRE SIZE	
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9 DATE OF INSTALLATION OR REPAIR	
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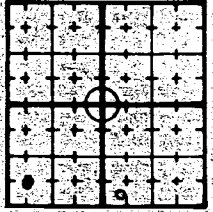
STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION

SOIL & WATER COMMA.

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u> C# <u>1415</u> 2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2330</u> 3 Pump Installer Name & Number: _____ P# _____ 4 Date Well Completed: <u>05/29/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>		10 LOCATE WITH 'X' IN SECTION BELOW  MW-6																																		
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ATTACH ADDITIONAL SHEETS IF NECESSARY					2 CASING FROM 0 TO 9.5 W/ "ID 2" FROM TO W/ "ID TYPE CASING: 2" PVC																															
2 TOTAL DEPTH OF WELL 19.5 ft					3 SCREEN TYPE: 2" DIA .020 SLOT/GA SET FROM 9.5 FT TO 19.5 FT TYPE: DIA SLOT/GA SET FROM FT TO FT																															
3 DEPTHS TO WATER PRODUCING FORMATIONS					4 GRAVEL PACK 10/20 silica FROM 9.0 FT TO 19.5 FT																															
4 STATIC WATER LEVEL _____ Ft below land surface					5 BACK FILLED WITH: <u>Bentonite</u> FROM 6.5 FT TO 9.5 FT																															
5 YIELD _____ gallons per <input type="checkbox"/> min <input type="checkbox"/> hr					6 SEALED WITH: FROM FT TO FT FROM FT TO FT																															
6 DIAMETER OF BORE HOLE 8 5/8 IN					7 DISINFECTED WITH:																															
<b>C</b> PUMP REPORT N/A					8 USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input checked="" type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____																															
1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>					(A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/>																															
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4 RATED CAPACITY _____ gallons per minute					11 REMARKS																															
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**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

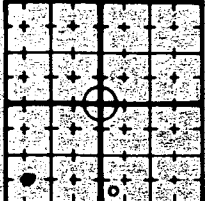
JUN 30 PM 1:20  
SOIL & WATER COMM.

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u> C# <u>1415</u> 2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2330</u> 3 Pump Installer Name & Number: _____ P# _____ 4 Date Well Completed: <u>05/28/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>		10 LOCATE WITH 'X' IN SECTION BELOW  MW-D1				
			5 COUNTY: <u>Sebastion</u>	6 FRACTION: <u>SW 1/4 of SW 1/4 of SE 33</u>	7 SECTION: <u>8-N</u>	8 TOWNSHIP: <u>32W</u>
			9 RANGE: <u>32W</u>			
			11 LONGITUDE: <u>94° 25' 10"</u> LATITUDE: <u>35° 19' 50" - 01</u>			
<b>B1</b> DESCRIPTION OF FORMATION: DEPTHS IN FEET						
		FROM	TO			
Brown, silty clay	damp	0	1			
Black, ash	wet	1	115			
Brownish gray & slighty or silty clay	damp	1.5	3.5			
Brown silty clay, trace gravel	wet	3.5	4.5			
Gray & orange clay, trace gravel	damp	4.5	6.0			
Gray & brown clay	dry	6.0	7.0			
Orange brown clay	damp	7.0	8.0			
Brown & gray clay	damp	8.0	9.5			
Gray & brown to gray clay damp		9.5	10.5			
ATTACH ADDITIONAL SHEETS IF NECESSARY						
Gray shale		DEPTH OF WELL	10.5 14.5 ft			
3 DEPTHS TO WATER PRODUCING FORMATIONS: _____						
4 STATIC WATER LEVEL: _____ Ft below land surface						
5 YIELD: _____ gallons per <input type="checkbox"/> min <input type="checkbox"/> hr						
6 DIAMETER OF BORE HOLE: <u>8 5/8</u> IN						
<b>C</b> PUMP REPORT: <u>N/A</u>						
1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>						
2 SETTING DEPTH: _____ FEET						
3 BRAND NAME AND SERIAL NUMBERS: _____						
4 RATED CAPACITY: _____ gallons per minute						
5 TYPE LUBRICATION: _____						
6 DROP PIPE OR COLUMN PIPE SIZE: _____						
7 WIRE SIZE: _____						
8 PRESSURE TANK: SIZE, MAKE, MODEL: _____						
9 DATE OF INSTALLATION OR REPAIR: _____						
10 Is there an abandoned water well on the property? _____						
<b>D1</b> LAND OWNER OR OTHER CONTACT PERSON:						
NAME: <u>WalMart</u>						
STREET ADDRESS: <u>Jenny Lind &amp; "O" Streets</u>						
CITY: <u>South Fort Smith, AR</u>						
2 CASING FROM <u>0</u> TO <u>2</u> W/ <u>"ID</u>						
2" FROM <u>TO</u> W/ <u>"ID</u>						
TYPE CASING: <u>2" PVC</u>						
3 SCREEN						
TYPE:		DIA <u>2"</u>	SLOT/GA <u>.020</u>			
SET FROM		FT TO <u>2</u>	FT <u>7</u>			
TYPE:		DIA	SLOT/GA			
SET FROM		FT TO	FT			
4 GRAVEL PACK FROM _____ FT TO _____ FT						
5 BACK FILLED WITH: <u>Bentonite</u>						
FROM <u>0</u> FT TO <u>2</u> FT						
6 SEALED WITH: _____						
FROM _____ FT TO _____ FT						
FROM _____ FT TO _____ FT						
7 DISINFECTED WITH: _____						
8 USE OF WELL:						
2 DOMESTIC		<input type="checkbox"/>	COMMERCIAL	<input type="checkbox"/>		
IRRIGATION		<input type="checkbox"/>	MONITOR	<input checked="" type="checkbox"/>		
LIVESTOCK/POULTRY		<input type="checkbox"/>	TEST WELL	<input type="checkbox"/>		
OIL/GAS SUPPLY		<input type="checkbox"/>	SEMI-PUBLIC	<input type="checkbox"/>		
PUBLIC SUPPLY		<input type="checkbox"/>	OTHER	<input type="checkbox"/>		
(A/C HEATPUMP TYPE WELLS)						
2 SOURCE		<input type="checkbox"/>	RETURN	<input type="checkbox"/>		
CLOSED LOOP		<input type="checkbox"/>				
9 (For A/C only) Will system also be used for purposes other than Heating or Air Conditioning?						
If yes, name use: _____ yes <input type="checkbox"/> no <input type="checkbox"/>						
10 (For A/C open-loop only) Into what medium is water returned? _____						
11 REMARKS: _____						
12 SIGNED: <u>Curtis R Branch</u> DATE: <u>6/27/97</u>						



**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

07 JUN 90 PM 1:20  
SOIL & WATER COMM.

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u> C# <u>1415</u> 2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2220</u> 3 Pump Installer Name & Number: _____ P# _____ 4 Date Well Completed: <u>05/28/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>		10 LOCATE WITH 'X' IN SECTION BELOW  MW-D2		
5 COUNTY: <u>Sebastian</u>	6 FRACTION: <u>SW</u> 1/4 of <u>SW</u> 1/4 of <u>SE</u> 33	7 SECTION: <u>33</u>	8 TOWNSHIP: <u>8 N</u>	9 RANGE: <u>32 W</u>
11 LONGITUDE: <u>94° 25' 10"</u>		11 LATITUDE: <u>35° 19' 50" -02</u>		

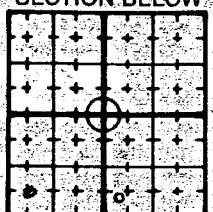
<b>B</b> 1 DESCRIPTION OF FORMATION: DEPTHS IN FEET <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>Brown silty clay trace gravel</td> <td>0</td> <td>1</td> </tr> <tr> <td>Or. brown silty clay tr gray damp</td> <td></td> <td>4.5</td> </tr> <tr> <td>Black stained silty clay moist</td> <td>4.5</td> <td>5.0</td> </tr> <tr> <td>Gray brown silt wet</td> <td>5.0</td> <td>7.5</td> </tr> <tr> <td>Gray brown clay damp</td> <td>7.5</td> <td>9.0</td> </tr> <tr> <td>Orange br clay, tr gravel damp</td> <td>9.0</td> <td>9.5</td> </tr> <tr> <td>Orange br sand, fine grain moist</td> <td>9.5</td> <td>10.5</td> </tr> <tr> <td>Gray shale damp</td> <td>10.5</td> <td>14.5</td> </tr> </tbody> </table> ATTACH ADDITIONAL SHEETS IF NECESSARY 2 TOTAL DEPTH OF WELL: <u>14.5</u> ft 3 DEPTHS TO WATER PRODUCING FORMATIONS: <u>8</u> 4 STATIC WATER LEVEL: _____ Ft below land surface 5 YIELD: _____ gallons per <input type="checkbox"/> min <input type="checkbox"/> hr 6 DIAMETER OF BORE HOLE: <u>8 5/8</u> IN		FROM	TO	Brown silty clay trace gravel	0	1	Or. brown silty clay tr gray damp		4.5	Black stained silty clay moist	4.5	5.0	Gray brown silt wet	5.0	7.5	Gray brown clay damp	7.5	9.0	Orange br clay, tr gravel damp	9.0	9.5	Orange br sand, fine grain moist	9.5	10.5	Gray shale damp	10.5	14.5	<b>D</b> 1 LAND OWNER OR OTHER CONTACT PERSON: NAME <u>WalMart</u> STREET ADDRESS <u>Jenny Lind &amp; "O" Streets</u> CITY <u>South Fort Smith, AR</u> 2 CASING FROM 0' TO 3' W/ "ID 2" FROM TO W/ "ID TYPE CASING: <u>2" PVC</u> 3 SCREEN TYPE: DIA 2" SLOT/GA: .020 SET FROM 3' FT TO 13' FT TYPE: DIA SLOT/GA SET FROM FT TO FT 4 GRAVEL PACK FROM FT TO FT 5 BACK FILLED WITH: <u>Bentonite</u> FROM 0 FT TO 2.5 FT 6 SEALED WITH: FROM FT TO FT FROM FT TO FT 7 DISINFECTED WITH: 8 USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input checked="" type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____ (A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/> 9 (For A/C only) Will system also be used for purposes other than Heating or Air Conditioning? If yes, name use: _____ yes <input type="checkbox"/> no <input type="checkbox"/> 10 (For A/C open-loop only) Into what medium is water returned? 11 REMARKS 12 SIGNED: <u>Curtis R Branch</u> DATE: <u>6/27/97</u>
	FROM	TO																										
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<b>C</b> PUMP REPORT <u>N/A</u> 1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/> 2 SETTING DEPTH: _____ FEET 3 BRAND NAME AND SERIAL NUMBERS: 4 RATED CAPACITY: _____ gallons per minute 5 TYPE LUBRICATION 6 DROP PIPE OR COLUMN PIPE SIZE 7 WIRE SIZE 8 PRESSURE TANK: _____ SIZE, MAKE, MODEL 9 DATE OF INSTALLATION OR REPAIR 10 Is there an abandoned water well on the property?	
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STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION

SOIL & WATER COMM

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u> C# <u>1415</u>		<b>10</b> LOCATE WITH 'X' IN SECTION BELOW 		
2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2320</u>				
3 Pump Installer Name & Number: _____ P# _____				
4 Date Well Completed: <u>05/28/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>				
5 COUNTY <u>Sebastian</u>	6 FRACTION <u>SW 1/4 of SW 1/4 of SE 33</u>	7 SECTION <u>33</u>	8 TOWNSHIP <u>8N</u>	9 RANGE <u>32W</u>
LONGITUDE 11 <u>94° 25' 10"</u>		LATITUDE 11 <u>35° 19' 50" -03</u>		MW-D3

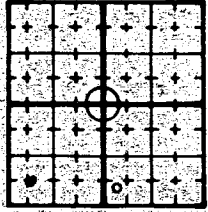
  

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2 TOTAL DEPTH OF WELL <u>14.5</u> ft	2 CASING FROM 0' TO 2' W/ "ID 2" FROM TO W/ "ID TYPE CASING: <u>2" PVC</u>																					
3 DEPTHS TO WATER PRODUCING FORMATIONS	3 SCREEN TYPE: DIA 2" SLOT/GA .020 SET FROM 2 FT TO 12 FT TYPE: DIA SLOT/GA SET FROM FT TO FT																					
4 STATIC WATER LEVEL _____ Ft below land surface	4 GRAVEL PACK FROM FT TO FT																					
5 YIELD _____ gallons per <input type="checkbox"/> min <input type="checkbox"/> hr	5 BACK FILLED WITH: <u>Bentonite</u> FROM 0 FT TO 1.5 FT																					
6 DIAMETER OF BORE HOLE <u>8 5/8</u> IN	6 SEALED WITH: FROM FT TO FT FROM FT TO FT																					
<b>C</b> PUMP REPORT <u>N/A</u>																						
1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>	7 DISINFECTED WITH:																					
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8 PRESSURE TANK: SIZE, MAKE, MODEL																						
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**STATE OF ARKANSAS**  
**REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

97 JUN 20 PM 1:21  
SOIL & WATER COMM.

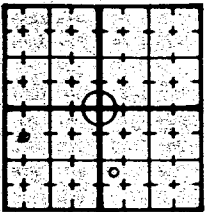
<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u>		C# <u>7414150</u>		LOCATE WITH 'X' IN SECTION BELOW  MW-D4
2 Driller Name & Number: <u>Curtis R Branch</u>		D# <u>2330</u>		
3 Pump Installer Name & Number: _____		P# _____		
4 Date Well Completed: <u>05/28/97</u>		New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>		
5 COUNTY <u>Sebastian</u>	6 FRACTION <u>SW 1/4 of SW</u>	7 SECTION <u>1/4 of SE 33</u>	8 TOWNSHIP <u>8N</u>	9 RANGE <u>32W</u>
LONGITUDE 11 <u>94° 25' 10"</u>		LATITUDE 11 <u>35° 19' 50" -04</u>		

<b>B</b> 1 DESCRIPTION OF FORMATION: DEPTHS IN FEET <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:80%;"></th> <th style="width:10%;">FROM</th> <th style="width:10%;">TO</th> </tr> </thead> <tbody> <tr><td>Tan silty clay</td><td></td><td></td></tr> <tr><td>Tan silty clay, gravel damp</td><td>0</td><td>1.5</td></tr> <tr><td>Black silty clay &amp; ash damp</td><td>1.5</td><td>2.5</td></tr> <tr><td>Brown silt clay damp</td><td>2.5</td><td>5.5</td></tr> <tr><td>Brown &amp; orange clay little silt &amp; gravel damp</td><td>5.5</td><td>8.5</td></tr> <tr><td>Orange brwn clayey gravel some black part damp</td><td>8.5</td><td>9.0</td></tr> <tr><td>Gray clay damp</td><td>9.0</td><td>9.5</td></tr> <tr><td>Gray brown silty clay Moist</td><td>9.5</td><td>11.5</td></tr> <tr><td>Gray shale damp</td><td>11.5</td><td>14.5</td></tr> <tr><td colspan="3">ATTACH ADDITIONAL SHEETS IF NECESSARY</td></tr> <tr><td colspan="3">2 TOTAL DEPTH OF WELL <u>14.5</u> ft</td></tr> <tr><td colspan="3">3 DEPTHS TO WATER PRODUCING FORMATIONS</td></tr> <tr><td colspan="3">4 STATIC WATER LEVEL _____ Ft below land surface</td></tr> <tr><td colspan="3">5 YIELD _____ gallons per <input type="checkbox"/> min <input type="checkbox"/> hr</td></tr> <tr><td colspan="3">6 DIAMETER OF BORE HOLE <u>8 5/8</u> IN</td></tr> </tbody> </table>		FROM	TO	Tan silty clay			Tan silty clay, gravel damp	0	1.5	Black silty clay & ash damp	1.5	2.5	Brown silt clay damp	2.5	5.5	Brown & orange clay little silt & gravel damp	5.5	8.5	Orange brwn clayey gravel some black part damp	8.5	9.0	Gray clay damp	9.0	9.5	Gray brown silty clay Moist	9.5	11.5	Gray shale damp	11.5	14.5	ATTACH ADDITIONAL SHEETS IF NECESSARY			2 TOTAL DEPTH OF WELL <u>14.5</u> ft			3 DEPTHS TO WATER PRODUCING FORMATIONS			4 STATIC WATER LEVEL _____ Ft below land surface			5 YIELD _____ gallons per <input type="checkbox"/> min <input type="checkbox"/> hr			6 DIAMETER OF BORE HOLE <u>8 5/8</u> IN			<b>D</b> 1 LAND OWNER OR OTHER CONTACT PERSON NAME <u>WalMart</u> STREET ADDRESS <u>Jenny Lind &amp; "O" Streets</u> CITY <u>South Fort Smith, AR</u> <hr/> 2 CASING FROM TO W/ "ID" FROM TO W/ "ID" TYPE CASING: <u>2" PVC</u> <hr/> 3 SCREEN TYPE DIA <u>2"</u> SLOT/GA <u>.020</u> SET FROM FT TO FT TYPE DIA SLOT/GA SET FROM FT TO FT <hr/> 4 GRAVEL PACK FROM FT TO FT <hr/> 5 BACK FILLED WITH: <u>Bentonite</u> FROM <u>0</u> FT TO <u>.5</u> FT <hr/> 6 SEALED WITH: FROM FT TO FT FROM FT TO FT <hr/> 7 DISINFECTED WITH: <hr/> 8 USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input checked="" type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____ (A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/> <hr/> 9 (For A/C only) Will system also be used for purposes other than Heating or Air Conditioning? If yes, name use: _____ yes <input type="checkbox"/> no <input type="checkbox"/> <hr/> 10 (For A/C open-loop only) Into what medium is water returned? <hr/> 11 REMARKS <hr/> 12 SIGNED <u>[Signature]</u> DATE <u>6/27/97</u>
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<b>C</b> PUMP REPORT <u>N/A</u>
1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>
2 SETTING DEPTH: FEET
3 BRAND NAME AND SERIAL NUMBERS
4 RATED CAPACITY _____ gallons per minute
5 TYPE LUBRICATION
6 DROP PIPE OR COLUMN PIPE SIZE
7 WIRE SIZE
8 PRESSURE TANK SIZE, MAKE, MODEL
9 DATE OF INSTALLATION OR REPAIR
10 Is there an abandoned water well on the property?

STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION

2000 ft NE of site  
1500 ft SW of road - 50  
across mill ck  
SOIL - CLAY CO. 11

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc</u> C# <u>1415</u>					<b>10</b> LOCATE WITH 'X' IN SECTION BELOW 
2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2330</u>					
3 Pump Installer Name & Number: _____ P# _____					
4 Date Well Completed: <u>05/22/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>					
5 COUNTY	6 FRACTION	7 SECTION	8 TOWNSHIP	9 RANGE	
<u>Sebastian</u>	<u>NW 1/4 of</u>	<u>SW 1/4 of SE 33</u>	<u>8N</u>	<u>32W</u>	
11 LONGITUDE		11 LATITUDE			
<u>92° 45' 10" W</u>		<u>35° 20' 00" N</u>			<u>BE-101</u>

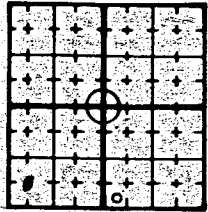
<b>B</b> 1 DESCRIPTION OF FORMATION: DEPTHS IN FEET <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>Brown silty clay damp</td> <td>0</td> <td>1</td> </tr> <tr> <td>Black ash</td> <td>1</td> <td>3</td> </tr> <tr> <td>Orange &amp; gray clay damp</td> <td>3</td> <td>9.5</td> </tr> <tr> <td>some silt</td> <td></td> <td></td> </tr> <tr> <td>Orange &amp; gray gravelly moist</td> <td>9.5</td> <td>11.0</td> </tr> <tr> <td>clay</td> <td></td> <td></td> </tr> <tr> <td>Orange sand moist</td> <td>11.0</td> <td>11.5</td> </tr> <tr> <td>Brown clay dry</td> <td>11.5</td> <td>12.0</td> </tr> <tr> <td>Brown &amp; tan silty clay damp</td> <td>12.0</td> <td>15.0</td> </tr> <tr> <td>Orange &amp; gray shale dry</td> <td>15.0</td> <td>17.5</td> </tr> <tr> <td>weathered</td> <td></td> <td></td> </tr> <tr> <td>Gray shale dry</td> <td>17.5</td> <td>19.5</td> </tr> </tbody> </table> <p>ATTACH ADDITIONAL SHEETS IF NECESSARY</p>		FROM	TO	Brown silty clay damp	0	1	Black ash	1	3	Orange & gray clay damp	3	9.5	some silt			Orange & gray gravelly moist	9.5	11.0	clay			Orange sand moist	11.0	11.5	Brown clay dry	11.5	12.0	Brown & tan silty clay damp	12.0	15.0	Orange & gray shale dry	15.0	17.5	weathered			Gray shale dry	17.5	19.5	<b>D</b> 1 LAND OWNER OR OTHER CONTACT PERSON: <p>NAME <u>WalMart</u></p> <p>STREET ADDRESS <u>Jenny Lind &amp; "O" Streets</u></p> <p>CITY <u>South Fort Smith, AR</u></p>
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**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

67 JUN 30 PM 1:20

SOIL & WATER COMM.

<b>A</b> 1. Contractor Name & Number <u>Evergreen Environmental, Inc</u> C# <u>1415</u>					<b>10</b> LOCATE WITH 'X' IN SECTION BELOW 
2. Driller Name & Number <u>Curtis R Branch</u> D# <u>2330</u>					
3. Pump Installer Name & Number _____ P# _____					
4. Date Well Completed <u>05/22/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>					
5. COUNTY <u>Sebastian</u>	6. FRACTION <u>SW 1/4 of</u>	7. SECTION <u>SW 1/4 of SE 33</u>	8. TOWNSHIP <u>8N</u>	9. RANGE <u>32W</u>	<b>BE-102</b>
10. LONGITUDE <u>89° 25' 10"</u>		11. LATITUDE <u>35° 19' 50" -09</u>			

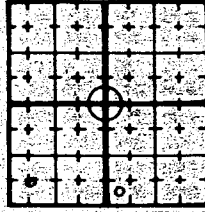
  

<b>B</b> 1. DESCRIPTION OF FORMATION: DEPTHS IN FEET	<b>D</b> 1. LAND OWNER OR OTHER CONTACT PERSON:																								
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5. TYPE LUBRICATION	11. REMARKS <u>East of B-35</u>																								
6. DROP PIPE OR COLUMN PIPE SIZE	12. SIGNED <u>Curtis R Branch</u> DATE <u>6/27/97</u>																								
7. WIRE SIZE																									
8. PRESSURE TANK: SIZE, MAKE, MODEL																									
9. DATE OF INSTALLATION OR REPAIR																									
10. Is there an abandoned water well on the property?																									

**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

JAN 30 PM 1:20

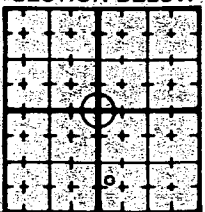
SOIL & WATER COMM.

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u> C# <u>1415</u>						<b>10</b> LOCATE WITH 'X' IN SECTION BELOW 
2 Driller Name & Number: <u>Curtis R Brannh</u> D# <u>2330</u>						
3 Pump Installer Name & Number: _____ P# _____						
4 Date Well Completed: <u>05/22/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>						
5 COUNTY	6 FRACTION	7 SECTION	8 TOWNSHIP	9 RANGE		
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LONGITUDE 11 <u>94</u> ° <u>25</u> ' <u>10</u> "			LATITUDE 11 <u>35</u> ° <u>19</u> ' <u>50</u> " -08			
<b>B</b> 1 DESCRIPTION OF FORMATION: DEPTHS IN FEET						
	FROM	TO				
Brown silty clay	0	.5				
Orange, brown clay some silt	.5	2.25				
Blue clayey ash moist	2.25	2.5				
Brown silty clay wet	2.5	4.5				
Orange & tan clay trace black particles moist	4.5	7.75				
Orange brown sand moist	7.75	8.0				
Orange brown clay moist	8.0	8.5				
Orange brown sand very moist	8.5	9.5				
ATTACH ADDITIONAL SHEETS IF NECESSARY						
2 TOTAL DEPTH OF WELL			9.5 ft			
3 DEPTHS TO WATER PRODUCING FORMATIONS						
4 STATIC WATER LEVEL			Ft below land surface			
5 YIELD			gallons per <input type="checkbox"/> min <input type="checkbox"/> hr			
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10 (For A/C open-loop only) Into what medium is water returned?						
11 REMARKS <u>Between B-17 &amp; B-30</u>						
12 SIGNED <u>Curtis R Brannh</u> DATE <u>6/27/97</u>						



**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

JUL 89 PM 1:20  
SOIL & WATER COMM.

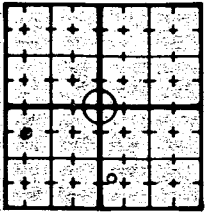
<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u> C# <u>1415</u> 2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2330</u> 3 Pump Installer Name & Number: _____ P# _____ 4 Date Well Completed: <u>05/22/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>		10 LOCATE WITH 'X' IN SECTION BELOW  BE-104
5 COUNTY: <u>Sebastian</u> 6 FRACTION: <u>NW 1/4 of SW 1/4 of SE 33</u> 7 SECTION: <u>33</u> 8 TOWNSHIP: <u>8N</u> 9 RANGE: <u>32W</u>	LONGITUDE: <u>94° 25' 10"</u> LATITUDE: <u>35° 18' 20" - 08</u>	

<b>B</b> 1 DESCRIPTION OF FORMATION: DEPTHS IN FEET <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>Brown silty clay</td> <td>0</td> <td>2.75</td> </tr> <tr> <td>Black Ash, trace gravel moist</td> <td>2.75</td> <td>3.0</td> </tr> <tr> <td>Brown silty clay, little black ash</td> <td>3.0</td> <td>4.0</td> </tr> <tr> <td>Black ash wet</td> <td>4.0</td> <td>5.5</td> </tr> <tr> <td>Brown &amp; orange clay some silt</td> <td>5.5</td> <td>6.5</td> </tr> <tr> <td>cobbles large</td> <td>6.5</td> <td>9.5</td> </tr> </tbody> </table>		FROM	TO	Brown silty clay	0	2.75	Black Ash, trace gravel moist	2.75	3.0	Brown silty clay, little black ash	3.0	4.0	Black ash wet	4.0	5.5	Brown & orange clay some silt	5.5	6.5	cobbles large	6.5	9.5	<b>D</b> 1 LAND OWNER OR OTHER CONTACT PERSON NAME <u>WalMart</u> STREET ADDRESS <u>Jenny Lind &amp; "O" Streets</u> CITY <u>South Fort Smith, AR</u> 2 CASING FROM TO W/ "ID FROM TO W/ "ID TYPE CASING: 3 SCREEN TYPE: DIA SLOT/GA SET FROM FT TO FT TYPE: DIA SLOT/GA SET FROM FT TO FT 4 GRAVEL PACK FROM FT TO FT 5 BACK FILLED WITH: FROM FT TO FT 6 SEALED WITH: FROM FT TO FT FROM FT TO FT 7 DISINFECTED WITH: 8 USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input checked="" type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____ (A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/> 9 (For A/C only) Will system also be used for purposes other than Heating or Air Conditioning? If yes, name use: _____ yes <input type="checkbox"/> no <input type="checkbox"/> 10 (For A/C open-loop only) Into what medium is water returned? 11 REMARKS 12 SIGNED <u>CHABL</u> DATE <u>6/27/97</u>
	FROM	TO																				
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<b>C</b> PUMP REPORT <u>N/A</u> 1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/> 2 SETTING DEPTH: FEET 3 BRAND NAME AND SERIAL NUMBERS: 4 RATED CAPACITY: gallons per minute 5 TYPE LUBRICATION 6 DROP PIPE OR COLUMN PIPE SIZE 7 WIRE SIZE 8 PRESSURE TANK: SIZE, MAKE, MODEL 9 DATE OF INSTALLATION OR REPAIR 10 Is there an abandoned water well on the property?	ATTACH ADDITIONAL SHEETS IF NECESSARY 2 TOTAL DEPTH OF WELL: <u>9.5</u> ft 3 DEPTHS TO WATER PRODUCING FORMATIONS: 4 STATIC WATER LEVEL: <u>2</u> Ft below land surface 5 YIELD: gallons per <input type="checkbox"/> min <input type="checkbox"/> hr 6 DIAMETER OF BORE HOLE: <u>8 5/8</u> IN
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**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

SOIL & WATER COMM.

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, INC.</u> C# <u>1415</u>					10 LOCATE WITH 'X' IN SECTION BELOW  BE-106
2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2330</u>					
3 Pump Installer Name & Number: _____ P# _____					
4 Date Well Completed: <u>05/27/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>					
5 COUNTY <u>Sebastian</u>	6 FRACTION <u>NW 1/4 of SW</u>	7 SECTION <u>1/4 of SE 33</u>	8 TOWNSHIP <u>8N</u>	9 RANGE <u>32W</u>	
11 LONGITUDE <u>94° 25' 10"</u>		11 LATITUDE <u>35° 20' 08" - 09</u>			

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2 TOTAL DEPTH OF WELL <u>19.5</u> ft 3 DEPTHS TO WATER PRODUCING FORMATIONS 4 STATIC WATER LEVEL _____ Ft below land surface 5 YIELD _____ gallons per <input type="checkbox"/> min <input type="checkbox"/> hr 6 DIAMETER OF BORE HOLE <u>8 5/8</u> IN	2 CASING FROM TO W/ "ID FROM TO W/ "ID TYPE CASING: 3 SCREEN TYPE DIA SLOT/GA SET FROM FT TO FT TYPE DIA SLOT/GA SET FROM FT TO FT 4 GRAVEL PACK FROM FT TO FT 5 BACK FILLED WITH: FROM FT TO FT 6 SEALED WITH: FROM FT TO FT FROM FT TO FT 7 DISINFECTED WITH: 8 USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input checked="" type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____ (A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/> 9 (For A/C only) Will system also be used for purposes other than Heating or Air Conditioning? If yes, name use: _____ yes <input type="checkbox"/> no <input type="checkbox"/> 10 (For A/C open-loop only) Into what medium is water returned? 11 REMARKS 12 SIGNED <u>Curtis R Branch</u> DATE <u>6/27/97</u>
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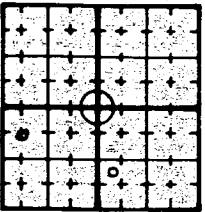
  

<b>C</b> PUMP REPORT <u>N/A</u>
1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>
2 SETTING DEPTH: FEET
3 BRAND NAME AND SERIAL NUMBERS
4 RATED CAPACITY _____ gallons per minute
5 TYPE LUBRICATION
6 DROP PIPE OR COLUMN PIPE SIZE
7 WIRE SIZE
8 PRESSURE TANK SIZE, MAKE, MODEL
9 DATE OF INSTALLATION OR REPAIR
10 Is there an abandoned water well on the property?



**STATE OF ARKANSAS**  
**REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

SOIL & WATER COMM.

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Environmental, INC</u> C# <u>1415</u> 2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2330</u> 3 Pump Installer Name & Number: _____ P# _____ 4 Date Well Completed: <u>05/29/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>						10 LOCATE WITH 'X' IN SECTION BELOW  BE-115
5 COUNTY: <u>Sebastian</u>		6 FRACTION: <u>NW</u> 1/4 of <u>SW</u> 1/4 of <u>SE</u> <u>33</u>		7 TOWNSHIP: <u>8N</u> RANGE: <u>32W</u>		
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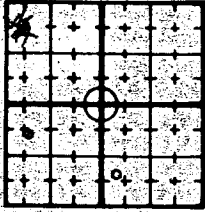
  

<b>C</b> PUMP REPORT <u>N/A</u>	
1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>	
2 SETTING DEPTH: _____ FEET	
3 BRAND NAME AND SERIAL NUMBERS:	
4 RATED CAPACITY: _____ gallons per minute	
5 TYPE LUBRICATION:	
6 DROP PIPE OR COLUMN PIPE SIZE:	
7 WIRE SIZE:	
8 PRESSURE TANK: SIZE, MAKE, MODEL	
9 DATE OF INSTALLATION OR REPAIR:	
10 Is there an abandoned water well on the property?	

STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION

67 JUN 30 PM 1:20

SOIL & WATER CONN.

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, INC.</u> C# <u>1415</u> 2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2330</u> 3 Pump Installer Name & Number: _____ P# _____ 4 Date Well Completed: <u>05/29/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>		10 LOCATE WITH 'X' IN SECTION BELOW  BE-117
5 COUNTY <u>Sebastian</u> 6 FRACTION <u>NW 1/4 of SW 1/4 of SE 33</u> 7 SECTION <u>33</u> 8 TOWNSHIP <u>8N</u> 9 RANGE <u>32W</u>	11 LONGITUDE <u>94° 25' 10"</u> 12 LATITUDE <u>35° 20' 08" -11</u>	

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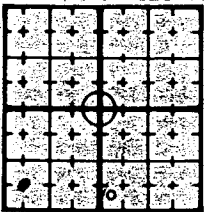
  

<b>C</b> PUMP REPORT <u>N/A</u> 1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/> 2 SETTING DEPTH: FEET 3 BRAND NAME AND SERIAL NUMBERS: 4 RATED CAPACITY _____ gallons per minute 5 TYPE LUBRICATION 6 DROP PIPE OR COLUMN PIPE SIZE 7 WIRE SIZE 8 PRESSURE TANK: SIZE, MAKE, MODEL 9 DATE OF INSTALLATION OR REPAIR 10 Is there an abandoned water well on the property?	
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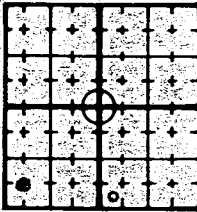
**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

SOIL & WATER COMM.

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u> C# <u>1415</u>					10 LOCATE WITH 'X' IN SECTION BELOW 
2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2330</u>					
3 Pump Installer Name & Number: _____ P# _____					
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5 COUNTY	6 FRACTION	7 SECTION	8 TOWNSHIP	9 RANGE	
<u>Sebastian</u>	<u>SW 1/4 of SW 1/4 of SE</u>	<u>33</u>	<u>8N</u>	<u>32W</u>	
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<b>B</b> 1 DESCRIPTION OF FORMATION: DEPTHS IN FEET					<b>D</b> 1 LAND OWNER OR OTHER CONTACT PERSON: NAME <u>WalMart</u> STREET ADDRESS <u>Jenny Lind &amp; "o" Streets</u> CITY <u>South Fort Smith, AR</u>
		FROM	TO		
<u>Orange brown silty clay damp</u>		<u>0</u>	<u>1</u>		
<u>Black, ash, clayey</u>		<u>1</u>	<u>5.5</u>		
<u>Orange, Brown Clay with some gravel</u>		<u>5.5</u>	<u>9.5</u>		
ATTACH ADDITIONAL SHEETS IF NECESSARY					
2 TOTAL DEPTH OF WELL		<u>9.5</u>	ft		
3 DEPTHS TO WATER PRODUCING FORMATIONS					
4 STATIC WATER LEVEL		ft below land surface			
5 YIELD _____ gallons per <input type="checkbox"/> min <input type="checkbox"/> hr					
6 DIAMETER OF BORE HOLE		<u>8 5/8</u>	IN		
<b>C</b> PUMP REPORT <u>N/A</u>					
1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>					
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3 BRAND NAME AND SERIAL NUMBERS: _____					
4 RATED CAPACITY		gallons per minute			
5 TYPE LUBRICATION _____					
6 DROP PIPE OR COLUMN PIPE SIZE _____					
7 WIRE SIZE _____					
8 PRESSURE TANK: SIZE, MAKE, MODEL _____					
9 DATE OF INSTALLATION OR REPAIR _____					
10 Is there an abandoned water well on the property? _____					
2 CASING FROM _____ TO _____ W/ _____ "ID FROM _____ TO _____ W/ _____ "ID TYPE CASING: _____					
3 SCREEN TYPE: _____ DIA _____ SLOT/GA _____ SET FROM _____ FT TO _____ FT TYPE: _____ DIA _____ SLOT/GA _____ SET FROM _____ FT TO _____ FT					
4 GRAVEL PACK FROM _____ FT TO _____ FT					
5 BACK FILLED WITH: _____ FROM _____ FT TO _____ FT					
6 SEALED WITH: _____ FROM _____ FT TO _____ FT					
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8 USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input checked="" type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER <input type="checkbox"/>					
(A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/>					
9 (For A/C only) Will system also be used for purposes other than Heating or Air Conditioning? If yes, name use: _____ yes <input type="checkbox"/> no <input type="checkbox"/>					
10 (For A/C open-loop only) Into what medium is water returned? _____					
11 REMARKS _____					
12 SIGNED <u>Curt R Branch</u> DATE <u>6/27/97</u>					

**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

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11 LONGITUDE		11 LATITUDE			
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<b>B</b> 1 DESCRIPTION OF FORMATION: DEPTHS IN FEET <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>Orange, brwn silty clay damp</td> <td>0</td> <td>2.5</td> </tr> <tr> <td>Brown clay moist</td> <td>2.5</td> <td>4.5</td> </tr> <tr> <td>Brwn silty clay trace of sand moist</td> <td>4.5</td> <td>5.5</td> </tr> <tr> <td>brwn clay w/gravel wet</td> <td>5.5</td> <td>5.75</td> </tr> <tr> <td>Brown silty clay moist</td> <td>5.75</td> <td>6.5</td> </tr> <tr> <td>Orange brown clay some silt</td> <td>6.5</td> <td>9.5</td> </tr> <tr> <td colspan="3">ATTACH ADDITIONAL SHEETS IF NECESSARY</td> </tr> <tr> <td>2 TOTAL DEPTH OF WELL</td> <td colspan="2">9.5 ft</td> </tr> <tr> <td>3 DEPTHS TO WATER PRODUCING FORMATIONS</td> <td colspan="2"></td> </tr> <tr> <td>4 STATIC WATER LEVEL</td> <td colspan="2">Ft below land surface</td> </tr> <tr> <td>5 YIELD</td> <td colspan="2">gallons per <input type="checkbox"/> min <input type="checkbox"/> hr</td> </tr> <tr> <td>6 DIAMETER OF BORE HOLE</td> <td colspan="2">8 5/8 IN</td> </tr> </tbody> </table>		FROM	TO	Orange, brwn silty clay damp	0	2.5	Brown clay moist	2.5	4.5	Brwn silty clay trace of sand moist	4.5	5.5	brwn clay w/gravel wet	5.5	5.75	Brown silty clay moist	5.75	6.5	Orange brown clay some silt	6.5	9.5	ATTACH ADDITIONAL SHEETS IF NECESSARY			2 TOTAL DEPTH OF WELL	9.5 ft		3 DEPTHS TO WATER PRODUCING FORMATIONS			4 STATIC WATER LEVEL	Ft below land surface		5 YIELD	gallons per <input type="checkbox"/> min <input type="checkbox"/> hr		6 DIAMETER OF BORE HOLE	8 5/8 IN		<b>D</b> 1 LAND OWNER OR OTHER CONTACT PERSON: <p>NAME <u>WalMart</u></p> <p>STREET ADDRESS <u>Jenny Lind &amp; "O" Streets</u></p> <p>CITY <u>South Fort Smith, AR</u></p>
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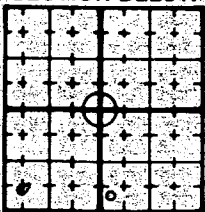
  

<b>C</b> PUMP REPORT <u>N/A</u>	
1 TYPE PUMP	SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>
2 SETTING DEPTH	FEET
3 BRAND NAME AND SERIAL NUMBERS	
4 RATED CAPACITY	gallons per minute
5 TYPE LUBRICATION	
6 DROP PIPE OR COLUMN PIPE SIZE	
7 WIRE SIZE	
8 PRESSURE TANK	SIZE, MAKE, MODEL
9 DATE OF INSTALLATION OR REPAIR	
10	Is there an abandoned water well on the property?



**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

SOIL & WATER COMM.

<b>A</b> 1 Contractor Name & Number: <u>Evergreen Enviromental, Inc.</u> C# <u>1415</u> 2 Driller Name & Number: <u>Curtis R Branch</u> D# <u>2330</u> 3 Pump Installer Name & Number: _____ P# _____ 4 Date Well Completed: <u>05/29/97</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>		10 LOCATE WITH 'X' IN SECTION BELOW  BE-120
5 COUNTY: <u>Sebastian</u> 6 FRACTION: <u>SW 1/4 of SW 1/4 of SE 33</u> 7 SECTION: <u>33</u> 8 TOWNSHIP: <u>8N</u> 9 RANGE: <u>32W</u>		
LONGITUDE: 11 <u>94° 25' 10"</u> LATITUDE: 11 <u>35° 19' 50" -07</u>		

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<b>C</b> PUMP REPORT <u>N/A</u> 1 TYPE PUMP SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/> 2 SETTING DEPTH: FEET 3 BRAND NAME AND SERIAL NUMBERS: 4 RATED CAPACITY: _____ gallons per minute 5 TYPE LUBRICATION 6 DROP PIPE OR COLUMN PIPE SIZE 7 WIRE SIZE 8 PRESSURE TANK: SIZE, MAKE, MODEL 9 DATE OF INSTALLATION OR REPAIR 10 Is there an abandoned water well on the property?	12 SIGNED <u>Curtis R Branch</u> DATE <u>6/27/97</u>
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AWD-7 JAN 89 Arkansas Water Well Construction Commission, 101 East Capitol, Suite 350, Little Rock, AR 72201  
ACI-5945



**STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

<b>A</b> 1 Contractor Name & Number: <u>A.W. Pool, Inc.</u> C# <u>1099</u> 2 Driller Name & Number: <u>Arvil Keith Pool</u> D# <u>2101</u> 3 Pump Installer Name & Number: <u>NA</u> P# _____ 4 Date Well Completed: <u>9/18/90</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>						10 LOCATE WITH 'X' IN SECTION BELOW 
5 COUNTY <u>Sebastian</u> 6 FRACTION <u>NE</u> 1/4 of <u>NW</u> 1/4 of <u>5</u> 7 SECTION <u>5</u> 8 TOWNSHIP <u>7N</u> 9 RANGE <u>32W</u>						
11 LONGITUDE <u>35° 19' 40"</u> 11 LATITUDE <u>94° 25' 20"</u>						

<b>B</b> 1 DESCRIPTION OF FORMATION: DEPTHS IN FEET <u>MW #6</u> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td><u>Sand w/ Gravel</u></td> <td><u>0</u></td> <td><u>1</u></td> </tr> <tr> <td><u>Sandstone-yellow</u></td> <td><u>1</u></td> <td><u>6</u></td> </tr> <tr> <td><u>Shale-black</u></td> <td><u>6</u></td> <td><u>20</u></td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		FROM	TO	<u>Sand w/ Gravel</u>	<u>0</u>	<u>1</u>	<u>Sandstone-yellow</u>	<u>1</u>	<u>6</u>	<u>Shale-black</u>	<u>6</u>	<u>20</u>																<b>D</b> 1 LAND OWNER OR OTHER CONTACT PERSON: NAME <u>Westinghouse (Desoto South)</u> STREET ADDRESS <u>522 S. Zero St.</u> CITY <u>Ft. Smith, Arkansas</u> 2 CASING FROM <u>+2</u> TO <u>8</u> W/ <u>2</u> "ID FROM        TO        W/        "ID TYPE CASING: <u>PVC Sch 40</u> 3 SCREEN TYPE: <u>PVC Sch 40</u> DIA <u>2"</u> SLOT/GA <u>.010</u> SET FROM <u>8</u> FT TO <u>18</u> FT TYPE:                   DIA                   SLOT/GA SET FROM               FT TO               FT 4 GRAVEL PACK FROM <u>6</u> FT TO <u>20</u> FT 5 BACK FILLED WITH: _____ FROM        FT TO        FT 6 SEALED WITH: <u>Cement &amp; Bentonite</u> FROM <u>0</u> FT TO <u>4</u> FT <u>2 bags</u> FROM <u>4</u> FT TO <u>6</u> FT <u>40 #</u> 7 DISINFECTED WITH: _____ 8 USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input checked="" type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____ (A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/> 9 (For A/C Only) Will system also be used for purposes other than Heating or Air Conditioning? <u>NA</u> If yes, name use: _____ yes <input type="checkbox"/> no <input type="checkbox"/> 10 (For A/C open-loop only) Into what medium is water returned? _____ 11 REMARKS <u>Keith Pool</u> 12 SIGNED _____ DATE <u>10/23/90</u>
	FROM	TO																										
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2 SETTING DEPTH: _____ FEET	
3 BRAND NAME AND SERIAL NUMBERS: _____	
4 RATED CAPACITY _____	gallons per minute
5 TYPE LUBRICATION <u>NA</u>	
6 DROP PIPE OR COLUMN PIPE SIZE: _____	
7 WIRE SIZE _____	
8 PRESSURE TANK SIZE MAKE, MODEL _____	
9 DATE OF INSTALLATION OR REPAIR _____	
10 Is there an abandoned water well on the property? _____	

2 3000 to 3500 ft  
cross gradient to  
W gradient

**STATE OF ARKANSAS**  
**REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

<b>A</b> 1 Contractor Name & Number: <u>A.W. Pool, Inc</u> 2 Driller Name & Number: <u>Arvil Keith Pool</u> 3 Pump Installer Name & Number: <u>NA</u> 4 Date Well Completed: <u>9/18/90</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>						C# <u>1099</u> D# <u>2101</u> P# _____		10 LOCATE WITH 'X' IN SECTION BELOW 		
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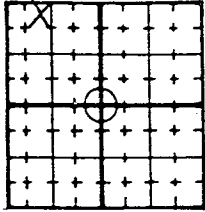
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	FROM	TO																										
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1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>	
2 SETTING DEPTH: FEET	
3 BRAND NAME AND SERIAL NUMBERS:	
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300072 3500 ft  
Cross gradient to  
up gradient

**STATE OF ARKANSAS**  
**REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

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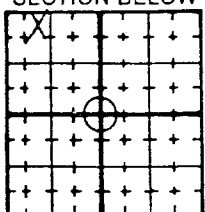
  

<b>B</b> 1. DESCRIPTION OF FORMATION: DEPTHS IN FEET <u>MW#2</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td><u>Sand &amp; Gravels-dry-tan-stiff</u></td> <td><u>0</u></td> <td><u>2</u></td> </tr> <tr> <td><u>Clay w/silt-brown-moist</u></td> <td><u>2</u></td> <td><u>12</u></td> </tr> <tr> <td><u>Clay w/shale-moist-tan</u></td> <td><u>12</u></td> <td><u>17</u></td> </tr> <tr> <td><u>Clay w/shale-dry-stiff-brown</u></td> <td><u>17</u></td> <td><u>27</u></td> </tr> <tr> <td colspan="3">ATTACH ADDITIONAL SHEETS IF NECESSARY</td> </tr> </tbody> </table>		FROM	TO	<u>Sand &amp; Gravels-dry-tan-stiff</u>	<u>0</u>	<u>2</u>	<u>Clay w/silt-brown-moist</u>	<u>2</u>	<u>12</u>	<u>Clay w/shale-moist-tan</u>	<u>12</u>	<u>17</u>	<u>Clay w/shale-dry-stiff-brown</u>	<u>17</u>	<u>27</u>	ATTACH ADDITIONAL SHEETS IF NECESSARY			<b>D</b> 1 LAND OWNER OR OTHER CONTACT PERSON: NAME <u>Westinghouse (Desoto South)</u> STREET ADDRESS <u>522 S. Zero St.</u> CITY <u>Ft. Smith, Arkansas</u> 2 CASING FROM <u>+2'</u> TO <u>17'</u> W/ <u>2"</u> ID FROM TO W/ "ID TYPE CASING: <u>PVC Sch 40</u> 3 SCREEN TYPE: <u>PVC Sch 40</u> DIA <u>2"</u> SLOT/GA <u>.010</u> SET FROM <u>17</u> FT TO <u>27</u> FT TYPE: DIA SLOT/GA SET FROM FT TO FT 4 GRAVEL PACK <u>300#</u> FROM <u>15</u> FT TO <u>27</u> FT 5 BACK FILLED WITH: <u>NA</u> FROM FT TO FT 6 SEALED WITH: <u>Cement &amp; Bentonite</u> <u>Cement</u> FROM <u>0</u> FT TO <u>13</u> FT <u>2 bags</u> <u>Bentonite</u> FROM <u>13</u> FT TO <u>15</u> FT <u>50#</u> 7 DISINFECTED WITH: 8 USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input checked="" type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____ (A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/> 9 (For A/C only) Will system also be used for purposes other than Heating or Air Conditioning? If yes, name use: yes <input type="checkbox"/> no <input type="checkbox"/> 10 (For A/C open-loop only) Into what medium is water returned? 11 REMARKS <u>Keith Pool</u> 12 SIGNED DATE <u>10/23/90</u>
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<b>C</b> PUMP REPORT 1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/> 2 SETTING DEPTH: FEET 3 BRAND NAME AND SERIAL NUMBERS 4 RATED CAPACITY gallons per minute 5 TYPE LUBRICATION <u>NA</u> 6 DROP PIPE OR COLUMN PIPE SIZE 7 WIRE SIZE 8 PRESSURE TANK... SIZE, MAKE, MODEL 9 DATE OF INSTALLATION OR REPAIR 10 Is there an abandoned water well on the property?	
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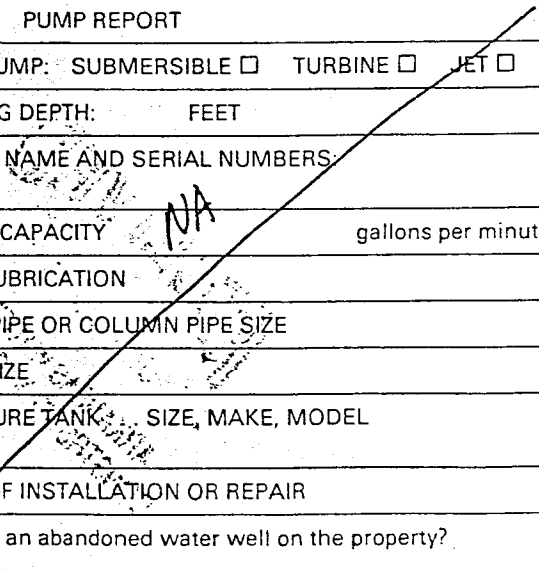
**STATE OF ARKANSAS**  
**REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION**

<b>A 1</b> Contractor Name & Number: <u>A.W. Pool, Inc</u> C# <u>1099</u> <b>2</b> Driller Name & Number: <u>Keith Pool</u> D# <u>210/</u> <b>3</b> Pump Installer Name & Number: <u>NA</u> P# _____ <b>4</b> Date Well Completed: <u>9/17/90</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>						<b>10</b> LOCATE WITH 'X' IN SECTION BELOW 
<b>5</b> COUNTY <u>Sebastian</u>		<b>6</b> FRACTION <u>NE 1/4 of NW 1/4 of</u>		<b>7</b> SECTION <u>5</u>		
<b>8</b> TOWNSHIP <u>7N</u>		<b>9</b> RANGE <u>32W</u>				
<b>11</b> LONGITUDE <u>35° 19' 40"</u>			<b>11</b> LATITUDE <u>94° 25' 20"</u>			

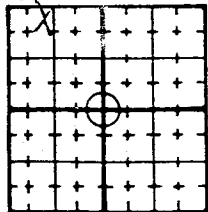
<b>B 1</b> DESCRIPTION OF FORMATION: DEPTHS IN FEET <u>MW#3</u> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td><u>Sand &amp; Gravel-white</u></td> <td align="center"><u>0</u></td> <td align="center"><u>7</u></td> </tr> <tr> <td><u>Sand-red</u></td> <td align="center"><u>7</u></td> <td align="center"><u>12</u></td> </tr> <tr> <td><u>Shaley sand-gray &amp; black</u></td> <td align="center"><u>12</u></td> <td align="center"><u>18</u></td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> <p><b>ATTACH ADDITIONAL SHEETS IF NECESSARY</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><b>2</b> TOTAL DEPTH OF WELL</td> <td align="center"><u>18</u> ft</td> </tr> <tr> <td><b>3</b> DEPTHS TO WATER PRODUCING FORMATIONS.</td> <td> </td> </tr> <tr> <td><b>4</b> STATIC WATER LEVEL</td> <td align="center"><u>3</u> Ft below land surface</td> </tr> <tr> <td><b>5</b> YIELD _____</td> <td>gallons per <input type="checkbox"/> min <input type="checkbox"/> hr</td> </tr> <tr> <td><b>6</b> DIAMETER OF BORE HOLE</td> <td align="center">IN</td> </tr> </table>		FROM	TO	<u>Sand &amp; Gravel-white</u>	<u>0</u>	<u>7</u>	<u>Sand-red</u>	<u>7</u>	<u>12</u>	<u>Shaley sand-gray &amp; black</u>	<u>12</u>	<u>18</u>													<b>2</b> TOTAL DEPTH OF WELL	<u>18</u> ft	<b>3</b> DEPTHS TO WATER PRODUCING FORMATIONS.		<b>4</b> STATIC WATER LEVEL	<u>3</u> Ft below land surface	<b>5</b> YIELD _____	gallons per <input type="checkbox"/> min <input type="checkbox"/> hr	<b>6</b> DIAMETER OF BORE HOLE	IN	<b>D 1</b> LAND OWNER OR OTHER CONTACT PERSON: NAME <u>Westinghouse (Desoto South)</u> STREET ADDRESS <u>522 S. Zero St.</u> CITY <u>Ft. Smith, Arkansas</u> <hr/> <b>2</b> CASING FROM <u>+2</u> TO <u>8</u> W/ <u>2</u> "ID FROM TO W/ "ID TYPE CASING: <u>PVC Sch 40</u> <hr/> <b>3</b> SCREEN TYPE: <u>PVC Sch 40 DIA 2"</u> SLOT/GA <u>-010</u> SET FROM <u>8</u> FT TO <u>18</u> FT TYPE: DIA SLOT/GA SET FROM FT TO FT <hr/> <b>4</b> GRAVEL PACK <u>20#</u> FROM <u>5</u> FT TO <u>18</u> FT <hr/> <b>5</b> BACK FILLED WITH: <u>NA</u> FROM FT TO FT <hr/> <b>6</b> SEALED WITH: <u>Cement &amp; Bentonite</u> FROM <u>0</u> FT TO <u>4</u> FT <u>24</u> bag <u>Bentonite</u> FROM <u>4</u> FT TO <u>5</u> FT <u>20#</u> <hr/> <b>7</b> DISINFECTED WITH: <hr/> <b>8</b> USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input checked="" type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____ <hr/> (A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/> <hr/> <b>9</b> (For A/C only) Will system also be used for purposes other than Heating or Air Conditioning? If yes, name use: _____ yes <input type="checkbox"/> no <input type="checkbox"/> <hr/> <b>10</b> (For A/C open-loop only) Into what medium is water returned? <hr/> <b>11</b> REMARKS <u>Keith Pool</u> <u>10/23/90</u> <b>12</b> SIGNED _____ DATE _____
	FROM	TO																																	
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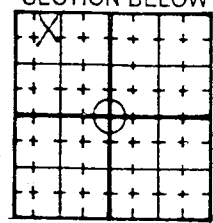
<b>C</b> PUMP REPORT	
<b>1</b> TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>	
<b>2</b> SETTING DEPTH: FEET	
<b>3</b> BRAND NAME AND SERIAL NUMBERS	
<b>4</b> RATED CAPACITY <u>NA</u> gallons per minute	
<b>5</b> TYPE LUBRICATION	
<b>6</b> DROP PIPE OR COLUMN PIPE SIZE	
<b>7</b> WIRE SIZE	
<b>8</b> PRESSURE TANK SIZE, MAKE, MODEL	
<b>9</b> DATE OF INSTALLATION OR REPAIR	
<b>10</b> Is there an abandoned water well on the property?	

STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION

3000 TO 3500 f  
up gradient to  
cross gradient

<b>A</b> 1 Contractor Name & Number: <u>A.W. Pool, Inc.</u> C# <u>1099</u> 2 Driller Name & Number: <u>Arvil Keith Pool</u> D# <u>2101</u> 3 Pump Installer Name & Number: <u>NA</u> P# _____ 4 Date Well Completed: <u>9/17/90</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>		10 LOCATE WITH 'X' IN SECTION BELOW 					
			5 COUNTY <u>Sebastian</u>	6 FRACTION <u>NE 1/4 of NW 1/4 of</u>	7 SECTION <u>5</u>	8 TOWNSHIP <u>7N</u>	9 RANGE <u>32W</u>
			LONGITUDE 11 <u>35° 19' 40"</u>		LATITUDE 11 <u>94° 25' 20"</u>		
<b>B1</b> DESCRIPTION OF FORMATION: DEPTHS IN FEET <u>MW#4</u>							
		FROM	TO				
<u>Sand w/ Gravel - orange brown - damp</u>		<u>0</u>	<u>2</u>				
<u>Sand w/ Clay - tan - wet</u>		<u>2</u>	<u>7</u>				
<u>Sand wet</u>		<u>7</u>	<u>8</u>				
<u>Clay w/ Siltstone - dry - stiff</u>		<u>8</u>	<u>12</u>				
<u>Shale w/ Clay - dry - stiff</u>		<u>12</u>	<u>17</u>				
ATTACH ADDITIONAL SHEETS IF NECESSARY							
2 TOTAL DEPTH OF WELL		<u>17</u> ft					
3 DEPTHS TO WATER PRODUCING FORMATIONS.							
4 STATIC WATER LEVEL		<u>6</u> Ft below land surface					
5 YIELD		gallons per <input type="checkbox"/> min <input type="checkbox"/> hr					
6 DIAMETER OF BORE HOLE		<u>7</u> IN					
<b>C</b> PUMP REPORT							
1 TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>							
2 SETTING DEPTH: FEET							
3 BRAND NAME AND SERIAL NUMBERS:							
4 RATED CAPACITY _____ gallons per minute							
5 TYPE LUBRICATION <u>NA</u>							
6 DROP PIPE OR COLUMN PIPE SIZE							
7 WIRE SIZE							
8 PRESSURE TANK SIZE, MAKE, MODEL							
9 DATE OF INSTALLATION OR REPAIR							
10 Is there an abandoned water well on the property?							
<b>D1</b> LAND OWNER OR OTHER CONTACT PERSON: NAME <u>Westinghouse (Desoto South)</u> STREET ADDRESS <u>522 S. Zero St.</u> CITY <u>Ft. Smith, Arkansas</u>							
2 CASING FROM <u>+2</u> TO <u>6</u> W/ <u>2</u> "ID FROM TO W/ "ID TYPE CASING: <u>PVC Sch 40</u>							
3 SCREEN TYPE: <u>PVC Sch 40</u> DIA <u>2"</u> SLOT/GA <u>.010</u> SET FROM <u>6</u> FT TO <u>16</u> FT TYPE: DIA SLOT/GA SET FROM FT TO FT							
4 GRAVEL PACK <u>300#</u> FROM <u>5</u> FT TO <u>17</u> FT							
5 BACK FILLED WITH: <u>NA</u> FROM FT TO FT							
6 SEALED WITH: <u>Cement &amp; Bentonite</u> <u>Cement</u> FROM <u>1</u> FT TO <u>2</u> FT <u>2</u> Bags <u>Bentonite</u> FROM <u>2</u> FT TO <u>5</u> FT <u>40#</u>							
7 DISINFECTED WITH:							
8 USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input checked="" type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____							
(A/C HEATPUMP TYPE WELLS) SOURCE <input type="checkbox"/> RETURN <input type="checkbox"/> CLOSED LOOP <input type="checkbox"/>							
9 (For A/C Only) Will system also be used for purposes other than Heating or Air Conditioning? If yes, name use: yes <input type="checkbox"/> no <input type="checkbox"/>							
10 (For A/C open-loop only) Into what medium is water returned?							
11 REMARKS							
<u>Keith Pool</u> <u>10/23/90</u> 12 SIGNED DATE							

STATE OF ARKANSAS  
REPORT ON WATER WELL CONSTRUCTION & PUMP INSTALLATION

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<b>2</b> Driller Name & Number: <u>Arvil Keith Pool</u> D# <u>2101</u>									
<b>3</b> Pump Installer Name & Number: <u>NA</u> P# _____									
<b>4</b> Date Well Completed: <u>9/17/90</u> New Well <input checked="" type="checkbox"/> Replace or Work-over <input type="checkbox"/>									
<b>5</b> COUNTY <u>Sebastian</u>		<b>6</b> FRACTION <u>NE 1/4 of NW 1/4 of</u>		<b>7</b> SECTION <u>5</u>		<b>8</b> TOWNSHIP <u>7N</u>		<b>9</b> RANGE <u>32W</u>	
<b>11</b> LONGITUDE <u>35° 19' 40"</u>				<b>11</b> LATITUDE <u>94° 25' 20"</u>					

<b>B 1</b> DESCRIPTION OF FORMATION: DEPTHS IN FEET <u>MW#5</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">FROM</th> <th style="width: 50%;">TO</th> </tr> </thead> <tbody> <tr> <td>Sand w/Gravel-orangebrown-clamp</td> <td>0 2</td> </tr> <tr> <td>Sand w/Clay-wet-orange-soft</td> <td>2 12</td> </tr> <tr> <td>Clay-tan-dry</td> <td>12 13</td> </tr> <tr> <td>Clay w/s hale-dk gray-stiff</td> <td>13 17</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	FROM	TO	Sand w/Gravel-orangebrown-clamp	0 2	Sand w/Clay-wet-orange-soft	2 12	Clay-tan-dry	12 13	Clay w/s hale-dk gray-stiff	13 17									<b>D 1</b> LAND OWNER OR OTHER CONTACT PERSON: NAME <u>Westinghouse (Desoto South)</u> STREET ADDRESS <u>522 S. Zero St.</u> CITY <u>Ft. Smith, Arkansas</u>
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<b>8</b> USE OF WELL: DOMESTIC <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> IRRIGATION <input type="checkbox"/> MONITOR <input checked="" type="checkbox"/> LIVESTOCK/POULTRY <input type="checkbox"/> TEST WELL <input type="checkbox"/> OIL/GAS SUPPLY <input type="checkbox"/> SEMI-PUBLIC <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> OTHER _____																			
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<b>12</b> SIGNED _____ DATE <u>10/23/90</u>																			

<b>C</b> PUMP REPORT	
<b>1</b> TYPE PUMP: SUBMERSIBLE <input type="checkbox"/> TURBINE <input type="checkbox"/> JET <input type="checkbox"/>	
<b>2</b> SETTING DEPTH: FEET	
<b>3</b> BRAND NAME AND SERIAL NUMBERS	
<b>4</b> RATED CAPACITY <u>NA</u> gallons per minute	
<b>5</b> TYPE LUBRICATION <u>NA</u>	
<b>6</b> DROP PIPE OR COLUMN PIPE SIZE	
<b>7</b> WIRE SIZE	
<b>8</b> PRESSURE TANK SIZE, MAKE, MODEL	
<b>9</b> DATE OF INSTALLATION OR REPAIR	
<b>10</b> Is there an abandoned water well on the property?	

*Geologer*

**Ecological Exclusion Worksheet**  
*Appendix E*

*August 30, 2006*  
*Project No. 0014507*

**Environmental Resources Management**  
15810 Park Ten Place, Suite 300  
Houston, Texas 77084-5140  
(281) 600-1000

**APPENDIX E**

**ECOLOGICAL EXCLUSION SCREENING**

**ECOLOGICAL EXCLUSION CRITERIA WORKSHEET**  
**AND**  
**ECOLOGICAL ASSESSMENT CHECKLIST**



## Ecological Screening

### Introduction

Region 6 is providing an Ecological Exclusion Criteria Worksheet and Ecological Assessment Checklist to help facilities and regulators determine whether or not further ecological evaluation is necessary at an affected property where corrective action is being pursued. Chapter 2 of the CAS provides additional information on the Ecological Screening process.

Ecological screening under the CAS is a relatively simple process. It involves; 1) collecting general information about the facility, its operation, physical site characteristics, ecological habitats and receptors utilizing the Ecological Exclusion Criteria Worksheet and determining if incomplete or insignificant exposure pathways exist at the affected property that eliminate the need for further ecological evaluation, and 2) if an area cannot be excluded from further evaluation, collecting more detailed information about ecological areas utilizing the Ecological Assessment Checklist to assist in further ecological risk evaluations.

If the affected property meets the exclusion criteria, then the facility should document the site conditions and justification for how the criteria have been met within the risk evaluation report. Upon review and approval of the exclusion by the administrative authority, the facility will not be required to conduct any further evaluation of ecological risk.

If the affected property does not meet the exclusion criteria, then further evaluation is warranted and the facility should address the conduct of additional activities (screening level or detailed risk assessment, interim measures) within the risk management plan. Additional ecological risk screening/assessment should be conducted following EPAs *Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments* dated June 5, 1997 and *Guidelines for Ecological Risk Assessment (EPA/630/R-95/002F)* dated April 1998 or a state approved guidance for ecological risk evaluation. Natural Resources Trustees should also be notified to see if they choose to participate, in order to ensure that natural resources under their jurisdiction are adequately protected.

Additional references and sources of information to aid further ecological assessment follows:

- U.S. EPA. 1999. *Ecological Risk Assessment and Risk Management Principles for Superfund Sites*, Final. OSWER Directive 9285.7-28 P. <http://www.epa.gov/superfund/programs/risk/ecorisk/final99.pdf>
- U.S. EPA. 1999. *ECOTOX Version 2.0*. Office of Research and Development, National; Health and Environmental Effects Lab, Mid-Continent Ecology Division. <http://www.epa.gov/ecotox>
- U.S. EPA. 1998. *Guidelines for Ecological Risk Assessment*, Final. EPA/630/R-95/002F. <http://www.epa.gov/ncea/ecorsk.htm>
- U. S. EPA. 1997. *Ecological Risk Assessment Guidance for Superfund, Process for Designing and Conducting Ecological Risk Assessments*, Interim Final. EPA 540-R-97-006, OSWER Directive # 9285.7-25.

<http://www.epa.gov/superfund/programs/risk/ecorisk/ecorisk.htm>

- U.S. EPA. 1996. *ECOTOX Thresholds*. ECO Update, Interim Bulletin, Volume 3, Number 2. Washington, D.C. Office of Emergency and Remedial Response, Hazardous Site Evaluation Division; Publication 9345.0-12Fsi EPA/540/F-95/038; NTIS PB95963324.
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- U.S. EPA. 1992. *Developing a Work Scope for Ecological Assessments*. ECO Update, Interim Bulletin, Volume 1, Number 4. Washington, D.C. Office of Emergency and Remedial Response, Hazardous Site Evaluation Division; Publication 9345.005I.
- U.S. EPA. 1992. *The Role of the Natural Resource Trustees in the Superfund Process*. ECO Update, Interim Bulletin, Volume 1, Number 3. Washington, D.C. Office of Emergency and Remedial Response, Hazardous Site Evaluation Division; Publication 9345.0-05I.
- U.S. EPA. 1991. *Ecological Assessment of Superfund Sites: An Overview*. ECO Update, Interim Bulletin, Volume 1, Number 2. Washington, D.C. Office of Emergency and Remedial Response, Hazardous Site Evaluation Division; Publication 9345-0-05I.
- U.S. EPA. 1991. *The Role of BTAGs in Ecological Assessment*. ECO Update, Interim Bulletin, Volume 1, Number 1. Washington, D.C. Office of Emergency and Remedial Response, Hazardous Site Evaluation Division; Publication 9345-0-05I.

## ECOLOGICAL EXCLUSION CRITERIA WORKSHEET

The Exclusion Criteria Worksheet is intended to aid facilities and regulators in determining whether or not further ecological evaluation is necessary at an affected property where a response action is being pursued utilizing the CAS. Exclusion criteria refer to those conditions at an affected property which preclude the need for a formal ecological risk assessment (ERA) because there are incomplete or insignificant ecological exposure pathways due to the nature of the affected property setting and/or the condition of the affected property media. The person completing the worksheet should be familiar with the affected property but need not be a professional scientist in order to respond, although some questions will likely require contacting a wildlife management agency (U.S. Fish and Wildlife Service, etc.). The worksheet is designed for general applicability to all affected property; however, there may be unusual circumstances which require professional judgement in order to determine the need for further ecological evaluation (e.g., cave-dwelling receptors). In these cases, it is strongly encouraged to contact your state regulatory agency for additional guidance before proceeding.

The worksheet consists of three major parts. Part 1, identification of the affected property and background information, Part 2, the actual exclusion criteria and supportive information, and Part 3, a qualitative summary statement and certification of the information submitted. Answers to the worksheet should reflect existing conditions and should not consider future remedial actions at the affected property. Completion of the worksheet should lead to a logical conclusion as to whether further ecological evaluation is warranted. Definitions of terms used in the worksheet are provided and users are encouraged to review these definitions before completing the worksheet.

The Exclusion Worksheet has been adapted from and follows the Texas Natural Resources Conservation Commission (TNRCC) Texas Risk Reduction Program (TRRP) Tier 1 Checklist. TNRCC has developed some additional information regarding the use of their Tier 1 Checklist which should also be consulted in completing the CAS Ecological Exclusion Criteria Worksheet. This information can be found in Chapter 2 of TNRCC's Guidance for Conducting Ecological Risk Assessments at Remediation Sites in Texas, Draft Final, August 2000; [http://www.tnrcc.state.tx.us/permitting/remed/techsupp/erag8\\_00.pdf](http://www.tnrcc.state.tx.us/permitting/remed/techsupp/erag8_00.pdf)

### Part 1. Affected Property Identification and Background Information

- 1) Provide a description of the specific area of the response action and the nature of the release. Include estimated acreage of the affected property and the facility property, and a description of the type of facility and/or operation associated with the affected property. Also describe the location of the affected property with respect to the facility property boundaries and public roadways.

The Whirlpool Fort Smith facility (Figure 1) consists of approximately 153 acres. The developed portion of the property consists of a warehouse, manufacturing facility and water treatment plant. Concrete driveways and concrete and asphalt parking areas surround the structures. Residential areas are located to the north and south of the property, and commercial industrial properties are located to the east and west. Affected soil that is limited to an area less than one acre in size is covered with concrete and/or

gravel road base and is located inside the manufacturing area property line. Affected ground water is present in the vicinity of the manufacturing building on-site extends north across Ingersoll Avenue and Jacobs Avenue over an area that is approximately 25 acres in size. Based on delineation activities, the affected ground water does not contact any surface water bodies.

Attach available USGS topographic maps and/or aerial or other affected property photographs to this form to depict the affected property and surrounding area.

X  Topo map Figure 1        Aerial photo       X  Other Figure 2

- 2) Identify the environmental media known or suspected to contain chemicals of concern (COCs) at the present time. Check all that apply:

<u>Known/Suspected COC Location</u>		<u>Based on sampling data?</u>			
<u> X </u>	Soil $\leq$ 5 ft below ground surface	<u> X </u>	Yes	<u> </u>	No
<u> X </u>	Soil > 5 ft below ground surface	<u> X </u>	Yes	<u> </u>	No
<u> X </u>	Groundwater	<u> X </u>	Yes	<u> </u>	No
<u> </u>	Surface Water/Sediments	<u> </u>	Yes	<u> X </u>	No

Explain (previously collected information may be referenced):

The area where COCs have been identified in near-surface soils ( $\leq$ 5 feet below ground surface) is totally contained within the fence line of the manufacturing facility. All areas of affected soil are covered with road-base gravel and/or concrete. The ground water plume (as defined by the 0.005 mg/l concentration level of TCE) extends approximately 600 feet to the north facility boundary (Figure 2)

- 3) Provide the information below for the nearest surface water body which has become or has the potential to become impacted from migrating COCs via surface water runoff, air deposition, groundwater seepage, etc.

Exclude: wastewater treatment facilities and stormwater conveyances/impoundments authorized by permit.

Also exclude: conveyances, decorative ponds, and those portions of the process facilities which are:

- a. Not in contact with surface waters of the State or other surface waters which are ultimately in contact with surface waters of the State; and
- b. Not consistently or routinely utilized as valuable habitat for natural communities including birds, mammals, reptiles, etc.

The nearest surface water body is 1200 feet from the affected property. The surface water body is named Mill Creek. The surface water body is best described as a:

☒ Freshwater stream: ☒ perennial (has water year round)  
☐ intermittent (dries up completely for at least one week per year)  
☐ intermittent with perennial pools

☐ Freshwater swamp/marsh/wetland  
☐ Saltwater or brackish swamp/marsh/wetland  
☐ Reservoir, lake or pond; approximate surface acres \_\_\_\_\_  
☐ Drainage ditch  
☐ Tidal stream  
☐ Other (specify) \_\_\_\_\_

Is the water body listed as a State classified segment?

☒ Yes Segment # 11110105002991 Use classification: Primary Contact Recreation, Secondary Contact Recreation, Fisheries, Domestic Water Supply, Industrial Water Supply, and Agricultural Water Supply (ADEQ Water Regulation #2, Chapter #3, pages 15-19 and A20).  
☐ No

If the water body is not a State classified segment, identify the first downstream classified segment.

Name: \_\_\_\_\_  
Segment #: \_\_\_\_\_  
Use classification \_\_\_\_\_

As necessary, provide further description of surface waters in the vicinity of the affected property:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Part 2. Exclusion Criteria and Supportive Information

### Subpart A. Surface Water/Sediment Exposure

- 1) Regarding the affected property where a response action is being pursued, have COCs migrated and resulted in a release or imminent threat of release to either surface waters or to their associated sediments via surface water runoff, air deposition, groundwater seepage, etc.

Exclude: wastewater treatment facilities and storm water conveyances/impoundments authorized by permit.

Also exclude: conveyances, decorative ponds, and those portions of the process facilities which are:

- a. Not in contact with surface waters of the State or other surface waters which are ultimately in contact with surface waters of the State; and
- b. Not consistently or routinely utilized as valuable habitat for natural communities including birds, mammals, reptiles, etc.

\_\_\_\_\_ Yes                        X   No

Explain: Based on ground water data collected in April 2006, Mill Creek is more than 1,000 feet from the apparent edge of the ground water plume as defined by 0.005 mg/l tetrachloroethene. An interpretation of boring logs indicates the transmissive zone that contains the TCE is discontinuous in the area to the northeast of the plume and is not connected to the creek.

**If the answer is Yes to Subpart A above, the affected property does not meet the exclusion criteria.** (However, complete the remainder of Part 2, to determine if there is a complete and/or significant soil exposure pathway, then complete Part 3, Qualitative Summary and Certification).

**If the answer is No to Subpart A above, go to Subpart B.**

### Subpart B. Affected Property Setting

In answering Yes to the following question, it is understood that the affected property is not attractive to wildlife or livestock, including threatened or endangered species (i.e., the affected property does not serve as valuable habitat, foraging area, or refuge for ecological communities). May require consultation with management agencies.

- 1). Is the affected property wholly contained within contiguous land characterized by: pavement, buildings, landscaped area, functioning cap, roadways, equipment storage area, manufacturing or process area, or other surface cover or structure, or otherwise disturbed ground?  
\_\_\_\_\_ Yes                        X   No

Explain: The affected soil is wholly contained within the manufacturing area and is covered by concrete and/or road-base gravel. The affected ground water extends beyond the manufacturing facility property line to the north approximately 600 feet into a residential area that is characterized by residential buildings and landscaped yards. The affected ground water does not appear to contact any surface water body.

**If the answer is Yes to Subpart B above, the affected property meets the exclusion criteria, assuming the answer to Subpart A was No.** (Skip Subparts C and D and complete Part 3, Qualitative Summary and Certification).

**If the answer is No to Subpart B above, go to Subpart C.**

**Subpart C. Soil Exposure**

- 1) Are COCs which are in the soil of the affected property solely below the first 5 feet beneath ground surface or does the affected property have a physical barrier present to prevent exposure to receptors to COCs in the surface soil?

  X   Yes                             No

Explain: COCs in the soil of the affected property are solely below the first five feet with the exception of TCE in two locations that are wholly contained within the manufacturing area and are covered by concrete and/or road-base gravel. Reported TCE concentrations in these locations (0.009 to 0.012 ppm) are an order of magnitude below the residential media specific screening value (2.8 ppm).

**If the answer is Yes to Subpart C above, the affected property meets the exclusion criteria, assuming the answer to Subpart A was No. (Skip Subpart D and complete Part 3, Qualitative Summary and Certification).**

**If the answer is No to Subpart C above, go to Subpart D.**

**Subpart D. DeMinimus Land Area**

In answering Yes to the question below, it is understood that all of the follow conditions apply:

- The affected property is not known to serve as habitat, foraging area, or refuge to threatened/endangered or otherwise protected species. (Will likely require consultation with wildlife management agencies).
- Similar but unimpacted habitat exists within a half-mile radius.
- The affected property is not know to be located within one-quarter mile of sensitive environmental areas (e.g., rookeries, wildlife management areas, preserves). (Will likely require consultation with wildlife management agencies).
- There is no reason to suspect that the COCs associated with the affected property will migrate such that the affected property will become larger than one acre.
- Using human health protective concentration levels as a basis to determine the extent of the COCs, does the affected property consist of one acre or less and does it meet all the conditions described above?

       Yes                             No

Explain how the conditions are/are not met: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**If the answer is Yes to Subpart D, then no further ecological evaluation is needed at the affected property, assuming the answer to Subpart A was No. (Complete Part 3,**

Qualitative Summary and Certification).

**If the answer is No to Subpart D, Proceed to an Ecological Risk Evaluation.**

### **Part 3. Qualitative Summary and Certification (Complete in all cases)**

Attach a brief statement (1 page or less) summarizing the information you have provided in this form. This summary should include sufficient information to verify that the affected property meets or does not meet the exclusion criteria. The facility should make the initial decision regarding the need to conduct further ecological evaluation based on the results of this worksheet. However, the State will make a final determination on the need for further ecological assessment.

The Whirlpool Fort Smith facility consists of approximately 153 acres. The developed portion of the property consists of a warehouse, manufacturing facility and water treatment plant. Concrete driveways and concrete and asphalt parking areas surround the structures. Residential areas are located to the north and south of the property, and commercial industrial properties are located to the east and west.

There are two separate areas that are affected by COCs. One area contains affected soil that is covered with concrete and/or gravel road base, is located inside the manufacturing area property line, and is less than one acre in size. The other area contains affected ground water that extends from inside the facility's property line to north of Ingersoll Avenue and Jacobs Avenue and is less than twenty acres in size.


COCs in the soil of the affected property are solely below the first five feet with the exception of TCE in two locations that are wholly contained within the manufacturing area and are covered by concrete and/or road-base gravel. Reported TCE concentrations in these locations (0.009 to 0.012 ppm) are an order of magnitude below the residential media specific screening value (2.8 ppm).

Based on delineation activities, the affected ground water does not likely contact any surface water bodies. Based on groundwater data collected in April 2006, Mill Creek (the nearest surface water body) is more than 1000 feet from the apparent edge of the ground water plume as defined by 0.005 mg/l tetrachloroethene. Lithology indicates the transmissive zone that contains the COCs is discontinuous in the area to the northeast of the plume and is probably not connected to the creek or any other ecological receptors in the vicinity of the facility.

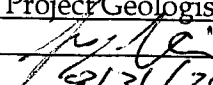
Therefore, no further ecological evaluations are warranted at the site.

**Note : the facility has the continuing obligation to re-enter the ERA process if changing circumstances result in the affected property not meeting the exclusion criteria requirements presented in this worksheet.**



Completed by: Troy Meinen (Typed Name)  
Project Geologist (Title)  
 8/31/06 (Date)

I believe that the information submitted is true, accurate, and complete, to the best of my knowledge.

Troy Meinen (Typed Name of Person)  
Project Geologist (Title of Person)  
 (Signature of Person)  
8/31/2006 (Date Signed)

### Definitions (applicable to Exclusion Worksheet)

**Affected property** - The entire area (i.e., on-site and off-site; including all environmental media) which contains releases of chemicals of concern at concentrations equal to or greater than the assessment level applicable for the land use (i.e., residential or commercial/industrial) and groundwater classification.

**Assessment level** - a critical protective concentration level for a chemical of concern used for affected property assessments where the human health protective concentration level is established by State regulation or guidance.

**Bedrock** - the solid rock (i.e., consolidated, coherent, and relatively hard naturally formed material that cannot normally be excavated by manual methods alone) that underlies gravel, soil, or other surficial material.

**Chemicals of concern** - any chemical that has the potential to adversely affect ecological or human receptors due to its concentration, distribution, and mode of toxicity.

**Community** - an assemblage of plant and animal populations occupying the same habitat in which the various species interact via spatial and trophic relationships (e.g., a desert community or a pond community).

**Complete exposure pathway** - an exposure pathway where a human or ecological receptor is exposed to a chemical of concern via an exposure route (e.g., incidental soil ingestion, inhalation of volatiles and particulates, consumption of prey, etc).

**De Minimus** - the description of an area of affected property comprised of one acre or less where the ecological risk is considered to be insignificant because the small extent of contamination, the absence of protected species, the availability of similar unimpacted habitat nearby, and the lack of adjacent sensitive environmental areas.

**Ecological protective concentration level** - the concentration of a chemical of concern at the point of exposure within an exposure medium (e.g., soil, sediment, groundwater, or surface water) which is determined to be protective for ecological receptors. These concentration levels are intended to be protective for more mobile or wide-ranging ecological receptors and, where appropriate benthic invertebrate communities within waters of the State. These concentration levels are not intended to be directly protective of receptors with limited mobility or ranges (e.g., plants, soil invertebrates, and small rodents), particularly those residing within active areas of a facility, unless these receptors are threatened/endangered species or unless impacts to these receptors result in disruption of the ecosystem or other unacceptable consequences of the more mobile or wide-ranging receptors (e.g., impacts to an off-site grassland habitat eliminate rodents which causes a desirable owl population to leave the area).

**Ecological risk assessment** - a process that evaluates the likelihood that adverse ecological effects may occur or are occurring as a result of exposure to one or more stressors; however, as used in this context, only chemical stressors (i.e., COCs) are evaluated.

**Environmental medium** - a material found in the natural environment such as soil, (including non-waste fill materials), groundwater, air, surface water, and sediments, or a mixture of such materials with liquids, sludges, gasses or solids, including hazardous waste which is inseparable by simple mechanical removal processes, and is made up of primarily of natural environmental material.

**Exclusion criteria** - those conditions at an affected property which preclude the need to establish a protective concentration level for an ecological exposure pathway because the exposure pathway between the chemical of concern and the ecological receptors is not complete or is insignificant.

**Exposure medium** - the environmental medium or biological tissue in which or by which exposure to chemicals of concern by human or ecological receptors occurs.

**Facility** - the installation associated with the affected property where the release of chemicals of concern have occurred.

**Functioning cap** - a low permeability layer or other approved cover meeting its design specifications to minimize water infiltration and chemical of concern migration, and prevent ecological or human receptor exposure to chemical of concern, where design requirements are routinely maintained.

**Landscaped area** - an area of ornamental, or introduced, or commercially installed, or manicured vegetation, which is routinely maintained.

**Off-site property** - all environmental media which is outside the legal boundaries of the on-site property.

**On-site property** - all environmental media within the legal boundaries of a property that has become subject to corrective action, either through voluntary action, permit or order.

**Physical barrier** - any structure or system, natural or manmade, that prevents exposure or prevents physical migration of chemicals of concern to points of exposure.

**Point of exposure** - the location within an environmental medium where a receptor will be assumed to have a reasonable potential to come into contact with chemicals of concern. The point of exposure may be a discrete point, plane, or an area within or beyond some location.

**Protective concentration level** - the concentration of a chemical of concern which can remain within the source medium and not result in levels which exceed the applicable human health risk based exposure limit considering cumulative risk and hazard index for both carcinogenic and non-carcinogenic effects respectively, or ecological protective concentration level at the point of exposure for that exposure pathway.

**Release** - any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment, with the exception of:

- a release that results in an exposure to a person solely within a workplace, concerning a claim that the person may assert against the persons employer;
- an emission from the engine exhaust of a motor vehicle, rolling stock, aircraft, vessel, pipeline pumping station engine;
- a release of source, by product, or special nuclear material a nuclear incident, as those terms identified by the Atomic Energy Act of 1954, as amended (42 USC 2201 et. seq.); if the release area is subject to requirements concerning financial protection established by the Nuclear Regulatory Commission under Section 170 of that Act;
- for the purpose of the environmental response law Section 104, as amended, or other response action, release of source, by-product, or special nuclear material from a processing site designated under Section 102(a)(1) for Section 302(a) of the Uranium Mill Tailings Radiation Control Act of 1978 (42 USC Section 7912 and Section 7942) as amended; and
- the normal application of fertilizer.

**Sediment** - non-suspended particulate material lying below surface waters such as bays, the ocean, rivers, streams, lakes, ponds, or other similar surface water body (including intermittent streams). Dredged sediments which have been removed from surface water bodies and placed on land shall be considered soils.

**Sensitive environmental areas** - areas that provide unique and often protected habitat for wildlife species. These areas are typically used during critical life stages such as breeding, hatching, rearing of young, and overwintering. Examples include; critical habitat for threatened and endangered species, wilderness areas, parks and wildlife refuges.

**Source medium** - an environmental medium containing chemicals of concern which must be removed, decontaminated and/or controlled in order to protect human health and the

environment. The source medium may be the exposure medium for some exposure pathways.

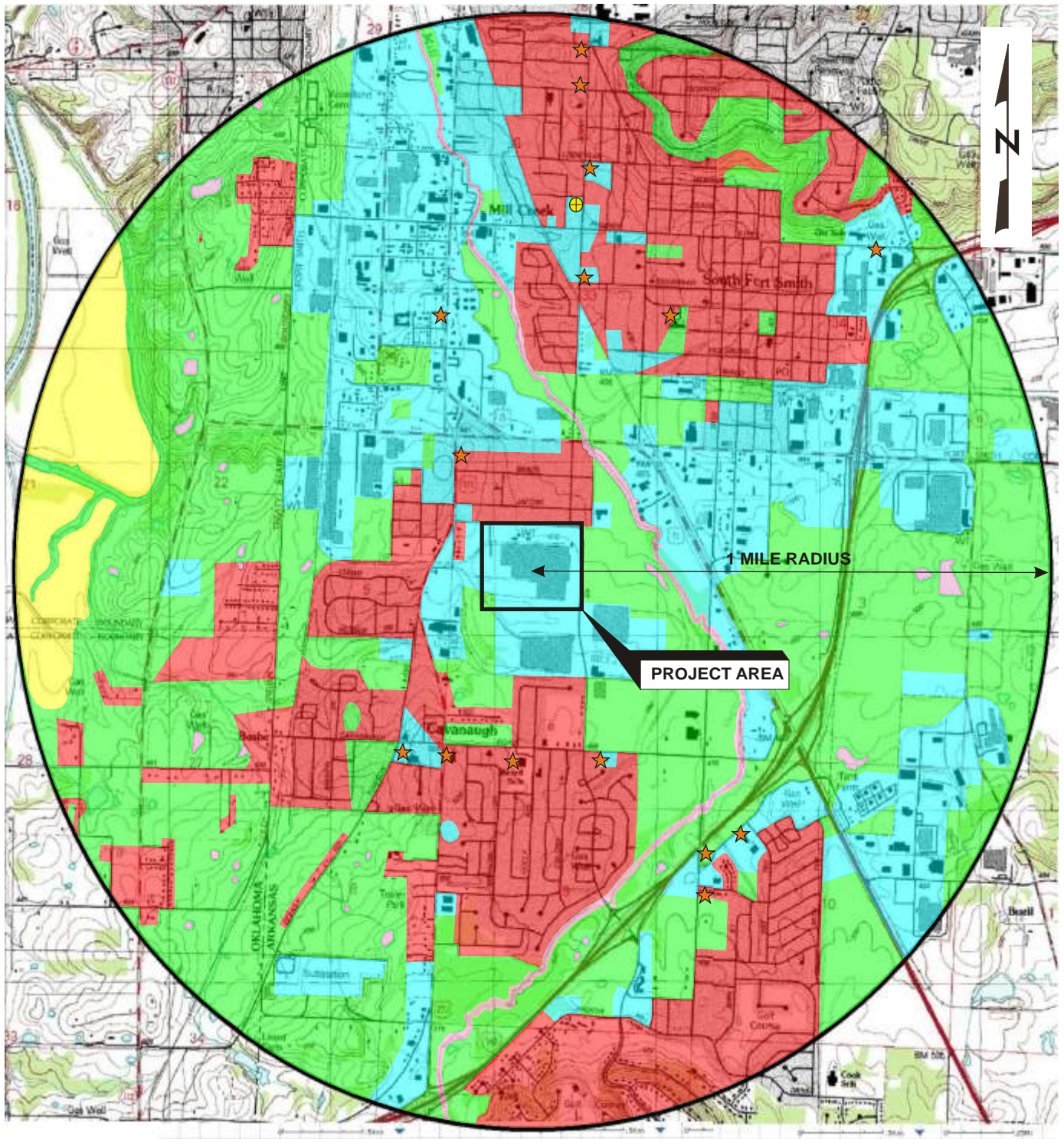
**Stressor** - any physical, chemical, or biological entity that can induce an adverse response; however, as used in this context, only chemical entities apply.

**Subsurface soil** - for human health exposure pathways, the portion of the soil zone between the base of the surface soil and the top of the groundwater-bearing unit(s). For ecological exposure pathways, the portion of the soil zone between 0.5 feet and 5 feet in depth.

**Surface cover** - a layer of artificially placed utility material (e.g., shell, gravel).

**Surface soil** - for human health exposure pathways, the soil zone extending from ground surface to 15 feet in depth for residential land use and from ground surface to 5 feet in depth for commercial/industrial land use; or to the top of the uppermost groundwater-bearing unit or bedrock, whichever is less in depth. For ecological exposure pathways, the soil zone extending from ground surface to 0.5 feet in depth.

**Surface water** - any water meeting the definition of surface water as defined by the authorized State.



SOURCE: U.S.G.S. 7.5 Minute Quadrangle, South Fort Smith, Arkansas, 19\_\_.

**LEGEND:**

0 1500 3000  
SCALE FEET

- |  |   |
|--|---|
| <span style="display: inline-block; width: 15px; height: 15px; background-color: red; border: 1px solid black;"></span> RESIDENTIAL              | <span style="display: inline-block; width: 15px; height: 15px; background-color: pink; border: 1px solid black;"></span> SURFACE WATER                          |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: green; border: 1px solid black;"></span> UNDERDEVELOPED         | <span style="display: inline-block; width: 15px; height: 15px; background-color: yellow; border: 1px solid black; border-radius: 50%;"></span> HOSPITAL         |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: yellow; border: 1px solid black;"></span> AGRICULTURAL          | <span style="display: inline-block; width: 15px; height: 15px; background-color: orange; border: 1px solid black; border-radius: 50%;"></span> SCHOOL / DAYCARE |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: blue; border: 1px solid black;"></span> COMMERCIAL / INDUSTRIAL |   |

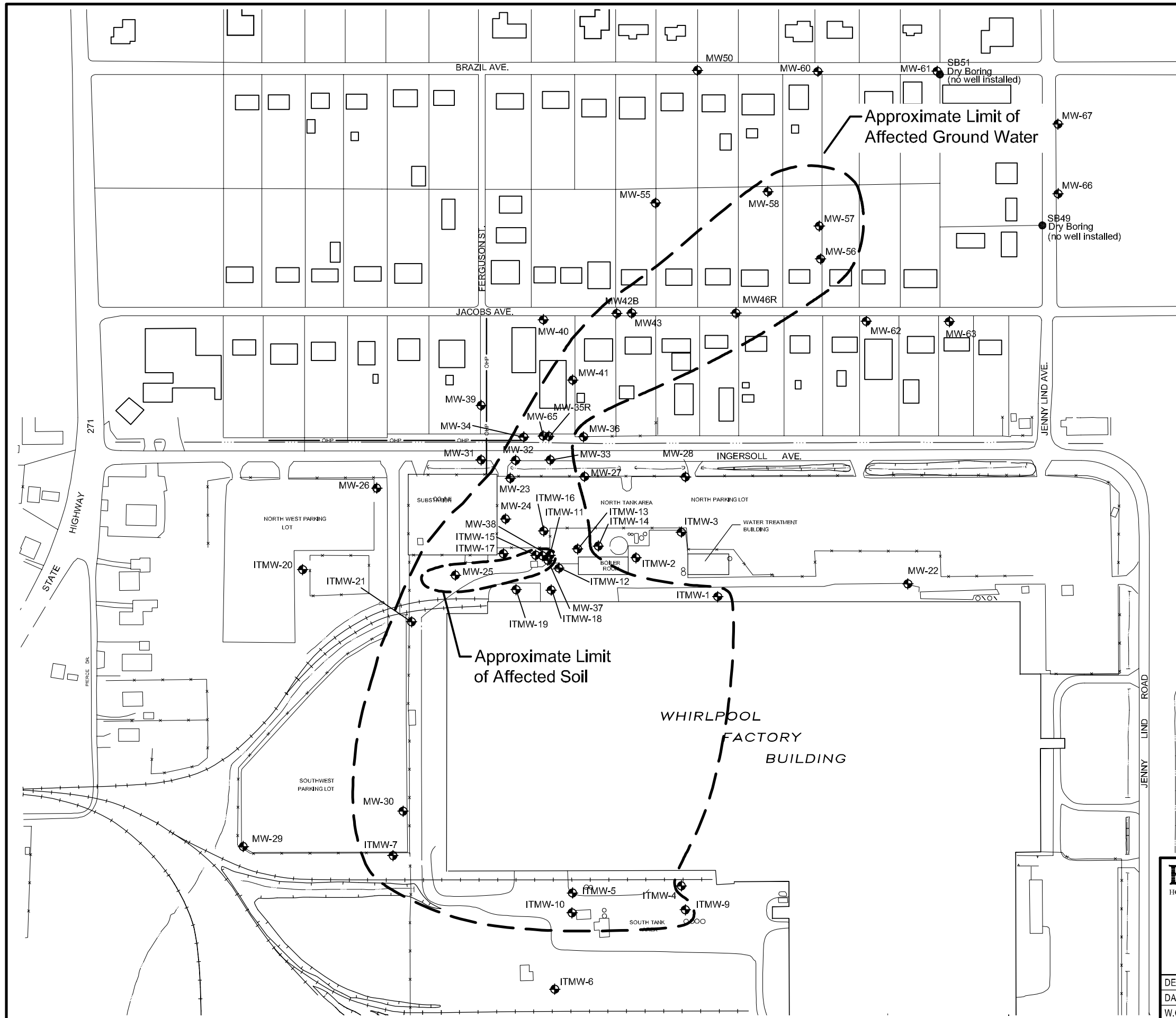
**ERM-Southwest, Inc.**

HOUSTON • NEW ORLEANS • AUSTIN • DALLAS • BEAUMONT • BATON ROUGE

**FIGURE E-1**  
**TOPOGRAPHIC MAP**  
Whirlpool Corporation  
Fort Smith, Arkansas



DESIGN: JCT	CHKD.: TM	DATE: 08/25/06	REV.: 0
DRAWN: JEM	SCALE: AS SHOWN	W.O.NO.: 581007A208 H06	



LEGEND

EXISTING MONITORING WELL

**ERM-Southwest, Inc.**  
HOUSTON · NEW ORLEANS · AUSTIN · MOBILE · BEAUMONT · BATON ROUGE

FIGURE E-2  
APPROXIMATE EXTENT OF AFFECTED SOIL  
AND GROUND WATER MAP  
Whirlpool Corporation  
Fort Smith, Arkansas



DESIGN: DCB	DRAWN: CAK	CHKD: TWM
DATE: 08/23/06	SCALE: AS SHOWN	REV.:
W.O.NO.: H:\dwg\H06\0048030b205.dwg, 8/25/2006 11:12:02 AM		

**Correspondence with Local Government**  
*Appendix F*

*August 30, 2006*  
*Project No. 0014507*

**Environmental Resources Management**  
15810 Park Ten Place, Suite 300  
Houston, Texas 77084-5140  
(281) 600-1000





6400 JENNY LIND • FORT SMITH, ARKANSAS 72908-7493

Phone#

783-3932

fax

784-1541

February 15, 2001

Gerald Roberts, Coordinator  
LEPC  
40 South 4<sup>th</sup> St.  
Fort Smith, AR 72901

LEPC

Dear Mr. Roberts,

This letter is a follow-up to our recent telephone conversation regarding Whirlpool's groundwater testing that will occur in March 2001.

As I mentioned, Whirlpool is expanding its groundwater testing on its property, north of its Fort Smith manufacturing facility some time in March. We wanted you to be aware of the testing because the wells will be drilled adjacent to Ingersol Road and you may receive inquiries from members of the community.

Here's some background information on this project: The Fort Smith plant has been monitoring groundwater at its facility since 1989 when traces of Trichloroethylene (TCE) were found while removing underground fuel storage tanks. TCE was widely used by Whirlpool, other industries and sold commercially for home use during this time. Whirlpool discontinued use of TCE in 1985 and parts are now cleaned with a water-based material.

All tests conducted prior to December 2000 confirmed the substance has been confined within Whirlpool property, however, results of the December tests showed small traces of TCE on the north side of its property which is driving further testing in this area. Environmental experts monitoring the wells believe the substance is confined within our property, however, as an added precaution, the company will test the groundwater on its property, north of Ingersol Road to rule out that the substance has moved beyond our property.

We are working with the Arkansas Department of Environmental Quality (ADEQ) during this testing phase and are contacting neighbors in the area and the local government agencies listed below.

If you have any questions, please contact me at 648-2698.

Sincerely,

Scott Horton  
Senior Environmental Engineer

cc: LEPC  
Health Department  
City Administrator  
Mayor's Office

Gerald,

*I talked to your  
receptionist this morning,  
but I'll try to call you  
again, later today.*





Fort Smith Division

6400 JENNY LIND • FORT SMITH, ARKANSAS 72908-7493 • AREA CODE 501 648-2000

February 15, 2001

Paula Dozier, Administrator  
County Health Department  
3112 So. 70<sup>th</sup>  
Fort Smith, AR 72903

Dear Mrs. Dozier:

This letter is a follow-up to our recent telephone conversation regarding Whirlpool's groundwater testing that will occur in March 2001.

As I mentioned, Whirlpool is expanding its groundwater testing on its property, north of its Fort Smith manufacturing facility some time in March. We wanted you to be aware of the testing because the wells will be drilled adjacent to Ingersol Road and you may receive inquiries from members of the community.

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If you have any questions, please contact me at 648-2698.

Sincerely,

Scott Horton  
Senior Environmental Engineer

cc: LEPC  
Health Department  
City Administrator  
Mayor's Office

Phone #

452-8600

fax #

452-7844

Healy Dept



## FAX TRANSMISSION

DATE: 2/15/2001  
TO: David Miesner  
COMPANY: ADEQ - Ft. Smith Office  
FAX #: 452-4827  
FROM: Scott Horton  
FAX #: 648-<sup>2431</sup>~~2698~~  
PHONE #: -2698

cc. Dean Stallings  
Randy Beard  
Justin Sparrow

## MESSAGE:

David, Thanks for distributing copies of  
this letter to the other guys in the office.

Please call if you have any questions

Scott  
Horton

2

PAGES, INCLUDING THIS PAGE



Fort Smith Division

6400 JENNY LIND • FORT SMITH, ARKANSAS 72908-7493 • AREA CODE 501 648-2000

February 15, 2001

Paula Dozier, Administrator  
County Health Department  
3112 So. 70<sup>th</sup>  
Fort Smith, AR 72903

Dear Mrs. Dozier:

This letter is a follow-up to our recent telephone conversation regarding Whirlpool's groundwater testing that will occur in March 2001.

As I mentioned, Whirlpool is expanding its groundwater testing on its property, north of its Fort Smith manufacturing facility some time in March. We wanted you to be aware of the testing because the wells will be drilled adjacent to Ingersol Road and you may receive inquiries from members of the community.

Here's some background information on this project: The Fort Smith plant has been monitoring groundwater at its facility since 1989 when traces of Trichloroethylene (TCE) were found while removing underground fuel storage tanks. TCE was widely used by Whirlpool, other industries and sold commercially for home use during this time. Whirlpool discontinued use of TCE in 1985 and parts are now cleaned with a water-based material.

All tests conducted prior to December 2000 confirmed the substance has been confined within Whirlpool property, however, results of the December tests showed small traces of TCE on the north side of its property which is driving further testing in this area. Environmental experts monitoring the wells believe the substance is confined within our property, however, as an added precaution, the company will test the groundwater on its property, north of Ingersol Road to rule out that the substance has moved beyond our property.

We are working with the Arkansas Department of Environmental Quality (ADEQ) during this testing phase and are contacting neighbors in the area and the local government agencies listed below.

If you have any questions, please contact me at 648-2698.

Sincerely,

Scott Horton  
Senior Environmental Engineer

cc: LEPC  
Health Department  
City Administrator  
Mayor's Office  
ADEQ - Ft. Smith Office

*David Mierner  
Dean Stallings  
Randy Beard  
Justin Sparrow*



## FAX TRANSMISSION

DATE: 2/15/2001  
TO: Mayor Baker  
COMPANY: City of Ft. Smith - Mayor's Office  
FAX #: 784-2430  
FROM: Scott Horton - Whirlpool  
FAX #:  
PHONE #: 648-2698

## MESSAGE:

Mayor Baker,

Although I haven't been able to reach you by phone  
this morning, I wanted to send this letter to you.

I wanted you to have this information in case  
concerned citizens called your office.

Please call if you have any questions.

Thanks,  
Scott

2

PAGES, INCLUDING THIS PAGE



Fort Smith Division

6400 JENNY LIND • FORT SMITH, ARKANSAS 72908-7493 • AREA CODE 501 648-2000

February 15, 2001

Mayor's Office  
623 Garrison, 3<sup>rd</sup> Floor, Rm. 315  
Fort Smith, AR 72901

Dear Mayor,

This letter is a follow-up to our recent telephone conversation regarding Whirlpool's groundwater testing that will occur in March 2001.

As I mentioned, Whirlpool is expanding its groundwater testing on its property, north of its Fort Smith manufacturing facility some time in March. We wanted you to be aware of the testing because the wells will be drilled adjacent to Ingersol Road and you may receive inquiries from members of the community.

Here's some background information on this project: The Fort Smith plant has been monitoring groundwater at its facility since 1989 when traces of Trichloroethylene (TCE) were found while removing underground fuel storage tanks. TCE was widely used by Whirlpool, other industries and sold commercially for home use during this time. Whirlpool discontinued use of TCE in 1985 and parts are now cleaned with a water-based material.

All tests conducted prior to December 2000 confirmed the substance has been confined within Whirlpool property, however, results of the December tests showed small traces of TCE on the north side of its property which is driving further testing in this area. Environmental experts monitoring the wells believe the substance is confined within our property, however, as an added precaution, the company will test the groundwater on its property, north of Ingersol Road to rule out that the substance has moved beyond our property.

We are working with the Arkansas Department of Environmental Quality (ADEQ) during this testing phase and are contacting neighbors in the area and the local government agencies listed below.

If you have any questions, please contact me at 648-2698.

Sincerely,

Scott Horton  
Senior Environmental Engineer

cc: LEPC  
Health Department  
City Administrator  
Mayor's Office



## FAX TRANSMISSION

DATE: 2/15/2001  
TO: Bill Harding - City Administrator's Office  
COMPANY: City of Ft. Smith  
FAX #: 784-2430  
FROM: Scott Horton - Whirlpool  
FAX #:  
PHONE #: 648-2698

## MESSAGE:

Bill,

Although I haven't been able to reach you by phone  
this morning, I wanted you to have a copy of this letter.

In the event concerned citizens call your office,  
I hope this information will be beneficial.

Please call if you have any questions.

Thanks,

Scott

2

PAGES, INCLUDING THIS PAGE



Fort Smith Division

6400 JENNY LIND • FORT SMITH, ARKANSAS 72908-7493 • AREA CODE 501 648-2000

February 15, 2001

Bill Harding, City Administrator  
City Administrator's Office  
P.O. Box 1908  
Fort Smith, AR 72902

Dear Mr. Harding,

This letter is a follow-up to our recent telephone conversation regarding Whirlpool's groundwater testing that will occur in March 2001.

As I mentioned, Whirlpool is expanding its groundwater testing on its property, north of its Fort Smith manufacturing facility some time in March. We wanted you to be aware of the testing because the wells will be drilled adjacent to Ingersol Road and you may receive inquiries from members of the community.

Here's some background information on this project: The Fort Smith plant has been monitoring groundwater at its facility since 1989 when traces of Trichloroethylene (TCE) were found while removing underground fuel storage tanks. TCE was widely used by Whirlpool, other industries and sold commercially for home use during this time. Whirlpool discontinued use of TCE in 1985 and parts are now cleaned with a water-based material.

All tests conducted prior to December 2000 confirmed the substance has been confined within Whirlpool property, however, results of the December tests showed small traces of TCE on the north side of its property which is driving further testing in this area. Environmental experts monitoring the wells believe the substance is confined within our property, however, as an added precaution, the company will test the groundwater on its property, north of Ingersol Road to rule out that the substance has moved beyond our property.

We are working with the Arkansas Department of Environmental Quality (ADEQ) during this testing phase and are contacting neighbors in the area and the local government agencies listed below.

If you have any questions, please contact me at 648-2698.

Sincerely,

Scott Horton  
Senior Environmental Engineer

cc: LEPC  
Health Department  
City Administrator  
Mayor's Office

**Community Question and Answer Sheet  
and Letters to Residents**  
*Appendix G*

*August 30, 2006  
Project No. 0014507*

**Environmental Resources Management**  
15810 Park Ten Place, Suite 300  
Houston, Texas 77084-5140  
(281) 600-1000



**APPENDIX G**

**COMMUNITY QUESTION AND ANSWER SHEET  
AND LETTERS TO RESIDENTS**

# **Community Question and Answer Sheet**

**Q1. Briefly, what is the nature of the problem identified at Whirlpool's Ft. Smith manufacturing facility?**

**A1.** The Fort Smith plant has been installing monitoring wells and monitoring groundwater at its facility since 1989 when traces of Trichloroethylene were found while removing unrelated underground fuel storage tanks.

**Q2. How hazardous is TCE? Is it a threat to my family, pets or property?**

**A2.** The levels of TCE found on plant property would be a concern only if the affected groundwater were used for drinking. A search of available public records indicates there are no private, semi-private or public water wells in the area that contains the affected groundwater. Consequently, we believe the TCE presents no direct harm to the surrounding community, including people, pets and property.

**Q3. Are the workers at the Ft. Smith Plant at risk?**

**A3.** No. The affected groundwater is approximately fifteen feet below the surface. Whirlpool controls access to these areas and limits activities that could result in workers coming in contact with any of these hazardous materials.

**Q4. Is Whirlpool in touch with the appropriate government agencies in this matter?**

**A4.** Yes. We have contacted the Arkansas Department of Environmental Quality (ADEQ) as well as the City of Ft. Smith, Mayor's Office, LEPC and the local health department. We believe in open, constructive dialogue with our community and consider our relationship with local government and institutions extremely important.

**Q5. Does the contamination pose long-term risks to the community and the surrounding environment?**

**A5.** Based on our current findings, we do not believe the community is at risk and believe the problem can be resolved.

**Q6. What caused the groundwater contamination?**

**A6.** At this point, it's difficult to determine how the contamination occurred. TCE was widely used in our industry for years to clean and degrease metal parts. It was considered to be a safer material, since unlike other industrial-strength cleaners on the market, TCE products had a lower flammability.

**Q7. Does Whirlpool still use materials containing TCE?**

**A7.** No. We discontinued the use of TCE and other chlorinated hydrocarbon degreasers in the early -1980s. Water-based cleaners were chosen as replacements.

**Q8. When did the contamination take place?**

**A8.** Based on historical operations at the facility, we believe the release of TCE occurred sometime before the early -1980s when TCE use was discontinued. Present activities at the Ft. Smith facility do not use TCE and are not contributing to the identified problem.

**Q9. Why has it taken so long for Whirlpool to take action?**

**A9.** Situations like this can take years to investigate and correct. When you consider groundwater studies, this is not considered a relatively long period of time. There are several factors that come into play when identifying a groundwater concern and developing a corrective action plan. Some of these factors include installing and monitoring the wells (we have now installed over 65 wells), studying whether any other contaminants were present, conducting and reviewing health/risk assessments, and conducting studies for TCE concentration reduction, etc.

**Q10. What areas at the Ft. Smith plant are affected by the contamination?**

**A10.** A large portion of the site has been investigated to some extent. The area of concern is along the north side of the facility.

**Q12. What are the results of your investigation so far?**

**A12.** At this point we have identified chlorinated solvents in the shallow aquifer and in some limited areas of shallow soils on our site. We believe that the majority of the problem presently exists within Whirlpool's property. We do, however see some indication that a small portion of the affected groundwater has migrated onto Whirlpool's property on the north side of Ingersol Road and moved northeastward along a small, defined gravel unit where it stops between Jacobs and Brazil.

**Q13. What steps is Whirlpool Corporation taking to address the problem?**

**A13.** Whirlpool has entered into a Letter of Agreement with the Arkansas Dept. of Environmental Quality (ADEQ) to further delineate the contamination. This step has been completed.

**Q14. Is it possible to successfully clean up the affected groundwater?**

**A14.** Yes. Whirlpool is working with ADEQ to develop a Corrective Action Strategy and Remedial Action Plan to correct the problem. We believe the affected groundwater can be controlled and restored as necessary with no threat to human health and the surrounding environment.

**Q15. If it is not possible to remove the contaminants completely, what will the consequences be for the environment, employees and for the local community?**

**A15.** Based on the information we currently have, there is no reason to think the issue can not be resolved.

**Q16. What if Whirlpool decides the clean up is too costly and closes its Ft. Smith plant?**

**A16.** Whirlpool does not consider closing this plant, as an answer to eliminating the TCE problem. With the cooperation of ADEQ, our neighbors and experts trained in handling environmental projects, we expect a successful resolution.

**Q17. Where did the TCE come from?**

**A17.** TCE was used until the early 1980's to degrease manufactured parts and we believe the contamination originated from this process.

**Q18. How will you get the TCE out of the ground?**

**A18.** There are various remediation techniques that are being investigated. [*i.e., air sparging, pump-and-treat, soil vapor extraction methods*] The ADEQ will approve any Remedial Action Plan.

**Q19. How long will it take?**

**A19.** Generally, groundwater remediation projects are long in nature and can take decades.

**Q20. Will you get it all?**

**A20.** We will extract as much as the technologies will allow us to remove.

**Q21. How much property do you own north of Ingersol Road?**

**A21.** There is a 5'-wide strip that runs east/west along the northside of Ingersol which Whirlpool owns.

**Q22. Why does Whirlpool own this property?**

**A22.** It was part of the original land purchase

**Q23. Which way does the groundwater move?**

**A23.** Primarily, it flows from northwest to southeast

**Q24. What other chemicals are you monitoring?**

**A24.** We are monitoring all the degradation products of TCE [*C-1, 2-DCE, t-1,2-DCE, 1,1-DCE, PCE, & vinyl chloride*] (*PCE is perchloroethylene & DCE is Dichloroethylene.*)

**Q25. Didn't Whirlpool complete a soil clean-up project a few years ago behind the plant?**

**A25.** [Excavation March to May 1999 - thermal treatment in Sept. 1993] Yes we did and it was in conjunction with some underground oil supply lines [oil for

compressor charging] and associated leaks into the soil. This clean-up project was approved by the ADEQ. Since that time oil supply lines have been routed overhead. [Report name: 1994 Stockpile Remediation Report]

**Q26. How extensive is the TCE problem on your property?**

**A26.** There are varying degrees of contamination on our property, however, all concentration levels are manageable.

**Q.27 Is it possible to successfully clean up the ground water?**

**A. 27** YES. Although we are continuing to work with the state to investigate and manage the groundwater, we are confident that the ground water can be successfully managed to avoid all risk to public health and the environment.

**Soil and Ground Water Analytical Data**  
*Appendix H*

*August 30, 2006*  
*Project No. 0014507*

**Environmental Resources Management**  
15810 Park Ten Place, Suite 300  
Houston, Texas 77084-5140  
(281) 600-1000

TABLE H-1

## Summary of Soil Analysis Data

Whirlpool Corporation  
Fort Smith, Arkansas

	MW-27(26') 12/07/99			ERM-1(4') 12/08/99			ERM-1(12') 12/08/99			ERM-2(14') 12/08/99			ERM-3(12') 12/08/99		
	Result	Flag	LOQ	Result	Flag	LOQ	Result	Flag	LOQ	Result	Flag	LOQ	Result	Flag	LOQ
	(ug/kg)		(ug/kg)	(ug/kg)		(ug/kg)	(ug/kg)		(ug/kg)	(ug/kg)		(ug/kg)	(ug/kg)		(ug/kg)
Volatiles (TCL List)															
Acetone	ND		10	ND		10	ND		10	ND		10	ND		10
Benzene	ND		5	ND		5	ND		5	ND		5	ND		5
Bromodichloromethane	ND		5	ND		5	ND		5	ND		5	ND		5
Bromoform	ND		5	ND		5	ND		5	ND		5	ND		5
Bromomethane (Methyl bromide)	ND		10	ND		10	ND		10	ND		10	ND		10
2-Butanone (MEK)	ND		10	ND		10	ND		10	ND		10	ND		10
Carbon disulfide	ND		5	ND		5	ND		5	ND		5	ND		5
Carbon tetrachloride	ND		5	ND		5	ND		5	ND		5	ND		5
Chlorobenzene	ND		5	ND		5	ND		5	ND		5	ND		5
Chlorodibromomethane	ND		5	ND		5	ND		5	ND		5	ND		5
Chloroethane (Ethyl chloride)	ND		10	ND		10	ND		10	ND		10	ND		10
Chloroform	ND		5	ND		5	ND		5	ND		5	ND		5
Chloromethane (Methyl chloride)	ND		10	ND		10	ND		10	ND		10	ND		10
1,1-Dichloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
1,2-Dichloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
1,1-Dichloroethene	ND		5	ND		5	ND		5	ND		5	ND		5
1,2-Dichloroethene (total)	ND		10	ND		10	ND		10	ND		10	ND		10
Dichloromethane	ND		5	ND		5	6	(a)	5	ND		5	ND		5
1,2-Dichloropropane	ND		5	ND		5	ND		5	ND		5	ND		5
cis-1,3-Dichloropropene	ND		5	ND		5	ND		5	ND		5	ND		5
trans-1,3-Dichloropropene	ND		5	ND		5	ND		5	ND		5	ND		5
Ethylbenzene	ND		5	ND		5	ND		5	ND		5	ND		5
2-Hexanone	ND		10	ND		10	ND		10	ND		10	ND		10
4-Methyl-2-pentanone (MIBK)	ND		10	ND		10	ND		10	ND		10	ND		10
Styrene	ND		5	ND		5	ND		5	ND		5	ND		5
1,1,1,2-Tetrachloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
Tetrachloroethene	ND		5	ND		5	ND		5	ND		5	ND		5
Toluene	ND		5	ND		5	ND		5	ND		5	ND		5
1,1,1-Trichloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
1,1,2-Trichloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
Trichloroethene	ND		5	ND		5	ND		5	ND		5	ND		5
Vinyl chloride	ND		10	ND		10	ND		10	ND		10	ND		10
Xylene (total)	ND		20	ND		20	ND		20	ND		20	ND		20
cis-1,2-Dichloroethene	ND		5	ND		5	ND		5	ND		5	ND		5
trans-1,2-Dichloroethene	ND		5	ND		5	ND		5	ND		5	ND		5

## NOTES:

(a) - possible lab contamination

ND - Not Detected

TABLE H-1 (Cont'd)

## Summary of Soil Analysis Data

Whirlpool Corporation  
Fort Smith, Arkansas

	MW-27(26') 12/07/99			ERM-4(14') 12/08/99			ERM-5(9') 12/08/99			ERM-5(3') 12/08/99			ERM-5(18') 12/08/99		
	Result (ug/kg)	Flag	LOQ (ug/kg)	Result (ug/kg)	Flag	LOQ (ug/kg)	Result (ug/kg)	Flag	LOQ (ug/kg)	Result (ug/kg)	Flag	LOQ (ug/kg)	Result (ug/kg)	Flag	LOQ (ug/kg)
Volatiles (TCL List)															
Acetone	ND		10	ND		10	ND		10	ND		10	ND		10
Benzene	ND		5	ND		5	ND		5	ND		5	ND		5
Bromodichloromethane	ND		5	ND		5	ND		5	ND		5	ND		5
Bromoform	ND		5	ND		5	ND		5	ND		5	ND		5
Bromomethane (Methyl bromide)	ND		10	ND		10	ND		10	ND		10	ND		10
2-Butanone (MEK)	ND		10	ND		10	ND		10	ND		10	ND		10
Carbon disulfide	ND		5	ND		5	ND		5	ND		5	ND		5
Carbon tetrachloride	ND		5	ND		5	ND		5	ND		5	ND		5
Chlorobenzene	ND		5	ND		5	ND		5	ND		5	ND		5
Chlorodibromomethane	ND		5	ND		5	ND		5	ND		5	ND		5
Chloroethane (Ethyl chloride)	ND		10	ND		10	ND		10	ND		10	ND		10
Chloroform	ND		5	ND		5	ND		5	ND		5	ND		5
Chloromethane (Methyl chloride)	ND		10	ND		10	ND		10	ND		10	ND		10
1,1-Dichloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
1,2-Dichloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
1,1-Dichloroethene	ND		5	ND		5	ND		5	ND		5	ND		5
1,2-Dichloroethene (total)	ND		10	ND		10	ND		10	ND		10	ND		10
Dichloromethane	ND		5	5	(a)	5	7	(a)	5	ND		5	ND		5
1,2-Dichloropropane	ND		5	ND		5	ND		5	ND		5	ND		5
cis-1,3-Dichloropropene	ND		5	ND		5	ND		5	ND		5	ND		5
trans-1,3-Dichloropropene	ND		5	ND		5	ND		5	ND		5	ND		5
Ethylbenzene	ND		5	ND		5	ND		5	ND		5	ND		5
2-Hexanone	ND		10	ND		10	ND		10	ND		10	ND		10
4-Methyl-2-pentanone (MIBK)	ND		10	ND		10	ND		10	ND		10	ND		10
Styrene	ND		5	ND		5	ND		5	ND		5	ND		5
1,1,1,2-Tetrachloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
Tetrachloroethene	ND		5	ND		5	ND		5	ND		5	ND		5
Toluene	ND		5	ND		5	ND		5	ND		5	ND		5
1,1,1-Trichloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
1,1,2-Trichloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
Trichloroethene	ND		5	ND		5	ND		5	ND		5	ND		5
Vinyl chloride	ND		10	ND		10	ND		10	ND		10	ND		10
Xylene (total)	ND		20	ND		20	ND		20	ND		20	ND		20
cis-1,2-Dichloroethene	ND		5	ND		5	ND		5	ND		5	ND		5
trans-1,2-Dichloroethene	ND		5	ND		5	ND		5	ND		5	ND		5

## NOTES:

(a) - possible lab contamination

ND - Not Detected



TABLE H-1 (Cont'd)

## Summary of Soil Analysis Data

Whirlpool Corporation  
Fort Smith, Arkansas

	MW-27(26') 12/07/99			ERM-6(11') 12/08/99			ERM-7(8') 12/08/99			ERM-8(2') 12/09/99			ERM-8(14') 12/09/99		
	Result (ug/kg)	Flag	LOQ (ug/kg)	Result (ug/kg)	Flag	LOQ (ug/kg)	Result (ug/kg)	Flag	LOQ (ug/kg)	Result (ug/kg)	Flag	LOQ (ug/kg)	Result (ug/kg)	Flag	LOQ (ug/kg)
Volatiles (TCL List)															
Acetone	ND		10	ND		10	ND		10	ND		10	ND		10
Benzene	ND		5	ND		5	ND		5	ND		5	ND		5
Bromodichloromethane	ND		5	ND		5	ND		5	ND		5	ND		5
Bromoform	ND		5	ND		5	ND		5	ND		5	ND		5
Bromomethane (Methyl bromide)	ND		10	ND		10	ND		10	ND		10	ND		10
2-Butanone (MEK)	ND		10	ND		10	ND		10	ND		10	ND		10
Carbon disulfide	ND		5	ND		5	ND		5	ND		5	ND		5
Carbon tetrachloride	ND		5	ND		5	ND		5	ND		5	ND		5
Chlorobenzene	ND		5	ND		5	ND		5	ND		5	ND		5
Chlorodibromomethane	ND		5	ND		5	ND		5	ND		5	ND		5
Chloroethane (Ethyl chloride)	ND		10	ND		10	ND		10	ND		10	ND		10
Chloroform	ND		5	ND		5	ND		5	ND		5	ND		5
Chloromethane (Methyl chloride)	ND		10	ND		10	ND		10	ND		10	ND		10
1,1-Dichloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
1,2-Dichloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
1,1-Dichloroethene	ND		5	ND		5	ND		5	ND		5	ND		5
1,2-Dichloroethene (total)	ND		10	ND		10	ND		10	ND		10	12	(a)	10
Dichloromethane	ND		5	ND		5	ND		5	ND		5	6		5
1,2-Dichloropropane	ND		5	ND		5	ND		5	ND		5	ND		5
cis-1,3-Dichloropropene	ND		5	ND		5	ND		5	ND		5	ND		5
trans-1,3-Dichloropropene	ND		5	ND		5	ND		5	ND		5	ND		5
Ethylbenzene	ND		5	ND		5	ND		5	ND		5	ND		5
2-Hexanone	ND		10	ND		10	ND		10	ND		10	ND		10
4-Methyl-2-pentanone (MIBK)	ND		10	ND		10	ND		10	ND		10	ND		10
Styrene	ND		5	ND		5	ND		5	ND		5	ND		5
1,1,1,2-Tetrachloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
Tetrachloroethene	ND		5	ND		5	ND		5	ND		5	ND		5
Toluene	ND		5	ND		5	ND		5	ND		5	ND		5
1,1,1-Trichloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
1,1,2-Trichloroethane	ND		5	ND		5	ND		5	ND		5	ND		5
Trichloroethene	ND		5	ND		5	32		5	12		5	186		5
Vinyl chloride	ND		10	ND		10	ND		10	ND		10	ND		10
Xylene (total)	ND		20	ND		20	ND		20	ND		20	ND		20
cis-1,2-Dichloroethene	ND		5	ND		5	6		5	ND		5	12		5
trans-1,2-Dichloroethene	ND		5	ND		5	ND		5	ND		5	ND		5

## NOTES:

(a) - possible lab contamination

ND - Not Detected

TABLE H-1 (Cont'd)

## Summary of Soil Analysis Data

Whirlpool Corporation  
Fort Smith, Arkansas

	MW-27(26') 12/07/99			ERM-9(2') 12/09/99			ERM-9(8') 12/09/99			ERM-DUP 12/09/99		
	Result (ug/kg)	Flag	LOQ (ug/kg)	Result (ug/kg)	Flag	LOQ (ug/kg)	Result (ug/kg)	Flag	LOQ (ug/kg)	Result (ug/kg)	Flag	LOQ (ug/kg)
Volatiles (TCL List)												
Acetone	ND		10	ND		10	ND		10	ND		10
Benzene	ND		5	ND		5	ND		5	ND		5
Bromodichloromethane	ND		5	ND		5	ND		5	ND		5
Bromoform	ND		5	ND		5	ND		5	ND		5
Bromomethane (Methyl bromide)	ND		10	ND		10	ND		10	ND		10
2-Butanone (MEK)	ND		10	ND		10	ND		10	ND		10
Carbon disulfide	ND		5	ND		5	ND		5	ND		5
Carbon tetrachloride	ND		5	ND		5	ND		5	ND		5
Chlorobenzene	ND		5	ND		5	ND		5	ND		5
Chlorodibromomethane	ND		5	ND		5	ND		5	ND		5
Chloroethane (Ethyl chloride)	ND		10	ND		10	ND		10	ND		10
Chloroform	ND		5	ND		5	ND		5	ND		5
Chloromethane (Methyl chloride)	ND		10	ND		10	ND		10	ND		10
1,1-Dichloroethane	ND		5	ND		5	ND		5	ND		5
1,2-Dichloroethane	ND		5	ND		5	ND		5	ND		5
1,1-Dichloroethene	ND		5	ND		5	ND		5	ND		5
1,2-Dichloroethene (total)	ND		10	ND		10	ND		10	ND		10
Dichloromethane	ND		5	ND		5	ND		5	ND		5
1,2-Dichloropropane	ND		5	ND		5	ND		5	ND		5
cis-1,3-Dichloropropene	ND		5	ND		5	ND		5	ND		5
trans-1,3-Dichloropropene	ND		5	ND		5	ND		5	ND		5
Ethylbenzene	ND		5	ND		5	ND		5	ND		5
2-Hexanone	ND		10	ND		10	ND		10	ND		10
4-Methyl-2-pentanone (MIBK)	ND		10	ND		10	ND		10	ND		10
Styrene	ND		5	ND		5	ND		5	ND		5
1,1,1,2-Tetrachloroethane	ND		5	ND		5	ND		5	ND		5
Tetrachloroethene	ND		5	ND		5	ND		5	ND		5
Toluene	ND		5	ND		5	ND		5	ND		5
1,1,1-Trichloroethane	ND		5	ND		5	ND		5	ND		5
1,1,2-Trichloroethane	ND		5	ND		5	ND		5	ND		5
Trichloroethene	ND		5	9		5	ND		5	ND		5
Vinyl chloride	ND		10	ND		10	ND		10	ND		10
Xylene (total)	ND		20	ND		20	ND		20	ND		20
cis-1,2-Dichloroethene	ND		5	ND		5	ND		5	ND		5
trans-1,2-Dichloroethene	ND		5	ND		5	ND		5	ND		5

## NOTES:

(a) - possible lab contamination

ND - Not Detected

TABLE H-2

## Historic Field Data, Natural Parameters

Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Temp (°C)	SC (uS/cm)	DO (mg/l)	pH (standard units)	ORP (mV)
ITMW-1	2/2/02	19.62	742	2.79	5.99	408.3
	9/2/02	24.61	1071	2.65	5.64	304.9
	9/2/02	24.61	1071	2.65	5.64	304.9
	2/1/03	18.08	879	22.43	5.89	36.8
	9/24/03	22.73	640	1.53	5.84	143.3
	4/13/04	18.68	566	4.21	6.00	86.5
	9/21/04	21.83	580	0.54	5.93	250.3
	9/28/05	23.05	0.737	0.58	5.5	210
ITMW-2	2/2/02	---	---	---	---	---
	9/2/02	27.56	2.60	1.93	5.57	281.3
	2/1/03	15.16	301.0	24.45	6.29	-25.8
	9/23/03	26.98	263.0	0.91	5.56	169.4
	4/13/04	20.20	312.0	5.50	6.68	85.1
	9/21/04	24.90	1174.0	0.40	5.87	151.8
	9/29/05	23.69	981	0.35	5.8	51.2
ITMW-3	2/2/02	---	---	---	---	---
	9/2/02	25.01	223	0.45	5.96	389.6
	2/3/03	15.86	205	1.72	6.50	179.2
	9/23/03	23.33	246	0.68	5.03	241.3
	4/13/04	19.49	239	1.86	6.11	79.1
	9/21/04	23.20	4.55	0.69	6.09	211.7
	9/28/05	23.41	0.276	0.46	5.77	195.7
ITMW-4	2/2/02	---	---	---	---	---
	9/2/02	22.31	889	2.89	6.61	-16.1
	2/1/03	15.59	411	35.35	6.61	10.3
	9/23/03	23.90	583	2.09	6.35	-18.6
	4/14/04	21.69	664	2.40	6.56	60.1
	9/22/04	24.16	485	0.45	6.16	24.4
	9/27/05	23.73	506	0.85	6.29	-43.4
ITMW-5	2/2/02	19.65	695	2.96	6.10	485.2
	9/2/02	22.68	539	0.73	5.90	369.4
	2/1/03	14.91	442	3.59	6.40	220.9
	9/24/03	22.47	688	0.95	6.08	263.8
	4/14/04	20.78	624	4.86	5.61	406.5
	9/22/04	25.17	672	0.47	5.61	525.1
	4/6/05	18.42	750	2.11	6.88	84.7
	9/28/05	22.79	819	0.60	5.92	75.2

## NOTES:

--- = Parameter not monitored - well not sampled using low-flow techniques.

SC = specific conductants

DO = dissolved oxygen

ORP = oxidation-reduction potential

uS/cm = microsiemens per centimeter

(a) MW-46 through MW-63 were pumped dry prior to sampling.

(b) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-2 (Cont'd)

## Historic Field Data, Natural Parameters

Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Temp (°C)	SC (uS/cm)	DO (mg/l)	pH (standard units)	ORP (mV)
ITMW-6	2/2/02	18.47	840	0.24	6.00	339.0
	9/2/02	21.55	704	0.64	5.93	574
	2/1/03	15.06	615	4.01	6.39	210.3
	9/24/03	21.06	906	1.36	6.04	273.9
	4/14/04	18.95	1083	4.65	6.19	120.1
	9/22/04	22.75	870	0.54	5.77	450.7
	9/28/05	21.84	987	0.68	5.91	67.1
ITMW-7	2/2/02	18.29	1021	2.85	5.63	401
	9/2/02	22.64	1659	1.34	4.54	334.6
	2/1/03	16.88	749	3.16	5.40	200.9
	9/24/03	23.38	1036	0.97	4.53	396.8
	4/14/04	19.98	966	1.81	4.62	363.5
	9/22/04	20.47	950	0.35	5.09	350.1
	4/7/05	18.69	1134	0.48	4.64	88.3
ITMW-9	2/2/02	---	---	---	---	---
	9/2/02	22.40	1235	2.49	5.26	246
	2/1/03	16.31	560	55.10	6.08	61.9
	9/23/03	23.30	802	0.25	4.78	313.5
	4/14/04	21.03	965	6.07	5.98	100.0
	9/22/04	25.99	671	0.35	5.20	467.2
	4/6/05	19.06	796	3.05	7.77	50.8
ITMW-10	9/27/05	23.9	679	2.39	5.36	94.3
	2/2/02	17.90	623	0.77	5.98	348.6
	9/2/02	21.74	513	0.73	5.84	347.8
	2/1/03	15.71	496	3.03	6.30	228.1
	9/23/03	25.53	684	2.75	5.22	370.8
	4/14/04	20.49	656	3.24	5.42	309.2
	9/22/04	25.78	1119	1.24	5.55	267.9
ITMW-11	4/7/05	18.68	763	1.40	8.41	-2.6
	9/28/05	21.77	722	0.53	5.69	79.7
	9/1/01	21.4	330	1.70	6.07	130.0
	11/1/01	22.2	392	2.90	5.31	793.0
	2/2/02	20.04	366	3.60	6.17	549.1
	9/2/02	23.87	232	2.79	6.11	391.2
	2/1/03	13.70	209	3.71	6.96	157.2
ITMW-11	9/24/03	25.05	2491	1.01	4.60	289.5
	4/13/04	19.12	366	2.20	5.93	473.0
	9/21/04	25.38	449	0.58	5.77	321.9
	4/7/05	19.01	295	1.81	6.62	49.0
	9/29/05	22.8	336	1.55	6.54	42.7

## NOTES:

--- = Parameter not monitored - well not sampled using low-flow techniques.

SC = specific conductance

DO = dissolved oxygen

ORP = oxidation-reduction potential

uS/cm = microsiemens per centimeter

(a) MW-46 through MW-63 were pumped dry prior to sampling.

(b) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-2 (Cont'd)

## Historic Field Data, Natural Parameters

Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Temp (°C)	SC (uS/cm)	DO (mg/l)	pH (standard units)	ORP (mV)
ITMW-12	9/1/01	21.9	320	1.60	5.88	156.0
	11/1/01	22.6	217	0.30	5.15	603.0
	2/2/02	19.91	275	3.26	6.10	573.7
	9/2/02	27.03	168	1.41	5.28	370.1
	2/1/03	10.77	179	9.01	6.40	-197.6
	9/24/03	25.14	232	1.26	4.81	495.3
	4/12/04	19.45	298	2.87	5.80	443.1
	9/21/04	25.95	348	1.96	6.02	166.3
	9/29/05	23.00	235.00	0.60	6.11	38.70
ITMW-13	2/2/02	19.91	357	3.54	6.19	416.7
	9/2/02	23.86	221	1.55	5.72	241.3
	2/1/03	15.34	175	11.62	6.37	-11.1
	9/24/03	25.35	2228	1.89	5.42	316.0
	4/13/04	18.76	310	2.15	5.64	398.1
	9/21/04	26.89	371	5.19	5.72	136.7
	4/7/05	18.26	240	1.50	5.30	281.8
	9/30/05	20.56	246	1.04	6.14	48.5
ITMW-14	2/2/02	---	---	---	---	---
	9/2/02	25.50	103	0.85	5.84	285.2
	2/3/03	15.35	131	3.13	6.37	155.3
	9/24/03	25.30	2195	1.97	5.19	347.7
	4/13/04	18.87	235	3.47	5.35	349.7
	9/21/04	24.41	259	0.48	5.46	316.8
	9/30/05	21.52	151	0.40	5.89	57.1
ITMW-15	9/1/01	21.5	174	---	6.10	---
	11/1/01	22.0	274	1.00	5.39	565.0
	2/2/02	20.30	330	1.98	6.68	313.7
	9/2/02	25.33	277	1.98	5.96	357.8
	2/1/03	13.66	242	11.45	7.92	-53.2
	9/25/03	21.81	315	1.45	6.37	107.0
	4/14/04	18.79	406	4.51	6.79	64.1
	9/21/04	24.05	405	0.54	6.17	321.7
	4/7/05	18.82	377	1.49	5.99	82.3
ITMW-16	9/29/05	24.29	393	0.41	6.48	-12.9
	2/2/02	19.93	181	0.02	6.57	350.3
	9/2/02	24.12	106	0.36	6.64	-55.2
	2/1/03	---	225	8.15	7.47	183.6
	9/25/03	24.01	321	2.58	6.42	-13.1
	4/15/04	20.91	1442	6.34	5.11	109.1
	9/23/04	23.44	199	0.56	6.86	-45.5
	9/29/05	24.05	0.27	0.63	6.48	28.3

## NOTES:

--- = Parameter not monitored - well not sampled using low-flow techniques.

SC = specific conductants

DO = dissolved oxygen

ORP = oxidation-reduction potential

uS/cm = microsiemens per centimeter

(a) MW-46 through MW-63 were pumped dry prior to sampling.

(b) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-2 (Cont'd)

## Historic Field Data, Natural Parameters

Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Temp (°C)	SC (uS/cm)	DO (mg/l)	pH (standard units)	ORP (mV)
ITMW-17	2/2/02	17.69	817	2.92	5.49	487.5
	9/2/02	26.65	633	1.02	5.27	364.3
	2/3/03	14.73	634	4.71	5.61	185.3
	9/25/03	23.78	811	1.56	5.57	198.3
	4/14/04	18.34	796	4.72	5.63	303.7
	9/21/04	27.02	810	0.50	5.44	425.4
	4/7/05	19.05	965	2.65	5.74	60.9
	9/29/05	23.48	1.095	0.51	5.36	33.3
ITMW-18	2/2/02	---	---	---	---	---
	9/2/02	24.24	537	4.59	5.27	278.3
	2/1/03	15.52	444	5.52	6.60	183.2
	9/24/03	22.96	556	2.41	5.40	168.5
	4/13/04	18.42	494	4.05	5.94	90.3
	9/21/04	24.03	501	1.72	5.38	335.6
	4/8/05	19.38	572	1.16	4.82	192.4
	9/29/05	21.7	0.546	0.86	5.57	264.9
ITMW-19	9/1/01	21.9	920	1.90	5.16	254.0
	11/1/01	19.2	859	1.00	5.08	669.0
	2/2/02	18.20	809	0.12	5.65	336.9
	9/2/02	24.30	808	3.66	5.37	302.8
	2/1/03	16.16	621	16.87	6.19	48.3
	9/24/03	22.56	797	1.48	5.51	178.5
	4/13/04	18.56	680	5.99	6.07	89.1
	9/21/04	23.37	811	0.36	5.96	344.2
	4/7/05	18.34	860	2.54	5.59	105.9
	9/29/05	21.51	880	0.7	5.68	46.6
ITMW-20	2/2/02	19.05	447	0.14	5.94	361.5
	9/2/02	24.85	364	1.84	5.56	406.3
	2/1/03	14.81	326	4.24	6.25	193.9
	9/24/03	25.36	434	2.64	5.29	308.1
	4/14/04	19.63	443	5.89	5.10	398.6
	9/22/04	23.80	745	0.92	5.45	208.7
	9/28/05	20.61	480	0.72	5.52	163.5
MW-21	9/1/01	21.2	627	---	5.65	---
	11/1/01	19.4	2300	2.00	4.69	686.0
	2/2/02	---	---	---	---	---
	9/2/02	25.59	3852	1.96	4.47	365.7
	2/3/03	---	1571	6.14	5.13	195.6
	9/23/03	28.07	258	0.79	5.61	166.3
	4/14/04	18.41	1757	4.07	4.95	328.3
	9/22/04	20.98	3936	0.50	4.77	189.8
	9/28/05	25.94	2.599	0.94	5.02	41.1

## NOTES:

--- = Parameter not monitored - well not sampled using low-flow techniques.

SC = specific conductants

DO = dissolved oxygen

ORP = oxidation-reduction potential

uS/cm = microsiemens per centimeter

(a) MW-46 through MW-63 were pumped dry prior to sampling.

(b) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-2 (Cont'd)

## Historic Field Data, Natural Parameters

Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Temp (°C)	SC (uS/cm)	DO (mg/l)	pH (standard units)	ORP (mV)
MW-22	2/2/02	---	---	---	---	---
	9/2/02	26.71	347	1.60	5.29	297.8
	2/3/03	16.40	159	2.13	5.78	208.2
	9/23/03	24.93	257	0.75	4.97	199.6
	4/13/04	19.82	192	1.64	5.58	48.1
	9/21/04	24.50	145	0.63	5.31	221.3
	9/30/05	24.45	223	0.44	5.55	20.3
MW-23	2/2/02	17.48	1088	3.24	4.89	471.7
	9/2/02	23.43	918	1.29	4.76	405.3
	2/3/03	15.60	706	3.20	5.12	220.3
	9/25/03	24.36	1110	3.51	4.74	269.9
	4/15/04	19.91	1018	6.59	5.00	109.4
	9/22/04	27.08	1455	0.59	4.36	267.3
	9/29/05	23.38	1,289	0.26	4.55	317.7
MW-24	2/2/02	20.71	1671	---	4.76	---
	9/2/02	24.58	1259	6.49	4.93	289.2
	2/3/03	16.57	835	3.31	5.44	209.2
	9/25/03	25.38	1451	4.25	4.70	311.1
	9/25/03	25.38	1451	4.25	4.70	311.1
	9/23/04	23.37	1201	1.25	5.11	252.6
	4/6/05	19.62	1254	0.96	3.41	137.10
	9/29/05	25.88	1.64	0.86	4.67	304.40
MW-25	2/2/02	18.96	1785	0.84	4.85	364.1
	9/2/02	23.17	1919	3.41	5.08	229.0
	2/1/03	15.48	1420	5.41	5.01	51.4
	9/24/03	24.50	1910	3.4	4.92	261.8
	4/14/04	19.27	2010	6.43	5.04	93.0
	9/21/04	26.51	1713	0.47	4.79	335.6
	4/7/05	19.19	1646	0.48	5.50	56.6
	9/28/05	28.63	1,993	0.83	5.28	26.4
MW-26	2/2/02	19.07	1094	2.13	5.21	452.5
	9/2/02	23.53	872	0.52	5.15	389.9
	2/1/03	16.51	747	3.47	5.61	201.8
	9/24/03	23.53	1011	2.71	5.04	285.8
	4/14/04	19.95	897	2.05	4.71	410.1
	9/22/04	22.67	1723	0.53	5.11	147.5
	9/29/05	19.98	1,189	0.57	5.28	51.5

## NOTES:

--- = Parameter not monitored - well not sampled using low-flow techniques.

SC = specific conductance

DO = dissolved oxygen

ORP = oxidation-reduction potential

uS/cm = microsiemens per centimeter

(a) MW-46 through MW-63 were pumped dry prior to sampling.

(b) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-2 (Cont'd)

## Historic Field Data, Natural Parameters

Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Temp (°C)	SC (uS/cm)	DO (mg/l)	pH (standard units)	ORP (mV)
MW-27	2/2/02	---	---	---	---	---
	9/2/02	22.94	275	2.48	5.83	216.7
	2/1/03	16.40	210	22.10	6.09	113.4
	9/25/03	23.49	243	2.42	5.95	167.3
	4/15/04	19.46	214	3.09	6.15	73.3
	9/22/04	26.10	426	0.26	5.53	110.8
	9/29/05	24.49	0.275	0.31	5.45	215.9
MW-28	2/2/02	18.58	482	0.37	5.99	333.3
	9/2/02	26.36	367	0.71	6.15	318.7
	2/1/03	15.62	603	14.37	6.19	76.3
	9/25/03	24.18	432	1.44	6.39	55.8
	4/15/04	21.98	494	3.34	6.21	99.4
	9/22/04	28.61	710	0.47	5.85	80.4
	9/30/05	25.48	460	0.43	6.26	-9.1
MW-29	2/2/02	---	---	---	---	---
	9/2/02	25.71	598	0.93	4.64	437.8
	2/1/03	16.61	720	18.08	5.31	153.0
	9/24/03	25.16	690	2.05	4.26	308.6
	4/14/04	19.94	718	2.86	5.21	100.4
	9/22/04	23.46	627	0.51	4.57	376.8
	9/28/05	24.41	756	0.51	4.92	50.3
MW-30	2/2/02	---	---	---	---	---
	9/2/02	25.71	1721	2.48	4.61	321.9
	2/1/03	14.90	1454	13.41	4.90	168.6
	9/24/03	24.45	648	1.75	4.33	374.5
	4/14/04	21.63	1328	6.71	4.98	116.3
	9/22/04	25.19	932	0.35	5.19	336.4
	9/28/05	24.14	1.071	0.46	4.89	60.1
MW-31	2/2/02	---	---	---	---	---
	9/2/02	---	---	---	---	---
	2/1/03	14.49	947.0	55.44	6.02	70.6
	9/25/03	25.33	1262.0	4.71	5.23	158.2
	4/15/04	---	---	---	---	---
	9/20/04	---	---	---	---	---
	4/5/05	18.46	606.00	0.31	5.38	229.80
	9/27/05	23.6	0.633	0.87	5.09	75.4

## NOTES:

--- = Parameter not monitored - well not sampled using low-flow techniques.

SC = specific conductance

DO = dissolved oxygen

ORP = oxidation-reduction potential

uS/cm = microsiemens per centimeter

(a) MW-46 through MW-63 were pumped dry prior to sampling.

(b) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.



TABLE H-2 (Cont'd)

## Historic Field Data, Natural Parameters

Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Temp (°C)	SC (uS/cm)	DO (mg/l)	pH (standard units)	ORP (mV)
MW-32	2/2/02	19.08	1316	4.81	5.18	343.6
	9/2/02	26.41	801	2.04	5.72	281.3
	2/1/03	17.92	924	44.25	4.85	137.2
	9/25/03	25.40	1176	5.58	4.89	264.7
	4/15/04	---	---	---	---	---
	9/20/04	22.84	1231.00	3.16	5.01	-16.80
	9/27/05	24.7	1.157	0.36	4.62	283.8
MW-33	2/2/02	19.14	575	4.10	5.57	403.2
	9/2/02	25.41	310	1.04	5.34	341.9
	2/1/03	14.87	275	52.52	5.41	147.1
	9/25/03	29.09	382	5.83	5.46	258.1
	4/15/04	21.72	533	2.67	5.23	106.0
	9/20/04	21.08	536	1.20	5.13	100.4
	9/27/05	25.08	532	0.61	4.95	84.5
MW-34	2/2/02	18.77	1209	4.32	5.67	226.4
	9/1/02	24.81	450	5.71	5.41	241.3
	2/1/03	16.43	563	4.23	6.02	230.4
	9/25/03	24.91	2520	1.24	5.03	286.0
	4/15/04	21.27	1117	1.05	4.32	412.3
	9/23/04	23.05	1551	0.50	4.88	264.6
	4/5/05	18.55	951	0.44	4.65	155.8
MW-35	9/30/05	23.44	1206	0.49	5.08	102.3
	2/2/02	20.20	1013	3.02	5.91	318.6
	9/2/02	22.98	816	3.43	6.33	225.1
	2/1/03	15.73	635	7.57	5.72	235.3
	9/25/03	22.42	9228	1.83	4.81	132.2
	4/15/04	21.03	1056	1.22	4.54	399.1
	9/23/04	22.49	1653	0.43	4.75	438.7
MW-36	9/30/05	22.28	1.037	0.42	4.35	315.6
	2/2/02	20.18	1232	3.98	5.72	216.1
	9/2/02	22.79	828	3.81	5.63	270.3
	2/1/03	16.31	660	4.12	5.70	232.3
	9/25/03	23.92	4015	1.12	4.25	258.6
	4/15/04	20.20	1419	1.18	4.55	316.5
	9/23/04	21.98	2007	0.43	5.00	315.6
MW-36	9/30/05	22.26	1.445	0.39	4.43	252.8

## NOTES:

--- = Parameter not monitored - well not sampled using low-flow techniques.

SC = specific conductance

DO = dissolved oxygen

ORP = oxidation-reduction potential

uS/cm = microsiemens per centimeter

(a) MW-46 through MW-63 were pumped dry prior to sampling.

(b) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-2 (Cont'd)

## Historic Field Data, Natural Parameters

Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Temp (°C)	SC (uS/cm)	DO (mg/l)	pH (standard units)	ORP (mV)
ITMW-37	3/1/00	---	---	---	---	---
	9/1/00	---	---	---	---	---
	3/1/01	---	---	---	---	---
	11/1/01	22.6	311	2.10	5.51	816.0
	2/2/02	19.81	392	2.98	6.59	320.6
	9/2/02	25.35	539	2.79	6.45	-39.9
	2/1/03	17.63	801	22.63	11.31	91.3
	9/24/03	26.04	2520	0.77	5.83	-43.2
	4/13/04	19.13	252	3.46	7.30	52.0
	9/21/04	24.91	617	0.60	5.78	-81.4
	9/29/05	23.82	351	0.33	6.35	-128.3
MW-38	2/2/02	---	---	---	---	---
	9/2/02	---	---	---	---	---
	9/29/05	23.29	732	0.43	6.63	-142.1
MW-39	7/18/03	19.73	968	-123	4.82	181.3
	9/25/03	20.77	1043	1.18	4.33	222.7
	4/15/04	19.97	1181	1.43	4.60	270.1
	9/23/04	22.4	970	1.1	5.10	210.9
	4/8/05	17.6	1172	0.16	4.99	101.5
	9/30/05	21.7	1160	0.64	5.17	78.2
MW-40	7/18/03	20.08	967	-99.9	4.76	186.4
	9/25/03	24.79	3102	0.91	4.08	236.4
	4/15/04	18.76	877	1.16	5.03	207
	9/23/04	23.95	920	0.48	5.1	193.6
	9/29/05	22.36	0.852	0.35	4.8	259.5
MW-41	7/18/03	19.63	0.696	-24.1	5.08	72.8
	9/25/03	20.41	526	1.06	5.17	164.3
	4/15/04	18.93	984	1.24	5.16	203.1
	9/23/04	20.3	1285	0.45	5.43	207.8
	9/30/05	19.99	0.834	0.45	4.69	293.7
MW-42	4/15/04	20.36	1059	4.08	5.17	79.2
	9/20/04	19.94	1016	3.81	5.29	81.4
	4/5/05	18.65	962	0.25	5.3	-125
	9/27/05	23.29	0.968	0.27	5.17	-4.5
MW-43	4/15/04	19.41	414	1.86	6.97	86.3
	9/20/04	20.01	301	2.01	9.05	100.4
	9/27/05	25.27	386	0.49	5.2	-18.3

## NOTES:

--- = Parameter not monitored - well not sampled using low-flow techniques.

SC = specific conductance

DO = dissolved oxygen

ORP = oxidation-reduction potential

uS/cm = microsiemens per centimeter

(a) MW-46 through MW-63 were pumped dry prior to sampling.

(b) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-2 (Cont'd)

## Historic Field Data, Natural Parameters

Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Temp (°C)	SC (uS/cm)	DO (mg/l)	pH (standard units)	ORP (mV)
MW-46 (a)	4/15/04	19.63	425	3.1	6.92	104.9
	9/20/04	19.36	444	3.21	7.09	99.1
	9/28/05	26.12	859	1.48	10.04	-200
MW-50 (a)	4/15/04	19.51	426	3.32	6.33	93.6
	9/23/04	---	---	---	---	---
	4/5/05	18.72	1120	0.47	6.45	-76.5
	9/28/05	23.72	1.14	2.57	6.62	-70.2
MW-55 (a)	9/28/05	21.93	0.923	1.82	5.53	125.9
MW-56 (a)	9/28/05	21.33	0.324	2.49	5.33	231.7
MW-57 (a)	9/28/05	22.88	0.941	1.57	5.62	107.1
MW-58 (a)	9/28/05	22.69	0.916	0.92	4.82	124.3
MW-60 (a)	9/30/05	22.89	0.953	0.93	6.34	-31.4
MW-61 (a)	9/30/05	21.14	0.804	1.51	6.55	83.3
MW-62 (a)	9/30/05	20.42	0.626	2.07	5.52	248.6
MW-63 (a)	9/30/05	18.53	0.669	2.48	5.73	129.1

## NOTES:

--- = Parameter not monitored - well not sampled using low-flow techniques.

SC = specific conductants

DO = dissolved oxygen

ORP = oxidation-reduction potential

uS/cm = microsiemens per centimeter

(a) MW-46 through MW-63 were pumped dry prior to sampling.

(b) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-3

## Geochemical Parameters

Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Nitrogen, Nitrate (mg/l)	Sulfates (mg/l)	Chloride (mg/l)	Potassium (mg/l)	Ferrous Fe (mg/l)
ITMW-1	2/2/02	0.6	15.72	---	---	0.11
	9/2/02	0.4	14.71	180.5	0.93	0.02
	2/1/03	0.595	18.21	168.5	1.35	0.01
	9/24/03	0.2	17.97	166.5	1.41	0.00
	4/13/04	1.1	10.90	166.0	<1	0.01
	9/21/04	0.5	31.40	142.5	<1	0.00
	Sept.-04 (Dup-2)	0.5	31.90	140.0	<1	0.00
	9/28/05	0.3	23.40	170	<1	0.00
ITMW-2	2/2/02	---	---	---	---	---
	9/2/02	0.7	16.29	220	0.383	0.16
	2/1/03	0.401	16.17	32.5	1.26	0.05
	9/23/03	0.4	20.85	145	1.05	0.58
	4/13/04	0.4	7.70	45	2.100	0.49
	April-04 (Dupl.1)	0.6	8.50	47	2.200	---
	9/21/04	0.6	26.10	150	<1	0.06
	Sept.-04 (Dup-1)	0.6	24.70	150	<1	0.06
ITMW-3	2/2/02	---	---	---	---	---
	9/2/02	2.1	24.66	41.5	0.10	0.00
	2/1/03	0.587	31.26	31	0.192	0.05
	9/23/03	1.5	31.14	24.5	0.198	0.39
	4/13/04	1.6	25.80	25	<1	0.02
	9/21/04	2.1	3.76	15	<1	0.09
	9/28/05	0.9	37.30	40	<1	0.00
ITMW-4	2/2/02	---	---	---	---	---
	9/2/02	0.1	27.82	18	0.82	3.30
	2/1/03	0.097	39.25	10.5	1.94	2.74
	9/23/03	17.5	49.38	21.5	1.25	3.31
	4/14/04	0.1	32.90	47.5	3.70	2.00
	9/22/04	0.1	30.00	10.0	1.80	3.30
	9/27/05	0.4	57.50	20	1.3	3.30
ITMW-5	2/2/02	12.5	37.67	---	---	0.00
	9/2/02	15.0	35.46	116	0.21	0.00
	2/1/03	7.49	44.85	97.5	0.530	0.00

## NOTES:

--- = Parameter not tested.

All units are mg/L

(a) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-3 (Cont'd)  
Geochemical Parameters  
Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Nitrogen, Nitrate (mg/l)	Sulfates (mg/l)	Chloride (mg/l)	Potassium (mg/l)	Ferrous Fe (mg/l)
ITMW-5 (Cont'd)	9/24/03	15.0	37.89	12	0.581	0.09
	4/14/04	17.5	36.80	147.5	<1	0.00
	9/22/04	25.7	40.00	100	<1	0.00
	4/6/05	7.5	45.00	100	<1	0.00
	9/28/05	5.0	19.90	125	<1	0.00
ITMW-6	2/2/02	27.5	123.9	---	---	0.15
	9/2/02	20	120.5	89	0.59	0.05
	Sep-02 (Dupl.)	20.0	122.90	86	0.57	---
	2/1/03	25.79	140.7	74	0.991	0.11
	9/24/03	25	91.04	37	1.03	0.01
	4/14/04	30.0	95.00	125	1.00	0.36
	9/22/04	25.7	170.00	85	1.10	0.00
	9/28/05	7.5	180.50	100	<1	0.00
ITMW-7	2/2/02	3.1	22.39	---	---	0.24
	9/2/02	4.2	25.66	405	0.32	0.10
	Sep-02 (Dupl.)	3.7	21.50	410	0.32	---
	2/1/03	1.375	26.73	297.5	0.649	0.06
	9/24/03	2.2	23.17	312	0.681	0.04
	4/14/04	2.7	22.50	309	<1	0.05
	9/22/04	2.5	37.90	270	<1	0.00
	4/7/05	2.0	26.40	312	<1	0.00
	9/28/05	1.4	27.00	280	<1	0.00
ITMW-9	2/2/02	---	---	---	---	---
	9/2/02	27.5	20.52	156.5	0.42	0.00
	2/1/03	21.99	28.82	132.0	1.63	0.07
	9/23/03	17.5	34.90	134	0.424	0.00
	Sep-03(Dup-1)	17.5	33.23	131	0.488	0.00
	4/14/04	27.5	20.43	152.5	1.20	0.14
	9/22/04	22.5	34.00	115.0	<1	0.00
	4/6/05	17.5	30.70	130.0	1.10	0.00
	9/27/05	22.5	30.90	105	<1	0.00
ITMW-10	2/2/02	20	48.58	---	---	0.10
	9/2/02	15.0	41.41	106.5	0.24	0.05
	2/1/03	11.44	48.7	106	0.503	0.10

NOTES:

--- = Parameter not tested.

All units are mg/L

(a) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-3 (Cont'd)  
Geochemical Parameters  
Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Nitrogen, Nitrate (mg/l)	Sulfates (mg/l)	Chloride (mg/l)	Potassium (mg/l)	Ferrous Fe (mg/l)
ITMW-10 (Cont'd)	9/23/03	15	48.07	104.5	0.445	0.09
	4/14/04	7.5	40.1	152.5	<1	0.00
	9/22/04	15.0	50	100.0	<1	0.00
	4/6/05	10.0	48.3	115.0	<1	0.00
	9/28/05	5.0	15.20	110	<1	0.00
ITMW-11	2/2/02	0.4	25.14	23	0.785	0.09
	9/2/02	0.4	25.85	14	0.22	0.24
	2/1/03	0.136	13.82	16.5	0.727	0.09
	Feb-03(Dup 1l)	0.069	26.69	22.5	0.75	---
	9/24/03	0.1	20.68	8	0.384	0.00
	4/13/04	<0.1	15.30	5.5	<1	0.00
	9/21/04	0.1	37.50	5.0	<1	0.01
	4/7/05	<0.2	18.30	20.0	9.800	0.00
	9/30/05	<0.2	23.10	11	1.6	0.00
ITMW-12	2/2/02	0.1	18.70	20.5	0.305	0.11
	9/2/02	0.1	17.56	35	0.168	0.05
	2/1/03	0.026	35.38	12.5	0.442	0.00
	Feb-03 (Dupl 2)	0.012	25.90	13.5	0.465	---
	9/24/03	0.1	19.84	14	0.312	0.22
	4/13/04	0.1	18.90	13.5	<1	0.06
	9/21/04	<0.1	30.7	10.0	<1	0.00
	9/29/05	<0.2	21.30	11	<1	0.00
ITMW-13	2/2/02	0.6	10.70	39	0.755	0.00
	9/2/02	0.7	14.38	33	0.35	0.05
	2/1/03	0.243	33.86	27	0.760	0.00
	9/24/03	0.7	14.79	21	0.781	0.07
	4/13/04	0.6	7.20	25.5	<1	0.26
	9/21/04	0.4	6.8	20.0	<1	0.00
	4/7/05	<0.2	7.66	20.0	<1	0.00
	9/30/05	0.2	7.93	14	<1	0.04
ITMW-14	2/2/02	---	---	---	---	---
	9/2/02	0.7	13.25	10	0.129	0.10
	2/1/03	0.372	17.68	9.5	0.407	0.07
	9/24/03	1.7	10.08	11.5	0.272	0.00
	4/13/04	0.4	13.00	9.5	<1	0.21
	9/21/04	0.4	14.1	12.5	<1	0.00
	9/30/05	0.3	15.20	9.0	<1	0.01

NOTES:

--- = Parameter not tested.

All units are mg/L

(a) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-3 (Cont'd)  
Geochemical Parameters  
Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Nitrogen, Nitrate (mg/l)	Sulfates (mg/l)	Chloride (mg/l)	Potassium (mg/l)	Ferrous Fe (mg/l)
ITMW-15	2/2/02	1.2	15.03	16	1.74	2.70
	9/2/02	0.7	14.20	12.5	0.539	3.30
	2/1/03	0.067	13.95	8	1.17	0.00
	9/25/03	0.1	12.77	16.5	0.660	0.10
	4/14/04	<0.1	11.00	47.5	<1	0.42
	9/21/04	0.2	14.9	25.0	<1	0.00
	4/7/05	<0.2	9.13	40.0	2.000	0.00
	9/29/05	0.2	15.30	33	1.6	0.05
ITMW-16	2/2/02	---	---	---	---	0.82
	9/2/02	2.5	16.02	10	1.82	3.04
	2/1/03	3.52	87.3	3.0	3.51	0.06
	9/25/03	0.3	26.65	1.5	3.91	1.07
	4/15/04	0.3	6.90	35	3.600	0.11
	9/23/04	0.2	21.60	10	3.700	0.02
	9/29/05	0.3	23.10	6	4.0	0.37
	9/29/2005 (Dup-2)	0.3	20.20	8	4.1	---
ITMW-17	2/2/02	0.4	7.956	412.5	1.66	0.03
	9/2/02	0.2	10.63	230	0.494	0.00
	2/1/03	0.163	10.30	250.5	1.46	0.00
	9/25/03	<0.1	8.836	195.5	0.940	0.03
	4/14/04	0.2	4.80	249	1.10	0.05
	April-04 (Dupl.2)	0.2	4.70	245	1.20	---
	9/23/04	0.1	8.89	200	<1	0.00
	4/7/05	<0.2	2.44	250	<1	0.00
ITMW-18	9/29/05	0.2	3.31	259	1.2	0.00
	2/2/02	---	---	---	---	---
	9/2/02	4.2	0.814	165	0.337	0.22
	2/1/03	2.18	<1	127.5	1.59	0.16
	9/24/03	2.20	<1	160.5	0.706	0.32
	4/13/04	2.6	2.00	137	<1	0.23
	9/21/04	2.6	<1	115	<1	0.00
	4/8/05	1.9	<1	185	<1	0.00
	9/29/05	1.5	2.78	93	<1	0.00

NOTES:

--- = Parameter not tested.

All units are mg/L

(a) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-3 (Cont'd)

## Geochemical Parameters

Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Nitrogen, Nitrate (mg/l)	Sulfates (mg/l)	Chloride (mg/l)	Potassium (mg/l)	Ferrous Fe (mg/l)
ITMW-19	2/2/02	2.7	0.753	437.5	1.33	0.08
	9/2/02	2.5	9.678	232.5	0.519	0.10
	2/1/03	4.95	9.586	235.5	1.02	0.00
	9/24/03	1.7	2.403	237	0.916	0.00
	4/13/04	1.9	4.00	218.5	<1	0.00
	9/21/04	2.2	3.84	185.0	<1	0.00
	4/7/05	1.1	<1	215	1.0	0.00
	9/29/05	1.1	<1	226	<1	0.01
ITMW-20	2/2/02	0.5	22.53	---	---	3.19
	9/2/02	30	20.47	117	0.56	0.05
	2/1/03	0.329	27.25	104	0.955	0.10
	9/24/03	0.4	19.08	112	0.941	0.04
	4/14/04	0.4	18.6	150	<1	0.09
	9/22/04	0.7	30.00	90	1.20	0.04
	9/29/05	0.6	27.00	109	<1	0.00
ITMW-21	2/2/02	---	---	---	---	---
	9/2/02	0.1	7.03	405	0.17	2.75
	2/1/03	0.479	<1	697.5	0.633	0.08
	9/23/03	0.3	<1	285	0.291	0.00
	4/14/04	0.5	1.90	585	<1	0.00
	9/22/04	0.2	7.04	100	<1	0.17
	9/28/05	<0.2	<1	600	<1	0.00
MW-22	2/2/02	---	---	---	---	---
	9/2/02	<0.1	17.27	36.5	0.09	0.01
	2/1/03	0.052	24.12	25.5	0.253	0.57
	9/23/03	0.2	22.61	25.5	0.176	0.00
	Sep-03(Dup-2)	0.20	20.65	28.5	0.175	0.00
	4/13/04	0.2	16.70	25.5	<1	0.00
	9/21/04	<0.1	13.50	20	<1	0.00
	9/30/05	<0.2	23.60	19	<1	0.00
MW-23	2/2/02	0.3	12.27	---	---	0.08
	9/2/02	0.2	8.988	372	0.369	0.00
	Sep-02 (Dupl.)	0.4	9.40	366	0.37	---
	2/1/03	0.177	19.52	292.0	0.74	0.00

## NOTES:

--- = Parameter not tested.

All units are mg/L

(a) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.



TABLE H-3 (Cont'd)

Geochemical Parameters

Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Nitrogen, Nitrate (mg/l)	Sulfates (mg/l)	Chloride (mg/l)	Potassium (mg/l)	Ferrous Fe (mg/l)
MW-23 (Cont'd)	9/25/03	0.3	8.383	335	0.628	0.29
	4/15/04	0.3	7.60	329	<1	0.72
	9/22/04	0.1	67.50	245	<1	0.05
	4/5/05	<0.2	17.90	250	<1	0.00
	9/29/05	0.4	9.12	278	<1	
MW-24	2/2/02	---	---	---	---	---
	9/2/02	1.9	0.955	497.5	0.411	0.25
	2/1/03	0.375	<1.0	395.5	0.664	0.00
	9/25/03	0.9	<1	425	0.749	0.59
	4/15/04	0.8	1.80	225	<1	0.16
	9/23/04	0.7	<1	330	<1	0.06
	4/6/05	0.5	<1	393	<1	0.00
	9/29/05	1.1	<1	452	<1	0.00
MW-25	2/2/02	0.4	0.402	---	---	0.19
	9/2/02	<0.1	0.651	865	0.35	0.72
	2/1/03	0.617	<1	677	0.503	0.08
	9/24/03	<0.1	<1	652.5	0.530	0.53
	4/14/04	0.3	<1	495	<1	0.32
	9/21/04	0.1	<1	475	<1	0.07
	4/7/05	<0.2	<1	570	<1	0.01
	9/28/05	<0.2	<1	530	<1	0.44
MW-26	2/2/02	1.5	22.53	---	---	0.03
	9/2/02	3.6	10.35	339.5	0.14	0.00
	2/1/03	1.245	10.24	249	0.236	0.07
	9/24/03	2.0	8.679	324.5	0.237	0.02
	4/14/04	1.8	5.90	325	<1	0.07
	9/22/04	2.7	10.00	270	<1	0.00
	9/29/05	2.0	4.29	352	<1	0.00
MW-27	2/2/02					
	9/2/02	0.3	19.97	48	0.241	0.06
	Sep-02 (Dupl.)	0.2	20.43	36	0.23	---
	2/1/03	0.183	18.03	21.5	1.10	0.49
	9/25/03	0.4	18.01	50	0.848	0.07
	4/15/04	0.9	9.60	57.5	<1	0.23
	9/22/04	0.2	26.50	35	<1	0.61
	9/29/05	0.4	31.30	30.5	<1	0.01

NOTES:

--- = Parameter not tested.

All units are mg/L

(a) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-3 (Cont'd)

## Geochemical Parameters

Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Nitrogen, Nitrate (mg/l)	Sulfates (mg/l)	Chloride (mg/l)	Potassium (mg/l)	Ferrous Fe (mg/l)
MW-28	2/2/02	0.3	47.63	---	---	3.30
	9/2/02	0.2	42.98	57	0.180	1.03
	2/1/03	0.004	48.14	57.5	0.500	0.16
	9/25/03	0.2	45.39	70	0.330	0.62
	4/15/04	<0.1	36.00	77.5	<1	0.13
	9/22/04	0.1	59.00	40	<1	0.21
	9/30/05	<0.2	35.40	36	<1	0.22
MW-29	2/2/02	---	---	---	---	---
	9/2/02	3.3	12.19	231.5	0.20	0.00
	2/1/03	1.107	19.21	108.5	0.551	0.03
	9/24/03	2.2	15.03	2115	0.367	0.07
	4/14/04	2.2	28.50	167.5	<1	0.24
	9/22/04	3.4	33.10	170	<1	0.10
	9/28/05	2.2	27.10	185	<1	0.00
MW-30	2/2/02	---	---	---	---	---
	9/2/02	3.3	8.667	351.5	0.56	0.00
	2/1/03	1.328	10.91	339	0.460	0.01
	9/24/03	1.3	4.802	355	0.562	0.13
	4/14/04	1.5	4.60	615	<1	0.00
	9/22/04	1.6	6.40	265	<1	0.07
	9/28/05	1.3	2.04	330	<1	0.01
MW-31	2/2/02	0.5	10.92	---	---	---
	9/2/02	0.7	17.33	233.5	0.682	---
	2/1/03	0.010	19.58	385	0.93	---
	9/25/03	1.1	8.598	348	0.885	3.30
	4/15/04	0.2	5.50	377.5	<1	0.05
	9/23/04	0.2	33.30	300.0	1.700	---
	4/5/05	<0.2	32.30	105	<1	0.17
MW-32	9/27/05	0.4	11.20	170	<1	0.31
	2/2/02	0.4	<1.0	---	---	0.56
	9/2/02	2.5	0.746	378	0.380	3.30
	2/1/03	0.078	15.83	387	2.58	0.53
	9/25/03	0.2	1.097	490	1.22	1.81
	4/15/04	0.6	<1	440	<1	0.13

## NOTES:

--- = Parameter not tested.

All units are mg/L

(a) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-3 (Cont'd)  
Geochemical Parameters  
Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Nitrogen, Nitrate (mg/l)	Sulfates (mg/l)	Chloride (mg/l)	Potassium (mg/l)	Ferrous Fe (mg/l)
MW-32 (Cont'd)	9/23/04	<0.1	295	323	1.80	---
	4/5/05	<0.2	<1	375	<1	0.06
	9/27/05	0.3	8.46	350	<1	0.00
MW-33	2/2/02	0.3	6.502	---	---	0.48
	9/2/02	5.0	11.83	77	0.324	---
	2/1/03	0.853	3.725	43	0.621	0.48
	9/25/03	0.2	3.065	110	0.386	2.03
	4/15/04	7.5	<1	182.5	1.40	0.07
	9/23/04	0.5	182	100.0	1.90	---
	4/5/05	3.6	20.40	225	2.30	0.48
	9/27/05	<0.2	7.19	141	<1	0.04
MW-34	2/2/02	0.4	4.05	---	---	3.30
	9/1/02	10	2.422	355	1.07	3.30
	2/1/03	0.089	7.515	206.5	2.91	3.30
	9/25/03	22.5	1.168	230	3.59	3.30
	4/15/04	1.1	1.20	342.5	1.30	3.30
	9/23/04	0.3	<1	255.0	<1	0.00
	4/5/05	0.4	21.90	265	1.1	0.46
	9/30/05	0.2	<1	349	<1	0.05
MW-35	2/2/02	0.7	6.190	---	---	0.42
	9/2/02	0.8	6.098	340	0.69	0.06
	2/1/03	0.189	6.9	289	3.90	0.00
	9/25/03	2.6	1.62	280	3.49	3.30
	4/15/04	0.9	2.00	327.5	1.20	3.30
	9/23/04	0.7	4.16	270.0	<1	0.06
	4/6/05	0.3	<1	305	<1	0.00
	9/30/05	0.5	2.58	249	<1	0.00
MW-36	2/2/02	0.6	<1.0	---	---	2.21
	9/2/02	0.1	0.261	505	1.35	0.41
	2/1/03	1.608	<1.0	214	2.89	0.00
	9/25/03	1.2	10.89	550	1.45	3.30
	4/15/04	0.1	<1	500	<1	1.87
	9/23/04	<0.1	<1	345	<1	0.18
	4/6/05	0.4	<1	395	<1	0.04
	9/30/05	<0.2	<1	377.0	<1	0.00

NOTES:

--- = Parameter not tested.

All units are mg/L

(a) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-3 (Cont'd)  
Geochemical Parameters  
Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Nitrogen, Nitrate (mg/l)	Sulfates (mg/l)	Chloride (mg/l)	Potassium (mg/l)	Ferrous Fe (mg/l)
MW-37	2/2/02	1.1	11.68	19.5	19.6	0.13
	9/2/02	0.1	26.12	22.5	2.08	3.30
	2/1/03	1.131	24.52	28.5	4.21	0.31
	9/25/03	0.2	19.80	17	2.89	3.30
	4/13/04	0.2	13.90	15.5	4.000	0.40
	9/21/04	<0.1	20.60	10.0	2.900	0.00
	4/8/05	<0.2	22.20	15	4.0	0.61
	9/29/05	0.2	33.10	18	2.8	2.19
MW-38	2/2/02	---	---	---	---	---
	9/29/05	0.7	35.00	14	67.0	3.30
MW-39	9/25/03	0.4	1.512	340	1.00	0.58
	4/15/04	<0.1	1.10	342.5	<1	0.56
	9/23/04	0.1	12.80	240	1.20	0.00
	4/8/05	<0.2	<1	340	<1	0.20
	9/30/05	0.2	<1	287	<1	0.13
MW-40	9/25/03	0.4	<1	285	0.55	0.48
	4/15/04	0.1	2.20	267.5	<1	0.68
	9/23/04	0.1	<1	185	<1	0.01
	4/7/05	<0.2	<1	225	<1	0.12
	9/29/05	<0.2	<1	192	<1	0.00
	9/29/2005 (MS)	<0.2	<1	189	<1	---
	9/29/2005 (MSD)	<0.2	<1	196	<1	---
MW-41	9/25/03	0.3	<1	164.5	3.70	0.72
	4/15/04	0.2	2.90	250	2.30	0.68
	9/23/04	0.5	<1	210.00	1.10	0.41
	4/7/05	<0.2	<1	380	<1	0.34
	9/30/05	0.5	<1	183	<1	0.00
	9/2/02	---	---	---	---	---
(a)						
MW-42	4/15/04	5.0	1.00	345	1.600	0.26
	9/20/04	0.2	31.00	325	2.800	---
	4/5/05	<0.2	15.00	280	1.2	3.30
	9/28/05	0.3	1.73	290	1.4	3.30

NOTES:

--- = Parameter not tested.

All units are mg/L

(a) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

TABLE H-3 (Cont'd)  
Geochemical Parameters  
Whirlpool Corporation  
Fort Smith, Arkansas

Well	Date	Nitrogen, Nitrate (mg/l)	Sulfates (mg/l)	Chloride (mg/l)	Potassium (mg/l)	Ferrous Fe (mg/l)
MW-43	4/15/04	2.5	16.80	125	3.500	2.26
	9/20/04	1.1	231.20	50	15.000	---
	4/5/05	0.9	72.00	40	1.2	0.63
	9/27/05	<0.2	30.10	95	1.2	1.00
MW-46	4/15/04	7.5	6.20	120	55.000	0.16
	9/20/04	0.4	65.50	100	11.000	---
	4/6/05	0.2	3.33	230	5.8	---
	9/28/05	0.6	25.40	250	4.1	2.46
MW-50	4/15/04	0.5	47.50	155	130.00	---
	9/20/04	0.4	136.80	165	3.20	---
	4/6/05	0.2	24.90	190	1.5	2.76
	9/28/05	2.4	108.00	200	2.1	2.49
MW-55	4/8/05	0.3	1.14	270	1.0	1.11
	9/28/05	0.3	16.60	285	<1	1.98
MW-56	4/8/05	3.2	95.30	40	1.5	0.00
	9/28/05	1.5	58.00	119	<1	---
MW-57	4/8/05	<0.2	11.20	375	<1	---
	9/28/05	0.6	33.60	285	<1	1.24
MW-58	4/7/05	0.2	1	0.1	1	0.86
	9/28/05	3.0	106.50	285	<1	0.10
MW-60	9/30/05	10.0	675.00	137	1.7	0.60
MW-61	9/30/05	27.5	560.00	47	2.8	0.02
MW-62	9/30/05	37.5	68.80	137	1.3	0.00
MW-63	9/30/05	22.5	480.00	162	1.5	---

NOTES:

--- = Parameter not tested.

All units are mg/L

(a) MW-38 was used as an injection well for the pilot study and has not been sampled using low-flow techniques.

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-1 ITMW- 1 11/1/1989	ITMW-1 ITMW- 1 1/1/1990	ITMW-1 ITMW- 1 11/1/1993	ITMW-1 ITMW- 1 12/1/1996	ITMW-1 ITMW- 1 2/1/1999	ITMW-1 ITMW- 1 3/1/2000
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloroethane							
1,1-Dichloroethane							
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,2-Dichloroethane							
1,2-Dichloroethene (total)							
1,2-Dichloropropane							
2-Hexanone							
4-Methyl-2-pentanone (MIBK)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroethane							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene						ND (unk)	0.008
cis-1,3-Dichloropropene							
Dibromochloromethane							
Ethylbenzene							
Methyl Ethyl Ketone (2-Butanone)							
Methylene Chloride							
Styrene							
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,3-Dichloropropene							
Trichloroethene		ND (unk)	ND (unk)	0.01	0.021	0.037	0.125
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Xylenes (total)							

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	Constituents	ITMW-1 MW- 1 9/19/2000	ITMW-1 MW- 1 3/27/2001	ITMW-1 MW- 1 9/11/2001	ITMW-1 ITMW- 1 9/10/2002	ITMW-1 ITMW- 1 2/27/2003	ITMW-1 ITMW- 1 9/23/2003
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)	ND (0.01)				
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.00745	0.006	0.009	0.009	0.00714	0.012
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.0307	0.03	0.027	0.035	0.0296	0.025
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-1 ITMW- 1 4/13/2004	ITMW-1 ITMW- 1 9/21/2004	ITMW-1 ITMW- 1 Dup2 9/21/2004	ITMW-1 ITMW- 1 9/28/2005
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)					0.0113
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.0111	0.0167	0.0158	0.0113
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.0422	0.026	0.0261	0.0347
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-2 ITMW-2 10/1/1989	ITMW-2 ITMW-2 11/1/1989	ITMW-2 ITMW-2 1/1/1990	ITMW-2 ITMW-2 DUP 11/1/1990	ITMW-2 ITMW-2 3/1/1991	ITMW-2 ITMW-2 11/1/1993
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloroethane							
1,1-Dichloroethane							
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,2-Dichloroethane							
1,2-Dichloroethene (total)							
1,2-Dichloropropane							
2-Hexanone							
4-Methyl-2-pentanone (MIBK)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroethane							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromochloromethane							
Ethylbenzene							
Methyl Ethyl Ketone (2-Butanone)							
Methylene Chloride							
Styrene							
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,3-Dichloropropene							
Trichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	0.004
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Xylenes (total)							

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-2 ITMW-2 12/1/1996	ITMW-2 ITMW-2 3/1/2000	ITMW-2 MW-2 9/19/2000	ITMW-2 MW-2 3/27/2001	ITMW-2 MW-2 9/13/2001	ITMW-2 ITMW-2 9/11/2002
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				ND (0.01)	ND (0.01)		
1,2-Dichloropropane				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone				ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)				ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone				0.0223	ND (0.01)	ND (0.01)	ND (0.01)
Benzene				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane				ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane				ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane				ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene			ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)				ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride				ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene				ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.0034	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (unk)	ND (unk)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)				ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	ITMW-2 ITMW-2 2/27/2003	ITMW-2 ITMW-2 9/23/2003	ITMW-2 ITMW-2 4/13/2004	ITMW-2 ITMW-2 DUP-1 4/13/2004	ITMW-2 ITMW-2 9/21/2004	ITMW-2 ITMW-2 Dup1 9/21/2004
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)						
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	ITMW-3 ITMW-3 10/1/1989	ITMW-3 ITMW-3 1/1/1990	ITMW-3 ITMW-3 11/1/1993	ITMW-3 ITMW-3 12/1/1996	ITMW-3 ITMW-3 2/1/1999	ITMW-3 ITMW-3 3/1/2000
Constituents						
1,1,1-Trichloroethane	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,1,2,2-Tetrachloroethane						
1,1,2-Trichloroethane						
1,1-Dichloroethane						
1,1-Dichloroethene	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,2-Dichloroethane						
1,2-Dichloroethene (total)						
1,2-Dichloropropane						
2-Hexanone						
4-Methyl-2-pentanone (MIBK)						
Acetone						
Benzene						
Bromodichloromethane						
Bromoform						
Bromomethane						
Carbon Disulfide						
Carbon Tetrachloride						
Chlorobenzene						
Chloroethane						
Chloroform						
Chloromethane						
cis-1,2-Dichloroethene					ND (unk)	ND (unk)
cis-1,3-Dichloropropene						
Dibromochloromethane						
Ethylbenzene						
Methyl Ethyl Ketone (2-Butanone)						
Methylene Chloride						
Styrene						
Tetrachloroethene	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Toluene	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,2-Dichloroethene	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,3-Dichloropropene						
Trichloroethene	ND (unk)	ND (unk)	0.003	0.0017	ND (unk)	ND (unk)
Vinyl Chloride	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Xylenes (total)						

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-3 ITMW-3 DUP 3/1/2000	ITMW-3 MW-3 9/19/2000	ITMW-3 MW-3 3/27/2001	ITMW-3 MW-3 9/11/2001	ITMW-3 ITMW-3 9/10/2002	ITMW-3 ITMW-3 2/27/2003
1,1,1-Trichloroethane		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			ND (0.01)	ND (0.01)			
1,2-Dichloropropane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane			ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	0.015	ND (0.005)
Vinyl Chloride		ND (unk)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)			ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	ITMW-3 ITMW-30 2/27/2003	ITMW-3 ITMW-3 9/23/2003	ITMW-3 ITMW-3 4/13/2004	ITMW-3 ITMW-3 9/21/2004	ITMW-3 ITMW-3 9/28/2005
Constituents					
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)					ND (0.01)
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	0.0203	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	0.06	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-4 ITMW-4 10/1/1989	ITMW-4 ITMW-4 11/1/1989	ITMW-4 ITMW-4 1/1/1990	ITMW-4 ITMW-4 11/1/1993	ITMW-4 ITMW-4 12/1/1996	ITMW-4 ITMW-4 2/1/1999
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloroethane							
1,1-Dichloroethane							
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,2-Dichloroethane							
1,2-Dichloroethene (total)							
1,2-Dichloropropane							
2-Hexanone							
4-Methyl-2-pentanone (MIBK)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroethane							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene							0.054
cis-1,3-Dichloropropene							
Dibromochloromethane							
Ethylbenzene							
Methyl Ethyl Ketone (2-Butanone)							
Methylene Chloride							
Styrene							
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,3-Dichloropropene							
Trichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	0.075	0.093
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Xylenes (total)							

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-4 ITMW-4 3/1/2000	ITMW-4 MW-4 9/20/2000	ITMW-4 MW-4 3/28/2001	ITMW-4 MW-4 9/13/2001	ITMW-4 ITMW-4 9/10/2002	ITMW-4 ITMW-4 2/28/2003
1,1,1-Trichloroethane		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			0.0106	ND (0.01)			
1,2-Dichloropropane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane			ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene			0.00574	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.016	0.0106	ND (0.005)	0.008	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride			0.0677	ND (0.01)	0.04	ND (0.01)	ND (0.01)
Styrene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.022	0.0139	0.009	0.006	0.009	ND (0.005)
Vinyl Chloride		ND (unk)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)			ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-4 ITMW-4 9/23/2003	ITMW-4 ITMW-4 4/14/2004	ITMW-4 ITMW-4 9/22/2004	ITMW-4 ITMW-4 9/27/2005
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)					ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		0.0117	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	0.0109	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
'(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-5 ITMW-5 10/1/1989	ITMW-5 ITMW-5 1/1/1990	ITMW-5 ITMW-5 12/1/1996	ITMW-5 ITMW-5 2/1/1999	ITMW-5 ITMW-5 3/1/2000	ITMW-5 MW-5 9/20/2000
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
1,1,2,2-Tetrachloroethane							ND (0.005)
1,1,2-Trichloroethane							ND (0.005)
1,1-Dichloroethane							ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	0.007	ND (unk)	0.006
1,2-Dichloroethane							ND (0.005)
1,2-Dichloroethene (total)							0.0644
1,2-Dichloropropane							ND (0.005)
2-Hexanone							ND (0.01)
4-Methyl-2-pentanone (MIBK)							ND (0.01)
Acetone							ND (0.01)
Benzene							ND (0.005)
Bromodichloromethane							ND (0.005)
Bromoform							ND (0.005)
Bromomethane							ND (0.005)
Carbon Disulfide							ND (0.005)
Carbon Tetrachloride							ND (0.005)
Chlorobenzene							ND (0.005)
Chloroethane							ND (0.01)
Chloroform							ND (0.005)
Chloromethane							ND (0.01)
cis-1,2-Dichloroethene					0.039	0.059	0.0644
cis-1,3-Dichloropropene							ND (0.005)
Dibromochloromethane							ND (0.005)
Ethylbenzene							ND (0.005)
Methyl Ethyl Ketone (2-Butanone)							ND (0.01)
Methylene Chloride							ND (0.01)
Styrene							ND (0.005)
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,3-Dichloropropene							ND (0.005)
Trichloroethene		ND (unk)	ND (unk)	0.021	0.086	0.073	0.085
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.01)
Xylenes (total)							ND (0.01)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-5 MW-5 3/28/2001	ITMW-5 MW-5 9/13/2001	ITMW-5 ITMW-5 9/10/2002	ITMW-5 ITMW-5 2/28/2003	ITMW-5 ITMW-5 9/24/2003	ITMW-5 ITMW-5 4/14/2004
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	0.007	0.00598	0.0062	0.00589
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		0.05					
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.046	0.064	0.072	0.0687	0.0737	0.0554
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.1	0.072	0.108	0.0904	0.0973	0.0839
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-5 ITMW-5 9/22/2004	ITMW-5 DUP-040605 4/6/2005	ITMW-5 ITMW-5 4/6/2005	ITMW-5 DUP-1 9/28/2005	ITMW-5 ITMW-5 9/28/2005	ITMW-5 DUP-1 3/14/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		0.00707	0.00585	0.00663	ND (0.005)	ND (0.005)	0.0055
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			0.071	0.0726	0.0544	0.0535	0.0661
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.0758	0.071	0.0726	0.0544	0.0535	0.0661
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.105	0.087	0.0932	0.0821	0.079	0.0984
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-6 ITMW-6 10/1/1989	ITMW-6 ITMW-6 1/1/1990	ITMW-6 ITMW-6 12/1/1996	ITMW-6 ITMW-6 5/1/1997	ITMW-6 ITMW-6 2/1/1999	ITMW-6 ITMW-6 DUP 2/1/1999
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloroethane							
1,1-Dichloroethane							
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,2-Dichloroethane							
1,2-Dichloroethene (total)							
1,2-Dichloropropane							
2-Hexanone							
4-Methyl-2-pentanone (MIBK)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroethane							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene					ND (unk)	ND (unk)	ND (unk)
cis-1,3-Dichloropropene							
Dibromochloromethane							
Ethylbenzene							
Methyl Ethyl Ketone (2-Butanone)							
Methylene Chloride							
Styrene							
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	
trans-1,3-Dichloropropene							
Trichloroethene		ND (unk)	ND (unk)	0.0068	0.007	ND (unk)	0.006
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Xylenes (total)							

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-6 ITMW-6 3/1/2000	ITMW-6 MW-6 9/20/2000	ITMW-6 MW-6 3/28/2001	ITMW-6 MW-6 9/13/2001	ITMW-6 ITMW-6 9/10/2002	ITMW-6 ITMW-6 DUP-1 9/10/2002
1,1,1-Trichloroethane		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			ND (0.01)	ND (0.01)			
1,2-Dichloropropane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane			ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (unk)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)			ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-6 ITMW-6 2/27/2003	ITMW-6 ITMW-6 9/24/2003	ITMW-6 ITMW-6 4/14/2004	ITMW-6 ITMW-6 9/22/2004	ITMW-6 ITMW-6 9/28/2005
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)						ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-7 ITMW-7 11/1/1989	ITMW-7 ITMW-7 1/1/1990	ITMW-7 ITMW-7 12/1/1996	ITMW-7 ITMW-7 5/1/1997	ITMW-7 ITMW-7 2/1/1999	ITMW-7 ITMW-7 6/1/1999
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloroethane							
1,1-Dichloroethane							
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,2-Dichloroethane							
1,2-Dichloroethene (total)							
1,2-Dichloropropane							
2-Hexanone							
4-Methyl-2-pentanone (MIBK)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroethane							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene					0.18	ND (unk)	0.144
cis-1,3-Dichloropropene							
Dibromochloromethane							
Ethylbenzene							
Methyl Ethyl Ketone (2-Butanone)							
Methylene Chloride							
Styrene							
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,3-Dichloropropene							
Trichloroethene		ND (unk)	ND (unk)	0.29	0.38	ND (unk)	0.32
Vinyl Chloride		ND (unk)	ND (unk)	0.003	ND (unk)	ND (unk)	ND (unk)
Xylenes (total)							

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-7 ITMW-7 DUP 6/1/1999	ITMW-7 ITMW-7 3/1/2000	ITMW-7 ITMW-7 DUP 3/1/2000	ITMW-7 MW-7 9/19/2000	ITMW-7 ITMW-7 DUP-3 9/21/2000	ITMW-7 MW-7 3/28/2001
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)					0.1	ND (0.01)	0.07
1,2-Dichloropropane					ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone					ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)					ND (0.01)	ND (0.01)	ND (0.01)
Acetone					ND (0.01)	ND (0.02)	ND (0.01)
Benzene					ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane					ND (0.005)	ND (0.005)	ND (0.005)
Bromoform					ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane					ND (0.005)	ND (0.005)	ND (0.01)
Carbon Disulfide					ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride					ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene					ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane					ND (0.01)	ND (0.01)	ND (0.01)
Chloroform					ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane					ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.14	0.1	0.092	0.1	ND (0.005)	0.066
cis-1,3-Dichloropropene					ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane					ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene					ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)					ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride					ND (0.01)	ND (0.01)	ND (0.01)
Styrene					ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene					ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.3	0.262	0.207	0.207	0.109	0.161
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)					ND (0.01)	ND (0.01)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-7 MW-7 9/13/2001	ITMW-7 ITMW-7 9/10/2002	ITMW-7 ITMW-7 DUP-2 9/10/2002	ITMW-7 ITMW-7 2/27/2003	ITMW-7 ITMW-7 9/24/2003	ITMW-7 ITMW-7 4/14/2004
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)							
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.068	0.056	0.054	0.0925	0.0573	0.0807
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.139	0.137	0.128	0.172	0.125	0.201
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-7 ITMW-7 9/22/2004	ITMW-7 ITMW-7 4/7/2005	ITMW-7 ITMW-7 9/28/2005	ITMW-7 ITMW-7 3/14/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			0.039	0.0305	0.0595
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.0484	0.039	0.0305	0.0595
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.132	0.122	0.1	0.153
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-9 ITMW-9 1/1/1990	ITMW-9 ITMW-9 12/1/1996	ITMW-9 ITMW-9 5/1/1997	ITMW-9 ITMW-9 2/1/1999	ITMW-9 ITMW-9 3/1/2000	ITMW-9 ITMW-9 DUP-2 9/20/2000
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
1,1,2,2-Tetrachloroethane							ND (0.005)
1,1,2-Trichloroethane							ND (0.005)
1,1-Dichloroethane							ND (0.005)
1,1-Dichloroethene		ND (unk)	0.015	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
1,2-Dichloroethane							ND (0.005)
1,2-Dichloroethene (total)							0.014
1,2-Dichloropropane							ND (0.005)
2-Hexanone							ND (0.01)
4-Methyl-2-pentanone (MIBK)							ND (0.01)
Acetone							ND (0.01)
Benzene							ND (0.005)
Bromodichloromethane							ND (0.005)
Bromoform							ND (0.005)
Bromomethane							ND (0.005)
Carbon Disulfide							ND (0.005)
Carbon Tetrachloride							ND (0.005)
Chlorobenzene							ND (0.005)
Chloroethane							ND (0.01)
Chloroform							ND (0.005)
Chloromethane							ND (0.01)
cis-1,2-Dichloroethene				ND (unk)	0.024	0.045	0.014
cis-1,3-Dichloropropene							ND (0.005)
Dibromochloromethane							ND (0.005)
Ethylbenzene							ND (0.005)
Methyl Ethyl Ketone (2-Butanone)							ND (0.01)
Methylene Chloride							ND (0.01)
Styrene							ND (0.005)
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,3-Dichloropropene							ND (0.005)
Trichloroethene		ND (unk)	0.23	0.007	0.04	0.069	0.0548
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.01)
Xylenes (total)							ND (0.01)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-9 MW-9 9/20/2000	ITMW-9 MW-9 3/28/2001	ITMW-9 MW-9 9/13/2001	ITMW-9 ITMW-9 9/10/2002	ITMW-9 ITMW-9 2/28/2003	ITMW-9 ITMW-9 9/23/2003
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		0.0143	0.01				
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.0143	0.012	0.012	0.021	0.0372	0.0495
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.0573	0.04	0.04	0.061	0.0542	0.091
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-9 ITMW-9 DUP-1 9/23/2003	ITMW-9 ITMW-9 4/14/2004	ITMW-9 ITMW-9 9/22/2004	ITMW-9 ITMW-9 4/6/2005	ITMW-9 ITMW-9 9/27/2005	ITMW-9 ITMW-9 3/14/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)					0.0304	0.0546	0.0787
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.0539	0.0388	0.0211	0.0304	0.0546	0.0787
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.0976	0.0718	0.0807	0.079	0.0988	0.101
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-10 ITMW-10 1/1/1990	ITMW-10 ITMW-10 12/1/1996	ITMW-10 ITMW-10 2/1/1999	ITMW-10 ITMW-10 3/1/2000	ITMW-10 MW 10 9/20/2000	ITMW-10 MW 10 3/28/2001
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane						ND (0.005)	ND (0.005)
1,1,2-Trichloroethane						ND (0.005)	ND (0.005)
1,1-Dichloroethane						ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	0.002	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)
1,2-Dichloroethane						ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)						0.0159	0.02
1,2-Dichloropropane						ND (0.005)	ND (0.005)
2-Hexanone						ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)						ND (0.01)	ND (0.01)
Acetone						ND (0.01)	ND (0.01)
Benzene						ND (0.005)	ND (0.005)
Bromodichloromethane						ND (0.005)	ND (0.005)
Bromoform						ND (0.005)	ND (0.005)
Bromomethane						ND (0.005)	ND (0.01)
Carbon Disulfide						ND (0.005)	ND (0.005)
Carbon Tetrachloride						ND (0.005)	ND (0.005)
Chlorobenzene						ND (0.005)	ND (0.005)
Chloroethane						ND (0.01)	ND (0.01)
Chloroform						ND (0.005)	ND (0.005)
Chloromethane						ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene				0.013	0.017	0.0159	0.021
cis-1,3-Dichloropropene						ND (0.005)	ND (0.005)
Dibromochloromethane						ND (0.005)	ND (0.005)
Ethylbenzene						ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)						ND (0.01)	ND (0.01)
Methylene Chloride						ND (0.01)	ND (0.01)
Styrene						ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene						ND (0.005)	ND (0.005)
Trichloroethene		ND (unk)	0.004	0.025	0.023	0.0181	0.04
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.01)	ND (0.01)
Xylenes (total)						ND (0.01)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	ITMW-10 MW 10 9/13/2001	ITMW-10 MW 10 DUP 9/13/2001	ITMW-10 ITMW-10 9/10/2002	ITMW-10 ITMW-10 2/28/2003	ITMW-10 MW 10 7/16/2003	ITMW-10 ITMW-10 9/23/2003
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)						
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	0.028	0.027	0.038	0.0509	0.0492	0.0565
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	0.0116	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	0.029	0.03	0.055	0.0576	0.0553	0.0659
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-10 ITMW-10 4/14/2004	ITMW-10 MW 10 9/22/2004	ITMW-10 ITMW-10 4/6/2005	ITMW-10 ITMW-10 9/28/2005	ITMW-10 ITMW-10 3/14/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		0.00532	ND (0.005)	0.00593	ND (0.005)	0.00549
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				0.0577	0.0416	0.0672
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.0574	0.05	0.0577	0.0416	0.0672
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		0.00978	ND (0.005)	0.0157	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.08	0.0596	0.0721	0.0576	0.082
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-11 ITMW-11 1/1/1990	ITMW-11 ITMW-11 11/1/1990	ITMW-11 ITMW-11 2/1/1991	ITMW-11 ITMW-11 11/1/1993	ITMW-11 ITMW-11 12/1/1996	ITMW-11 ITMW-11 2/1/1999
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloroethane							
1,1-Dichloroethane							
1,1-Dichloroethene		ND (unk)	0.0089	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,2-Dichloroethane							
1,2-Dichloroethene (total)							
1,2-Dichloropropane							
2-Hexanone							
4-Methyl-2-pentanone (MIBK)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroethane							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene							0.01
cis-1,3-Dichloropropene							
Dibromochloromethane							
Ethylbenzene							
Methyl Ethyl Ketone (2-Butanone)							
Methylene Chloride							
Styrene							
Tetrachloroethene		0.015	ND (unk)	0.0089	0.001	ND (unk)	ND (unk)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,2-Dichloroethene		3.6	1.5	1	ND (unk)	0.011	ND (unk)
trans-1,3-Dichloropropene							
Trichloroethene		19	4.7	3.4	2.3	0.51	0.65
Vinyl Chloride		0.18	0.093	ND (unk)	0.043	ND (unk)	ND (unk)
Xylenes (total)							

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-11 ITMW-11 3/1/2000	ITMW-11 MW-11 9/19/2000	ITMW-11 MW-11 3/27/2001	ITMW-11 MW-11 9/13/2001	ITMW-11 MW-11 11/20/2001	ITMW-11 ITMW-11L 9/9/2002
1,1,1-Trichloroethane		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			0.327	ND (0.25)			
1,2-Dichloropropane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone			ND (0.01)	ND (0.01)	ND (0.01)	0.01	ND (0.01)
Benzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane			ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.206	0.327	0.2	0.183	ND (0.005)	0.206
cis-1,3-Dichloropropene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	0.00584	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		3.37	8.03	7	6	ND (0.005)	7.1
Vinyl Chloride		ND (unk)	0.0117	ND (0.01)	ND (0.01)	ND (0.01)	0.01
Xylenes (total)			ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-11 ITMW-11T 9/9/2002	ITMW-11 ITMW-11 2/26/2003	ITMW-11 ITMW-11 9/24/2003	ITMW-11 ITMW-11 DUP-1 2/26/2003	ITMW-11 ITMW-11 4/13/2004	ITMW-11 ITMW-11 9/21/2004
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	0.00803	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)							
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	0.007	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.072	0.346	0.269	0.306	0.24	0.204
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.8	4.11	3.99	3.63	3.16	3.45
Vinyl Chloride		ND (0.01)	0.0588	0.0118	0.0607	0.0378	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-11 ITMW-11 4/7/2005	ITMW-11 ITMW-11 9/29/2005	ITMW-11 DUP-2 3/16/2006	ITMW-11 ITMW-11 3/16/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	0.0146	ND (0.02)
1,1-Dichloroethene		0.00599	ND (0.005)	0.033	0.0338
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
1,2-Dichloroethene (total)		0.29	0.199	1.2	1.3
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)
Acetone		ND (0.01)	ND (0.01)	0.0198	ND (0.05)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)
cis-1,2-Dichloroethene		0.282	0.199	1.21	1.29
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)
Methylene Chloride		ND (0.01)	ND (0.01)	0.0272	ND (0.05)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
Toluene		ND (0.005)	ND (0.005)	0.0183	ND (0.02)
trans-1,2-Dichloroethene		0.00801	ND (0.005)	ND (0.005)	ND (0.02)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)
Trichloroethene		4.21	3.91	12.8	14.6
Vinyl Chloride		0.0667	0.018	0.381	0.482
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.075)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-12 ITMW-12 11/1/1990	ITMW-12 ITMW-12 2/1/1991	ITMW-12 ITMW-12 11/1/1993	ITMW-12 ITMW-12 12/1/1996	ITMW-12 ITMW-12 2/1/1999	ITMW-12 ITMW-12 3/1/2000
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloroethane							
1,1-Dichloroethane							
1,1-Dichloroethene		0.0099	ND (unk)	0.004	ND (unk)	ND (unk)	ND (unk)
1,2-Dichloroethane							
1,2-Dichloroethene (total)							
1,2-Dichloropropane							
2-Hexanone							
4-Methyl-2-pentanone (MIBK)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroethane							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene						0.48	0.32
cis-1,3-Dichloropropene							
Dibromochloromethane							
Ethylbenzene							
Methyl Ethyl Ketone (2-Butanone)							
Methylene Chloride							
Styrene							
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,2-Dichloroethene		1.3	1	0.002	ND (unk)	ND (unk)	ND (unk)
trans-1,3-Dichloropropene							
Trichloroethene		2.4	2.1	2.5	1.2	3.1	3.11
Vinyl Chloride		0.14	ND (unk)	0.035	ND (unk)	0.034	0.019
Xylenes (total)							

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	ITMW-12 MW-12 9/19/2000	ITMW-12 MW-12 3/27/2001	ITMW-12 MW-12 9/13/2001	ITMW-12 MW-12 11/20/2001	ITMW-12 ITMW-12 9/11/2002	ITMW-12 ITMW-12 2/26/2003
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)	0.18	ND (0.25)				
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	0.18	0.2	0.159	0.3	0.3	0.287
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	3.35	3.9	3.1	2.4	4.2	3.46
Vinyl Chloride	0.012	0.02	ND (0.01)	0.02	ND (0.01)	ND (0.01)
Xylenes (total)	ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-12 ITMW-12 DUP-2 2/26/2003	ITMW-12 ITMW-12 9/24/2003	ITMW-12 ITMW-12 4/13/2004	ITMW-12 ITMW-12 9/21/2004	ITMW-12 ITMW-12 9/29/2005
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)						0.273
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.308	0.242	0.245	0.238	0.273
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		3.94	2.92	2.41	1.78	2.12
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-13 ITMW-13 11/1/1990	ITMW-13 ITMW-13 2/1/1991	ITMW-13 ITMW-13 11/1/1993	ITMW-13 ITMW-13 12/1/1996	ITMW-13 ITMW-13 2/1/1999	ITMW-13 ITMW-13 3/1/2000
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloroethane							
1,1-Dichloroethane							
1,1-Dichloroethene		ND (unk)	ND (unk)		0.0016	ND (unk)	ND (unk)
1,2-Dichloroethane							
1,2-Dichloroethene (total)							
1,2-Dichloropropane							
2-Hexanone							
4-Methyl-2-pentanone (MIBK)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroethane							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene						0.14	0.121
cis-1,3-Dichloropropene							
Dibromochloromethane							
Ethylbenzene							
Methyl Ethyl Ketone (2-Butanone)							
Methylene Chloride							
Styrene							
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,2-Dichloroethene		0.19	0.17		0.0013	ND (unk)	ND (unk)
trans-1,3-Dichloropropene							
Trichloroethene		0.034	0.032		0.036	0.036	0.037
Vinyl Chloride		0.018	0.035	0.029	0.036	0.048	0.053
Xylenes (total)							

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-13 MW-13 9/19/2000	ITMW-13 MW-13 3/28/2001	ITMW-13 MW-13 9/13/2001	ITMW-13 ITMW-13L 9/9/2002	ITMW-13 ITMW-13T 9/9/2002	ITMW-13 ITMW-13 2/26/2003
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		0.112	0.09				
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.112	0.092	0.111	0.11	0.086	0.0855
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.0224	0.044	0.035	0.099	0.081	0.0702
Vinyl Chloride		0.0505	0.04	0.08	0.01	0.02	ND (0.01)
Xylenes (total)		ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	ITMW-13 ITMW-13 9/24/2003	ITMW-13 ITMW-13 4/13/2004	ITMW-13 ITMW-13 9/21/2004	ITMW-13 ITMW-13 4/7/2005	ITMW-13 ITMW-13 9/30/2005	ITMW-13 ITMW-13 3/16/2006
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				0.103	0.114	0.187
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	0.13	0.0872	0.0716	0.103	0.114	0.187
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	0.159	0.0484	0.0255	0.0718	0.0727	0.141
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	0.0179	ND (0.01)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-14 ITMW-14 11/1/1990	ITMW-14 ITMW-14 2/1/1991	ITMW-14 ITMW-14 11/1/1993	ITMW-14 ITMW-14 12/1/1996	ITMW-14 ITMW-14 2/1/1999	ITMW-14 ITMW-14 3/1/2000
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloroethane							
1,1-Dichloroethane							
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,2-Dichloroethane							
1,2-Dichloroethene (total)							
1,2-Dichloropropane							
2-Hexanone							
4-Methyl-2-pentanone (MIBK)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroethane							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene						0.029	0.024
cis-1,3-Dichloropropene							
Dibromochloromethane							
Ethylbenzene							
Methyl Ethyl Ketone (2-Butanone)							
Methylene Chloride							
Styrene							
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,2-Dichloroethene		0.03	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,3-Dichloropropene							
Trichloroethene		ND (unk)	ND (unk)	0.006	ND (unk)	ND (unk)	ND (unk)
Vinyl Chloride		0.013	ND (unk)	ND (unk)	ND (unk)	0.02	0.012
Xylenes (total)							

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-14 MW-14 9/19/2000	ITMW-14 MW-14 3/27/2001	ITMW-14 MW-14 9/13/2001	ITMW-14 ITMW-14 9/11/2002	ITMW-14 ITMW-14 2/26/2003	ITMW-14 ITMW-14 9/24/2003
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		0.0136	0.02				
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.0136	0.024	0.005	0.006	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	0.00565
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	0.041	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	0.01	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-14 ITMW-14 4/13/2004	ITMW-14 ITMW-14 9/21/2004	ITMW-14 ITMW-14 9/30/2005
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		0.00768	0.0078	0.00787
Toluene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-15 ITMW-15 11/1/1990	ITMW-15 ITMW-15 2/1/1991	ITMW-15 ITMW-15 4/15/1991	ITMW-15 ITMW-15 4/19/1991	ITMW-15 ITMW-15 4/20/1991	ITMW-15 ITMW-15 11/1/1993
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloroethane							
1,1-Dichloroethane							
1,1-Dichloroethene		0.0081	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,2-Dichloroethane							
1,2-Dichloroethene (total)							
1,2-Dichloropropane							
2-Hexanone							
4-Methyl-2-pentanone (MIBK)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroethane							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromochloromethane							
Ethylbenzene							
Methyl Ethyl Ketone (2-Butanone)							
Methylene Chloride							
Styrene							
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,2-Dichloroethene		1.5	0.87	0.6	1	1.1	0.001
trans-1,3-Dichloropropene							
Trichloroethene		2.5	1.7	2	2.1	2.4	4.3
Vinyl Chloride		0.055	ND (unk)	ND (unk)	ND (unk)	ND (unk)	0.01
Xylenes (total)							

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-15 ITMW-15 12/1/1996	ITMW-15 ITMW-15 2/1/1999	ITMW-15 ITMW-15 3/1/2000	ITMW-15 ITMW-15 DUP-1 9/19/2000	ITMW-15 MW-15 9/19/2000	ITMW-15 MW-15 3/28/2001
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)					0.091	0.0927	0.06
1,2-Dichloropropane					ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone					ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)					ND (0.01)	ND (0.01)	ND (0.01)
Acetone					ND (0.01)	ND (0.01)	ND (0.01)
Benzene					ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane					ND (0.005)	ND (0.005)	ND (0.005)
Bromoform					ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane					ND (0.005)	ND (0.005)	ND (0.01)
Carbon Disulfide					ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride					ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene					ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane					ND (0.01)	ND (0.01)	ND (0.01)
Chloroform					ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane					ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene			0.12	0.097	0.091	0.0927	0.057
cis-1,3-Dichloropropene					ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane					ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene					ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)					ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride					ND (0.01)	ND (0.01)	ND (0.01)
Styrene					ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene					ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.24	0.4	0.339	0.376	0.362	0.29
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)					ND (0.01)	ND (0.01)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-15 MW-15 9/13/2001	ITMW-15 MW-15 DUP 9/13/2001	ITMW-15 MW-15 11/20/2001	ITMW-15 ITMW-15 9/11/2002	ITMW-15 ITMW-15 2/26/2003	ITMW-15 ITMW-15 9/25/2003
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)							
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	0.01	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.087	0.08	0.03	0.075	0.0987	0.0919
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.38	0.37	0.157	0.32	0.301	0.49
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-15 ITMW-15 4/14/2004	ITMW-15 ITMW-15 9/21/2004	ITMW-15 ITMW-15 4/7/2005	ITMW-15 ITMW-15 9/29/2005	ITMW-15 ITMW-15 3/16/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				0.133	0.189	0.183
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.126	0.118	0.133	0.189	0.183
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.334	0.774	0.685	0.862	0.908
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	0.012
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-16 ITMW-16 2/1/1991	ITMW-16 ITMW-16 11/1/1993	ITMW-16 ITMW-16 12/1/1996	ITMW-16 ITMW-16 2/1/1999	ITMW-16 ITMW-16 3/1/2000	ITMW-16 MW-16 9/21/2000
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
1,1,2,2-Tetrachloroethane							ND (0.005)
1,1,2-Trichloroethane							ND (0.005)
1,1-Dichloroethane							ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
1,2-Dichloroethane							ND (0.005)
1,2-Dichloroethene (total)							ND (0.01)
1,2-Dichloropropane							ND (0.005)
2-Hexanone							ND (0.01)
4-Methyl-2-pentanone (MIBK)							ND (0.01)
Acetone							ND (0.02)
Benzene							ND (0.005)
Bromodichloromethane							ND (0.005)
Bromoform							ND (0.005)
Bromomethane							ND (0.005)
Carbon Disulfide							ND (0.005)
Carbon Tetrachloride							ND (0.005)
Chlorobenzene							ND (0.005)
Chloroethane							ND (0.01)
Chloroform							ND (0.005)
Chloromethane							ND (0.01)
cis-1,2-Dichloroethene					ND (unk)	ND (unk)	ND (0.005)
cis-1,3-Dichloropropene							ND (0.005)
Dibromochloromethane							ND (0.005)
Ethylbenzene							ND (0.005)
Methyl Ethyl Ketone (2-Butanone)							ND (0.01)
Methylene Chloride							ND (0.01)
Styrene							ND (0.005)
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,2-Dichloroethene		0.06	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,3-Dichloropropene							ND (0.005)
Trichloroethene		0.031	0.041	ND (unk)	ND (unk)	0.007	ND (0.005)
Vinyl Chloride		ND (unk)	0.007	ND (unk)	ND (unk)	ND (unk)	ND (0.01)
Xylenes (total)							ND (0.01)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	ITMW-16 MW-16 3/26/2001	ITMW-16 MW-16 9/13/2001	ITMW-16 ITMW-16 9/11/2002	ITMW-16 ITMW-16 2/27/2003	ITMW-16 ITMW-16 9/25/2003	ITMW-16 ITMW-16 4/15/2004
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)	ND (0.01)					
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-16 ITMW-16 9/23/2004	ITMW-16 DUP-2 9/29/2005	ITMW-16 ITMW-16 9/29/2005
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-17 ITMW-17 2/1/1991	ITMW-17 ITMW-17 4/15/1991	ITMW-17 ITMW-17 4/24/1991	ITMW-17 ITMW-17 11/1/1993	ITMW-17 ITMW-17 12/1/1996	ITMW-17 ITMW-17 2/1/1999
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloroethane							
1,1-Dichloroethane							
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	0.013
1,2-Dichloroethane							
1,2-Dichloroethene (total)							
1,2-Dichloropropane							
2-Hexanone							
4-Methyl-2-pentanone (MIBK)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroethane							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene							0.24
cis-1,3-Dichloropropene							
Dibromochloromethane							
Ethylbenzene							
Methyl Ethyl Ketone (2-Butanone)							
Methylene Chloride							
Styrene							
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	0.004	ND (unk)	ND (unk)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	0.58	0.003	ND (unk)	ND (unk)
trans-1,3-Dichloropropene							
Trichloroethene		21	21	21	18	9.3	11
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	0.015	ND (unk)	ND (unk)
Xylenes (total)							

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-17 ITMW-17 3/1/2000	ITMW-17 MW-17 9/19/2000	ITMW-17 MW-17 1/5/2001	ITMW-17 MW-17 3/28/2001	ITMW-17 MW-17 9/13/2001	ITMW-17 ITMW-17 9/11/2002
1,1,1-Trichloroethane		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	0.009	ND (0.005)	0.007	0.007	0.008
1,2-Dichloroethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			0.18	0.18	0.13		
1,2-Dichloropropane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane			ND (0.005)	ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.171	0.18	0.179	0.134	0.158	0.153
cis-1,3-Dichloropropene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride			ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene			ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		6.78	5.5	8.31	6.7	6.3	6.5
Vinyl Chloride		ND (unk)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)			ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-17 ITMW-17 2/26/2003	ITMW-17 ITMW-17 9/25/2003	ITMW-17 ITMW-17 4/14/2004	ITMW-17 ITWM-17 DUP-2 4/14/2004	ITMW-17 ITMW-17 9/21/2004	ITMW-17 ITMW-17 4/7/2005
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		0.00646	0.00719	0.0102	0.00912	0.00963	0.0095
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)							0.156
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.134	0.136	0.184	0.182	0.156	0.156
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		4.38	6.09	5.05	4.92	5.76	5.75
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-18 ITMW-18 2/1/1991	ITMW-18 ITMW-18 11/1/1993	ITMW-18 ITMW-18 12/1/1996	ITMW-18 ITMW-18 2/1/1999	ITMW-18 ITMW-18 3/1/2000	ITMW-18 MW-18 9/19/2000
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
1,1,2,2-Tetrachloroethane							ND (0.005)
1,1,2-Trichloroethane							ND (0.005)
1,1-Dichloroethane							ND (0.005)
1,1-Dichloroethene		ND (unk)	0.009	ND (unk)	ND (unk)	ND (unk)	0.007
1,2-Dichloroethane							ND (0.005)
1,2-Dichloroethene (total)							0.409
1,2-Dichloropropane							ND (0.005)
2-Hexanone							ND (0.01)
4-Methyl-2-pentanone (MIBK)							ND (0.01)
Acetone							ND (0.01)
Benzene							ND (0.005)
Bromodichloromethane							ND (0.005)
Bromoform							ND (0.005)
Bromomethane							ND (0.005)
Carbon Disulfide							ND (0.005)
Carbon Tetrachloride							ND (0.005)
Chlorobenzene							ND (0.005)
Chloroethane							ND (0.01)
Chloroform							ND (0.005)
Chloromethane							ND (0.01)
cis-1,2-Dichloroethene					0.48	0.401	0.409
cis-1,3-Dichloropropene							ND (0.005)
Dibromochloromethane							ND (0.005)
Ethylbenzene							ND (0.005)
Methyl Ethyl Ketone (2-Butanone)							ND (0.01)
Methylene Chloride							ND (0.01)
Styrene							ND (0.005)
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,2-Dichloroethene		0.33	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,3-Dichloropropene							ND (0.005)
Trichloroethene		3.7	4.5	1.6	6.3	3.56	4.08
Vinyl Chloride		ND (unk)	0.006	ND (unk)	ND (unk)	ND (unk)	ND (0.01)
Xylenes (total)							ND (0.01)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	ITMW-18 MW-18 3/27/2001	ITMW-18 MW-18 9/11/2001	ITMW-18 ITMW-18 9/11/2002	ITMW-18 ITMW-18 2/26/2003	ITMW-18 ITMW-18 9/24/2003	ITMW-18 ITMW-18 4/13/2004
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	0.006	ND (0.005)	0.008	0.0087	0.0102	0.0158
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)	0.38					
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	0.4	0.3	0.3	0.29	0.415	0.41
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	0.007	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	4	4.1	6.7	5.11	7.7	7.74
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-18 ITMW-18 9/21/2004	ITMW-18 ITMW-18 4/8/2005	ITMW-18 ITMW-18 9/29/2005	ITMW-18 ITMW-18 3/15/2006	ITMW-18 DUPLICATE 2 3/27/2001
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
1,1-Dichloroethene		0.0166	0.0207	0.0191	ND (0.02)	ND (0.05)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
1,2-Dichloroethene (total)			0.389	0.241	0.373	0.4
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
cis-1,2-Dichloroethene		0.38	0.389	0.241	0.373	0.37
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
trans-1,2-Dichloroethene		0.0119	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.02)	ND (0.05)
Trichloroethene		7.05	7.08	4.66	5.75	4.2
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.075)	ND (0.15)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-19 ITMW-19 2/1/1991	ITMW-19 ITMW-19 11/1/1993	ITMW-19 ITMW-19 12/1/1996	ITMW-19 ITMW-19 2/1/1999	ITMW-19 ITMW-19 3/1/2000	ITMW-19 MW-19 9/19/2000
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
1,1,2,2-Tetrachloroethane							ND (0.005)
1,1,2-Trichloroethane							ND (0.005)
1,1-Dichloroethane							ND (0.005)
1,1-Dichloroethene		ND (unk)		ND (unk)	0.04	0.029	0.056
1,2-Dichloroethane							ND (0.005)
1,2-Dichloroethene (total)							0.197
1,2-Dichloropropane							ND (0.005)
2-Hexanone							ND (0.01)
4-Methyl-2-pentanone (MIBK)							ND (0.01)
Acetone							ND (0.01)
Benzene							ND (0.005)
Bromodichloromethane							ND (0.005)
Bromoform							ND (0.005)
Bromomethane							ND (0.005)
Carbon Disulfide							ND (0.005)
Carbon Tetrachloride							ND (0.005)
Chlorobenzene							ND (0.005)
Chloroethane							ND (0.01)
Chloroform							0.00944
Chloromethane							ND (0.01)
cis-1,2-Dichloroethene					0.15	0.128	0.197
cis-1,3-Dichloropropene							ND (0.005)
Dibromochloromethane							ND (0.005)
Ethylbenzene							ND (0.005)
Methyl Ethyl Ketone (2-Butanone)							ND (0.01)
Methylene Chloride							ND (0.01)
Styrene							ND (0.005)
Tetrachloroethene		ND (unk)	0.005	ND (unk)	0.008	0.007	0.0102
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,3-Dichloropropene							ND (0.005)
Trichloroethene		9.9	27	25	33	33.1	35.7
Vinyl Chloride		ND (unk)	0.007	ND (unk)	ND (unk)	ND (unk)	ND (0.01)
Xylenes (total)							ND (0.01)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	ITMW-19 MW-19 1/5/2001	ITMW-19 MW-19 3/28/2001	ITMW-19 MW-19 9/13/2001	ITMW-19 ITMW-19 9/11/2002	ITMW-19 ITMW-19 2/26/2003	ITMW-19 ITMW-19 9/24/2003
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	0.0399	0.037	0.034	0.038	0.027	0.0417
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)	0.166	0.12				
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	0.01	ND (0.01)	ND (0.01)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	0.00828	0.009	0.007	0.008	0.00588	0.00758
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	0.166	0.119	0.132	0.167	0.126	0.186
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	0.00971	0.01	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	34	38	19	27	16.2	27.3
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	ITMW-19 ITMW-19 4/13/2004	ITMW-19 ITMW-19 9/21/2004	ITMW-19 DUP-040705 4/7/2005	ITMW-19 ITMW-19 4/7/2005	ITMW-19 ITMW-19 9/29/2005	ITMW-19 ITMW-19 3/15/2006
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
1,1-Dichloroethene	0.0387	0.0352	0.0367	0.0363	0.0414	ND (0.05)
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
1,2-Dichloroethene (total)			0.145	0.146	0.144	0.177
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.1)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.1)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.1)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
Bromomethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.1)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.1)
Chloroform	0.00696	0.00616	0.00601	0.00574	0.00603	ND (0.05)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.1)
cis-1,2-Dichloroethene	0.186	0.148	0.145	0.146	0.144	0.177
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.1)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.1)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.05)
Trichloroethene	19.4	20	16.2	18.3	25.7	21.3
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.1)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.15)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-20 ITMW-20 3/1/1991	ITMW-20 ITMW-20 11/1/1993	ITMW-20 ITMW-20 12/1/1996	ITMW-20 ITMW-20 5/1/1997	ITMW-20 ITMW-20 2/1/1999	ITMW-20 ITMW-20 3/1/2000
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloroethane							
1,1-Dichloroethane							
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
1,2-Dichloroethane							
1,2-Dichloroethene (total)							
1,2-Dichloropropane							
2-Hexanone							
4-Methyl-2-pentanone (MIBK)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroethane							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene					ND (unk)	ND (unk)	ND (unk)
cis-1,3-Dichloropropene							
Dibromochloromethane							
Ethylbenzene							
Methyl Ethyl Ketone (2-Butanone)							
Methylene Chloride							
Styrene							
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
trans-1,3-Dichloropropene							
Trichloroethene		ND (unk)	ND (unk)	0.29	ND (unk)	ND (unk)	ND (unk)
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)
Xylenes (total)							

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	ITMW-20 ITMW-20 9/10/2002	ITMW-20 ITMW-20 2/27/2003	ITMW-20 ITMW-20 9/24/2003	ITMW-20 ITMW-20 4/14/2004	ITMW-20 ITMW-20 9/22/2004	ITMW-20 ITMW-20 9/29/2005
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)						ND (0.01)
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-21 ITMW-21 3/1/1991	ITMW-21 ITMW-21 11/1/1993	ITMW-21 ITMW-21 12/1/1996	ITMW-21 ITMW-21 2/1/1999	ITMW-21 ITMW-21 3/1/2000	ITMW-21 MW-21 9/19/2000
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
1,1,2,2-Tetrachloroethane							ND (0.005)
1,1,2-Trichloroethane							ND (0.005)
1,1-Dichloroethane							ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
1,2-Dichloroethane							ND (0.005)
1,2-Dichloroethene (total)							ND (0.01)
1,2-Dichloropropane							ND (0.005)
2-Hexanone							ND (0.01)
4-Methyl-2-pentanone (MIBK)							ND (0.01)
Acetone							ND (0.01)
Benzene							ND (0.005)
Bromodichloromethane							ND (0.005)
Bromoform							ND (0.005)
Bromomethane							ND (0.005)
Carbon Disulfide							ND (0.005)
Carbon Tetrachloride							ND (0.005)
Chlorobenzene							ND (0.005)
Chloroethane							ND (0.01)
Chloroform							ND (0.005)
Chloromethane							ND (0.01)
cis-1,2-Dichloroethene					ND (unk)	ND (unk)	ND (0.005)
cis-1,3-Dichloropropene							ND (0.005)
Dibromochloromethane							ND (0.005)
Ethylbenzene							ND (0.005)
Methyl Ethyl Ketone (2-Butanone)							ND (0.01)
Methylene Chloride							ND (0.01)
Styrene							ND (0.005)
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,3-Dichloropropene							ND (0.005)
Trichloroethene		0.021	0.037	0.15	0.19	0.196	0.192
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.01)
Xylenes (total)							ND (0.01)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-21 MW-20 9/21/2000	ITMW-21 MW-20 3/27/2001	ITMW-21 MW-21 3/28/2001	ITMW-21 MW-20 9/11/2001	ITMW-21 MW-21 9/13/2001	ITMW-21 ITMW-21 9/10/2002
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)	ND (0.01)	ND (0.01)			
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.02)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	0.123	0.021	0.116	0.013
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	ITMW-21 ITMW-21 2/26/2003	ITMW-21 ITMW-21 9/23/2003	ITMW-21 ITMW-21 4/14/2004	ITMW-21 ITMW-21 9/22/2004	ITMW-21 ITMW-21 9/28/2005
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)						ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.0395	0.00909	0.0529	0.0078	0.00645
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-22 MW-22 12/1/1996	MW-22 MW-22 5/1/1997	MW-22 MW-22 2/1/1999	MW-22 MW-22 3/1/2000	MW-22 MW-22 9/19/2000	MW-22 MW-22 3/27/2001
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane						ND (0.005)	ND (0.005)
1,1,2-Trichloroethane						ND (0.005)	ND (0.005)
1,1-Dichloroethane						ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)
1,2-Dichloroethane						ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)						ND (0.01)	ND (0.01)
1,2-Dichloropropane						ND (0.005)	ND (0.005)
2-Hexanone						ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)						ND (0.01)	ND (0.01)
Acetone						ND (0.01)	ND (0.01)
Benzene						ND (0.005)	ND (0.005)
Bromodichloromethane						ND (0.005)	ND (0.005)
Bromoform						ND (0.005)	ND (0.005)
Bromomethane						ND (0.005)	ND (0.01)
Carbon Disulfide						ND (0.005)	ND (0.005)
Carbon Tetrachloride						ND (0.005)	ND (0.005)
Chlorobenzene						ND (0.005)	ND (0.005)
Chloroethane						ND (0.01)	ND (0.01)
Chloroform						ND (0.005)	ND (0.005)
Chloromethane						ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene			0.005	0.005	ND (unk)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene						ND (0.005)	ND (0.005)
Dibromochloromethane						ND (0.005)	ND (0.005)
Ethylbenzene						ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)						ND (0.01)	ND (0.01)
Methylene Chloride						ND (0.01)	ND (0.01)
Styrene						ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene						ND (0.005)	ND (0.005)
Trichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.01)	ND (0.01)
Xylenes (total)						ND (0.01)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-22 MW-22 9/13/2001	MW-22 MW-22 9/10/2002	MW-22 ITMW-22 2/27/2003	MW-22 MW-22 9/23/2003	MW-22 MW-22 DUP-2 9/23/2003	MW-22 MW-22 4/13/2004
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)							
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	0.009	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-22 MW-22 9/21/2004	MW-22 MW-22 9/30/2005
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-23 MW-23 12/1/1996	MW-23 MW-23 5/1/1997	MW-23 MW-23 2/1/1999	MW-23 MW-23 DUP 2/1/1999	MW-23 MW-23 DUP 3/1/2000	MW-23 MW-23 9/21/2000
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
1,1,2,2-Tetrachloroethane							ND (0.005)
1,1,2-Trichloroethane							ND (0.005)
1,1-Dichloroethane							ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
1,2-Dichloroethane							ND (0.005)
1,2-Dichloroethene (total)							ND (0.01)
1,2-Dichloropropane							ND (0.005)
2-Hexanone							ND (0.01)
4-Methyl-2-pentanone (MIBK)							ND (0.01)
Acetone							ND (0.02)
Benzene							ND (0.005)
Bromodichloromethane							ND (0.005)
Bromoform							ND (0.005)
Bromomethane							ND (0.005)
Carbon Disulfide							ND (0.005)
Carbon Tetrachloride							ND (0.005)
Chlorobenzene							ND (0.005)
Chloroethane							ND (0.01)
Chloroform							ND (0.005)
Chloromethane							ND (0.01)
cis-1,2-Dichloroethene				0.01	0.01	ND (unk)	ND (0.005)
cis-1,3-Dichloropropene							ND (0.005)
Dibromochloromethane							ND (0.005)
Ethylbenzene							ND (0.005)
Methyl Ethyl Ketone (2-Butanone)							ND (0.01)
Methylene Chloride							ND (0.01)
Styrene							ND (0.005)
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)
trans-1,3-Dichloropropene							ND (0.005)
Trichloroethene		0.21	2.4	0.35	0.44	0.147	0.067
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.01)
Xylenes (total)							ND (0.01)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-23 MW-23 1/5/2001	MW-23 MW-23 3/26/2001	MW-23 MW-23 9/11/2001	MW-23 MW-23 9/11/2002	MW-23 MW-23 DUP-3 9/11/2002	MW-23 ITMW-23 2/27/2003
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)	ND (0.01)				
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.137	0.087	0.023	0.111	0.105	0.054
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	MW-23 MW-23 9/25/2003	MW-23 MW-23 4/15/2004	MW-23 MW-23 9/22/2004	MW-23 MW-23 4/5/2005	MW-23 MW-23 9/29/2005	MW-23 MW-23 3/17/2006
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	0.0839	0.0703	0.0734	0.0555	0.0658	0.0471
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-24 MW-24 2/1/1999	MW-24 MW-24 3/1/2000	MW-24 MW-24 DUP 3/1/2000	MW-24 MW-24 9/21/2000	MW-24 MW-24 1/5/2001	MW-24 MW-24 3/26/2001
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)					0.01	0.012	0.01
1,2-Dichloropropane					ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone					ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)					ND (0.01)	ND (0.01)	ND (0.01)
Acetone					ND (0.02)	ND (0.01)	ND (0.01)
Benzene					ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane					ND (0.005)	ND (0.005)	ND (0.005)
Bromoform					ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane					ND (0.005)	ND (0.005)	ND (0.01)
Carbon Disulfide					ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride					ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene					ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane					ND (0.01)	ND (0.01)	ND (0.01)
Chloroform					ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane					ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.049	0.025	0.024	0.011	0.012	0.011
cis-1,3-Dichloropropene					ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane					ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene					ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)					ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride					ND (0.01)	ND (0.01)	ND (0.01)
Styrene					ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene					ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		1.4	0.403	0.595	0.128	0.247	0.33
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)					ND (0.01)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-24 MW-24 9/11/2001	MW-24 MW-24 9/11/2002	MW-24 ITMW-24 2/27/2003	MW-24 MW-24 9/25/2003	MW-24 MW-24 4/15/2004	MW-24 MW-24 9/23/2004
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)							
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.006	0.006	0.00701	ND (0.005)	0.00512	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.124	0.199	0.253	0.155	0.181	0.116
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-24 MW-24 4/6/2005	MW-24 MW-24 9/29/2005	MW-24 MW-24 3/16/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.00604	ND (0.005)	0.00757
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.152	0.161	0.347
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-25 MW-25 2/1/1999	MW-25 MW-25 DUP 2/1/1999	MW-25 MW-25 12/1/1999	MW-25 MW-25 3/1/2000	MW-25 MW-25 9/21/2000	MW-25 MW-25 3/28/2001
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (unk)	0.023	0.007
1,1,2,2-Tetrachloroethane						ND (0.005)	ND (0.005)
1,1,2-Trichloroethane						ND (0.005)	ND (0.005)
1,1-Dichloroethane						ND (0.005)	ND (0.005)
1,1-Dichloroethene		0.069	0.074	ND (unk)	0.066	0.092	0.047
1,2-Dichloroethane						ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)						0.3	0.12
1,2-Dichloropropane						ND (0.005)	ND (0.005)
2-Hexanone						ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)						ND (0.01)	ND (0.01)
Acetone						ND (0.02)	ND (0.01)
Benzene						ND (0.005)	ND (0.005)
Bromodichloromethane						ND (0.005)	ND (0.005)
Bromoform						ND (0.005)	ND (0.005)
Bromomethane						ND (0.005)	ND (0.01)
Carbon Disulfide						ND (0.005)	ND (0.005)
Carbon Tetrachloride						ND (0.005)	ND (0.005)
Chlorobenzene						ND (0.005)	ND (0.005)
Chloroethane						ND (0.01)	ND (0.01)
Chloroform						ND (0.005)	ND (0.005)
Chloromethane						ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.17	0.18	ND (unk)	0.245	0.3	0.117
cis-1,3-Dichloropropene						ND (0.005)	ND (0.005)
Dibromochloromethane						ND (0.005)	ND (0.005)
Ethylbenzene						ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)						ND (0.01)	ND (0.01)
Methylene Chloride						ND (0.01)	ND (0.01)
Styrene						ND (0.005)	ND (0.005)
Tetrachloroethene		0.011	0.012	ND (unk)	0.011	0.014	0.012
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene						ND (0.005)	ND (0.005)
Trichloroethene		29	27	94.5	35.9	59	34
Vinyl Chloride		0.1	0.11	ND (unk)	0.063	0.05	0.06
Xylenes (total)						ND (0.01)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-25 MW-25 9/13/2001	MW-25 MW-25L 9/9/2002	MW-25 MW-25T 9/9/2002	MW-25 ITMW-25 2/26/2003	MW-25 MW-25 7/17/2003	MW-25 MW-25 9/24/2003
1,1,1-Trichloroethane		0.017	0.097	0.027	0.0199	0.0239	0.0347
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	0.008	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		0.101	0.33	0.119	0.117	0.13	ND (0.2)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)							
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	0.01	ND (0.01)	0.0144	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	0.011	ND (0.005)	ND (0.005)	ND (0.005)	0.00508
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.3	0.44	0.37	0.557	0.621	0.775
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		0.011	0.036	0.013	0.0107	0.0144	0.0223
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	0.00566	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		60	157	56	45.9	62.2	103
Vinyl Chloride		ND (0.2)	0.18	0.2	0.0757	0.243	ND (0.5)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-25 MW-25 4/14/2004	MW-25 MW-25 9/21/2004	MW-25 MW-25 4/7/2005	MW-25 MW-25 9/28/2005	MW-25 MW-25 3/15/2006
1,1,1-Trichloroethane		0.0122	0.0313	ND (0.005)	0.0358	ND (0.1)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
1,1-Dichloroethene		0.0827	0.228	0.0685	ND (0.2)	ND (0.1)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
1,2-Dichloroethene (total)				0.353	0.837	0.8
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.2)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.2)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.2)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.2)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.2)
Chloroform		ND (0.005)	0.00526	ND (0.005)	0.00556	ND (0.1)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.2)
cis-1,2-Dichloroethene		0.255	0.819	0.353	0.837	0.774
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.2)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.2)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
Tetrachloroethene		0.00931	0.0169	0.00646	0.0196	ND (0.1)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)
Trichloroethene		25.6	85.2	21.1	136	36.3
Vinyl Chloride		0.0318	0.422	0.0611	ND (0.5)	ND (0.2)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.3)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-26 MW-26 2/1/1999	MW-26 MW-26 6/1/1999	MW-26 MW-26 3/1/2000	MW-26 MW-26 9/21/2000	MW-26 MW-26 3/26/2001	MW-26 MW-26 9/11/2001
1,1,1-Trichloroethane		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane					ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)					ND (0.01)	ND (0.01)	
1,2-Dichloropropane					ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone					ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)					ND (0.01)	ND (0.01)	ND (0.01)
Acetone					ND (0.02)	ND (0.01)	ND (0.01)
Benzene					ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane					ND (0.005)	ND (0.005)	ND (0.005)
Bromoform					ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane					ND (0.005)	ND (0.01)	ND (0.01)
Carbon Disulfide					ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride					ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene					ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane					ND (0.01)	ND (0.01)	ND (0.01)
Chloroform					ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane					ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.15	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene					ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane					ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene					ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)					ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride					ND (0.01)	ND (0.01)	ND (0.01)
Styrene					ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene					ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.36	ND (unk)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (unk)	ND (unk)	ND (unk)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)					ND (0.01)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-26 MW-26 DUP 9/11/2001	MW-26 MW-26 9/10/2002	MW-26 ITMW-26 2/27/2003	MW-26 MW-26 9/24/2003	MW-26 MW-26 4/14/2004	MW-26 ITMW-26 9/22/2004
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)							
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-27 MW-27 12/1/1999	MW-27 MW-27 26' 12/7/1999	MW-27 MW-27 12/9/1999	MW-27 MW-27 3/1/2000	MW-27 MW-27 9/21/2000	MW-27 DUPLICATE 1/5/2001	MW-27 MW-27 1/5/2001
1,1,1-Trichloroethane		ND (unk)	ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	ND (unk)		ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			ND (0.01)	ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone			ND (0.01)	ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)			ND (0.01)	ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)
Acetone			ND (0.01)	ND (0.01)		ND (0.02)	ND (0.01)	ND (0.01)
Benzene			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Bromoform			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane						ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane (Methyl bromide)			ND (0.01)	ND (0.01)				
Carbon Disulfide			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Chlorodibromomethane			ND (0.005)	ND (0.005)				
Chloroethane						ND (0.01)	ND (0.01)	ND (0.01)
Chloroethane (Ethyl chloride)			ND (0.01)	ND (0.01)				
Chloroform			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane						ND (0.01)	ND (0.01)	ND (0.01)
Chloromethane (Methyl chloride)			ND (0.01)	ND (0.01)				
cis-1,2-Dichloroethene	ND (unk)		ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane						ND (0.005)	ND (0.005)	ND (0.005)
Dichloromethane			ND (0.005)	ND (0.005)				
Ethylbenzene			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)			ND (0.01)	ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride						ND (0.01)	ND (0.01)	ND (0.01)
Styrene			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (unk)		ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (unk)		ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (unk)		ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	ND (unk)		ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	0.00555	ND (0.005)
Vinyl Chloride	ND (unk)		ND (0.01)	ND (0.01)	ND (unk)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)			ND (0.02)	ND (0.02)		ND (0.01)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-27 MW-27 3/26/2001	MW-27 MW-27 9/11/2001	MW-27 MW-27 9/11/2002	MW-27 MW-27 DUP-4 9/11/2002	MW-27 ITMW-27 2/27/2003	MW-27 MW-27 9/25/2003	MW-27 MW-27 4/15/2004
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)						
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Bromomethane (Methyl bromide)								
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorodibromomethane								
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroethane (Ethyl chloride)								
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloromethane (Methyl chloride)								
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dichloromethane								
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-28 MW-28 12/1/1999	MW-28 Duplicate 12/9/1999	MW-28 MW-28 12/9/1999	MW-28 MW-28 3/1/2000	MW-28 MW-28 9/21/2000	MW-28 MW-28 3/27/2001	MW-28 DUPLICATE 1 3/27/2001
1,1,1-Trichloroethane		ND (unk)	ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			ND (0.01)	ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone			ND (0.01)	ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)			ND (0.01)	ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)
Acetone			ND (0.01)	ND (0.01)		ND (0.02)	ND (0.01)	ND (0.01)
Benzene			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Bromoform			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane						ND (0.005)	ND (0.01)	ND (0.01)
Bromomethane (Methyl bromide)			ND (0.01)	ND (0.01)				
Carbon Disulfide			ND (0.005)	ND (0.005)		ND (0.005)	0.017	ND (0.005)
Carbon Tetrachloride			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Chlorodibromomethane			ND (0.005)	ND (0.005)				
Chloroethane						ND (0.01)	ND (0.01)	ND (0.01)
Chloroethane (Ethyl chloride)			ND (0.01)	ND (0.01)				
Chloroform			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane						ND (0.01)	ND (0.01)	ND (0.01)
Chloromethane (Methyl chloride)			ND (0.01)	ND (0.01)				
cis-1,2-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane						ND (0.005)	ND (0.005)	ND (0.005)
Dichloromethane			ND (0.005)	ND (0.005)				
Ethylbenzene			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)			ND (0.01)	ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride						ND (0.01)	ND (0.01)	ND (0.01)
Styrene			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene			ND (0.005)	ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (unk)	ND (0.005)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (unk)	ND (0.01)	ND (0.01)	ND (unk)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)			ND (0.02)	ND (0.02)		ND (0.01)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-28 MW-28 9/11/2001	MW-28 MW-28 9/11/2002	MW-28 ITMW-28 2/27/2003	MW-28 MW-28 9/25/2003	MW-28 MW-28 4/15/2004	MW-28 MW-28 9/22/2004	MW-28 MW-28 9/30/2005
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)								ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Bromomethane (Methyl bromide)								
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorodibromomethane								
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroethane (Ethyl chloride)								
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloromethane (Methyl chloride)								
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dichloromethane								
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-29 MW-29 12/1/1999	MW-29 MW-29 12/9/1999	MW-29 MW-29 3/1/2000	MW-29 MW-29 9/20/2000	MW-29 MW-29 3/27/2001	MW-29 MW-29 9/11/2001	MW-29 MW-29 9/10/2002
1,1,1-Trichloroethane		ND (unk)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			ND (0.01)		ND (0.01)	ND (0.01)		
1,2-Dichloropropane			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone			ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)			ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone			ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane					ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)
Bromomethane (Methyl bromide)			ND (0.01)					
Carbon Disulfide			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorodibromomethane			ND (0.005)					
Chloroethane					ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroethane (Ethyl chloride)			ND (0.01)					
Chloroform			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane					ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloromethane (Methyl chloride)			ND (0.01)					
cis-1,2-Dichloroethene		ND (unk)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane					ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dichloromethane			ND (0.005)					
Ethylbenzene			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)			ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride					ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (unk)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (unk)	ND (0.01)	ND (unk)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)			ND (0.02)		ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-29 ITMW-29 2/27/2003	MW-29 MW-29 9/24/2003	MW-29 MW-29 4/14/2004	MW-29 MW-29 9/22/2004	MW-29 MW-29 9/28/2005
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)						ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Bromomethane (Methyl bromide)						
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorodibromomethane						
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroethane (Ethyl chloride)						
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloromethane (Methyl chloride)						
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dichloromethane						
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-30 MW-30 12/1/1999	MW-30 MW-30 12/9/1999	MW-30 MW-30 3/1/2000	MW-30 MW-30 9/20/2000	MW-30 MW-30 3/27/2001	MW-30 MW-30 9/11/2001	MW-30 MW-30 9/10/2002
1,1,1-Trichloroethane		ND (unk)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (unk)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			0.03		0.025	0.01		
1,2-Dichloropropane			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone			ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)			ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone			ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane					ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)
Bromomethane (Methyl bromide)			ND (0.01)					
Carbon Disulfide			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorodibromomethane			ND (0.005)					
Chloroethane					ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroethane (Ethyl chloride)			ND (0.01)					
Chloroform			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane					ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloromethane (Methyl chloride)			ND (0.01)					
cis-1,2-Dichloroethene		0.034	0.034	0.025	0.025	0.011	0.018	0.014
cis-1,3-Dichloropropene			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane					ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dichloromethane			ND (0.005)					
Ethylbenzene			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)			ND (0.01)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride					ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (unk)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (unk)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (unk)	ND (0.005)	ND (unk)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene			ND (0.005)		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.115	0.115	0.086	0.102	0.043	0.063	0.048
Vinyl Chloride		ND (unk)	ND (0.01)	ND (unk)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)			ND (0.02)		ND (0.01)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-30 MW-30 9/24/2003	MW-30 MW-30 4/14/2004	MW-30 MW-30 9/22/2004	MW-30 MW-30 9/28/2005
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)					0.0156
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Bromomethane (Methyl bromide)					
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorodibromomethane					
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroethane (Ethyl chloride)					
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloromethane (Methyl chloride)					
cis-1,2-Dichloroethene		0.0137	0.0118	0.0121	0.0156
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dichloromethane					
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	0.00828	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.0468	0.0366	0.0362	0.0596
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-31 MW-31 1/5/2001	MW-31 MW-31 3/26/2001	MW-31 MW-31 9/13/2001	MW-31 MW-31 9/11/2002	MW-31 ITMW-31 2/28/2003	MW-31 MW-31 9/25/2003
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)	ND (0.01)				
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		0.02	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	0.043	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-31 MW-31 4/15/2004	MW-31 MW-31 9/23/2004	MW-31 MW-31 4/5/2005	MW-31 MW-31 9/27/2005	MW-31 MW-31 3/15/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-32 MW-32 1/5/2001	MW-32 MW-32 3/27/2001	MW-32 MW-32 9/13/2001	MW-32 MW-32 9/11/2002	MW-32 ITMW-32 2/28/2003	MW-32 MW-32 9/25/2003
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)	ND (0.01)				
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		0.0255	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	0.105	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.108	0.174	0.095	0.109	0.133	0.0323
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-32 MW-32 4/15/2004	MW-32 MW-32 9/23/2004	MW-32 MW-32 4/5/2005	MW-32 MW-32 9/27/2005	MW-32 MW-32 3/15/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.0769	0.0514	0.158	0.0976	0.111
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-33 MW-33 1/5/2001	MW-33 MW-33 3/27/2001	MW-33 MW-33 9/13/2001	MW-33 MW-33 9/11/2002	MW-33 ITMW-33 2/28/2003	MW-33 MW-33 9/25/2003
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)	ND (0.01)				
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.005)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	0.115	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	0.007	0.008	0.008	0.00662	0.00595
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.12	0.26	0.31	0.45	0.274	0.198
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-33 MW-33 4/15/2004	MW-33 MW-33 9/23/2004	MW-33 MW-33 4/5/2005	MW-33 MW-33 9/27/2005	MW-33 MW-33 3/15/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				0.0245	0.0152	0.0205
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.0213	0.0153	0.0245	0.0152	0.0205
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.871	0.798	1.43	1.03	1.61
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-34 MW-34 3/28/2001	MW-34 MW-34 9/13/2001	MW-34 MW-34L 9/9/2002	MW-34 ITMW-34 2/28/2003	MW-34 MW-34 9/25/2003	MW-34 MW-34 11/14/2003
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)					
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		0.08	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.083	0.061	0.084	ND (0.005)	0.0284	0.121
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	MW-34 MW-34 4/15/2004	MW-34 MW-34 9/23/2004	MW-34 MW-34 12/9/2004	MW-34 MW-34 4/5/2005	MW-34 MW-34 9/30/2005	MW-34 MW-34 3/14/2006
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	0.119	0.0811	0.0933	0.0658	0.0837	0.0771
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-35 MW-35 3/28/2001	MW-35 MW-35 9/13/2001	MW-35 MW-35L 9/9/2002	MW-35 ITMW-35 2/28/2003	MW-35 MW-35 9/25/2003	MW-35 MW-35 11/14/2003
1,1,1-Trichloroethane		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		0.03					
1,2-Dichloropropane		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.02)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.02)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.02)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.02)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		0.008	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.02)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.02)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.034	0.04	0.031	0.0151	0.0198	0.0349
cis-1,3-Dichloropropene		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.02)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.02)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.01)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.96	1.03	0.9	0.246	0.297	0.99
Vinyl Chloride		ND (0.01)	ND (0.02)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.038)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-35 MW-35 4/15/2004	MW-35 MW-35 9/23/2004	MW-35 MW-35 12/9/2004	MW-35 MW-35 4/6/2005	MW-35 MW-35 9/30/2005	MW-35 MW-35 3/14/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)					0.035	0.0293	0.0242
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.0458	0.0284	0.042	0.035	0.0293	0.0242
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		1.15	0.685	0.88	0.886	0.804	0.858
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-36 MW-36 3/28/2001	MW-36 MW-36 9/13/2001	MW-36 MW-36L 9/9/2002	MW-36 ITMW-36 2/28/2003	MW-36 MW-36 9/25/2003	MW-36 MW-36 11/14/2003
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)					
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		0.008	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-36 MW-36 4/15/2004	MW-36 MW-36 9/23/2004	MW-36 MW-36 4/6/2005	MW-36 MW-36 9/30/2005	MW-36 MW-36 3/17/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-37 MW-37 9/29/2005	MW-37 MW-37 3/16/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.05)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.05)
1,1,2-Trichloroethane		ND (0.005)	ND (0.05)
1,1-Dichloroethane		ND (0.005)	ND (0.05)
1,1-Dichloroethene		ND (0.005)	ND (0.05)
1,2-Dichloroethane		ND (0.005)	ND (0.05)
1,2-Dichloroethene (total)		3.21	5
1,2-Dichloropropane		ND (0.005)	ND (0.05)
2-Hexanone		ND (0.01)	ND (0.1)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.1)
Acetone		ND (0.01)	ND (0.1)
Benzene		ND (0.005)	ND (0.05)
Bromodichloromethane		ND (0.005)	ND (0.05)
Bromoform		ND (0.005)	ND (0.05)
Bromomethane		ND (0.01)	ND (0.1)
Carbon Disulfide		ND (0.005)	ND (0.05)
Carbon Tetrachloride		ND (0.005)	ND (0.05)
Chlorobenzene		ND (0.005)	ND (0.05)
Chloroethane		ND (0.01)	ND (0.1)
Chloroform		ND (0.005)	ND (0.05)
Chloromethane		ND (0.01)	ND (0.1)
cis-1,2-Dichloroethene		3.21	5.02
cis-1,3-Dichloropropene		ND (0.005)	ND (0.05)
Dibromochloromethane		ND (0.005)	ND (0.05)
Ethylbenzene		ND (0.005)	ND (0.05)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.1)
Methylene Chloride		0.012	ND (0.1)
Styrene		ND (0.005)	ND (0.05)
Tetrachloroethene		ND (0.005)	ND (0.05)
Toluene		0.00981	ND (0.05)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.05)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.05)
Trichloroethene		6.78	11.2
Vinyl Chloride		0.91	1.73
Xylenes (total)		ND (0.015)	ND (0.15)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-38 38 9/29/2005
1,1,1-Trichloroethane		ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)
1,1,2-Trichloroethane		ND (0.005)
1,1-Dichloroethane		ND (0.005)
1,1-Dichloroethene		ND (0.005)
1,2-Dichloroethane		ND (0.005)
1,2-Dichloroethene (total)		0.101
1,2-Dichloropropane		ND (0.005)
2-Hexanone		ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)
Acetone		0.285
Benzene		ND (0.005)
Bromodichloromethane		ND (0.005)
Bromoform		ND (0.005)
Bromomethane		ND (0.01)
Carbon Disulfide		ND (0.005)
Carbon Tetrachloride		ND (0.005)
Chlorobenzene		ND (0.005)
Chloroethane		ND (0.01)
Chloroform		ND (0.005)
Chloromethane		ND (0.01)
cis-1,2-Dichloroethene		0.0989
cis-1,3-Dichloropropene		ND (0.005)
Dibromochloromethane		ND (0.005)
Ethylbenzene		ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)
Methylene Chloride		ND (0.01)
Styrene		ND (0.005)
Tetrachloroethene		ND (0.005)
Toluene		ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)
Trichloroethene		ND (0.005)
Vinyl Chloride		2.15
Xylenes (total)		ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-39 MW-39 7/18/2003	MW-39 MW-39 9/25/2003	MW-39 MW-39 11/14/2003	MW-39 MW-39 4/15/2004	MW-39 MW-39 9/23/2004	MW-39 MW-39 4/8/2005
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)							ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	0.0392	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-39 MW-39 9/30/2005	MW-39 MW-39 3/17/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	MW-40 MW-40 7/18/2003	MW-40 MW-40 9/25/2003	MW-40 MW-40 11/14/2003	MW-40 MW-40 DUP-1 11/14/2003	MW-40 MW-40 4/15/2004	MW-40 MW-40 9/23/2004
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)						
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-40 MW-40 4/7/2005	MW-40 MW-40 9/29/2005	MW-40 MW-40 3/14/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-41 MW-41 7/18/2003	MW-41 MW-41 DUP-1 7/18/2003	MW-41 MW-41 9/25/2003	MW-41 MW-41 11/14/2003	MW-41 MW-41 4/15/2004	MW-41 MW-41 9/23/2004
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)							
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.0506	0.0455	0.0378	0.205	0.0542	0.048
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.972	0.964	0.722	0.331	0.76	1.06
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-41 MW-41 4/7/2005	MW-41 MW-41 9/30/2005	MW-41 MW-41 3/17/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		0.058	0.0558	0.0525
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.058	0.0558	0.0525
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		1.17	1.12	0.917
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-42B MW-42 4/15/2004	MW-42B MW-42 9/23/2004	MW-42B MW-42 4/5/2005	MW-42B MW-42 9/27/2005	MW-42B MW-42 3/15/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				0.032	0.0273	0.0372
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.0293	0.0198	0.032	0.0273	0.0372
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.856	0.4	1.31	1.47	2.27
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	MW-43 MW-43 11/14/2003	MW-43 MW-43 4/15/2004	MW-43 MW-43 9/23/2004	MW-43 MW-43 4/5/2005	MW-43 MW-43 9/27/2005	MW-43 MW-43 3/15/2006
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				0.0119	0.0213	0.035
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	0.0286	ND (0.01)	ND (0.01)	ND (0.01)
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	0.0185	0.0121	0.00631	0.0119	0.0213	0.035
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	0.223	0.51	0.0647	0.304	0.518	1.3
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Well ID Sample ID Date	MW-46 MW-46 11/14/2003	MW-46 MW-46 4/15/2004	MW-46 MW-46 9/23/2004	MW-46 MW-46 4/6/2005	MW-46 MW-46 9/28/2005	MW-46 MW-46 3/16/2006
Constituents						
1,1,1-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)				0.032	0.0156	ND (0.01)
1,2-Dichloropropane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	0.0181
Benzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	ND (0.005)	0.0272	0.0212	0.0284	0.0156	0.00637
cis-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	0.0399	0.0771	0.142	0.21	0.222	0.111
Vinyl Chloride	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-46 MW-46R 4/6/2006
1,1,1-Trichloroethane		
1,1,2,2-Tetrachloroethane		
1,1,2-Trichloroethane		
1,1-Dichloroethane		
1,1-Dichloroethene		
1,2-Dichloroethane		
1,2-Dichloroethene (total)		
1,2-Dichloropropane		
2-Hexanone		
4-Methyl-2-pentanone (MIBK)		
Acetone		
Benzene		
Bromodichloromethane		
Bromoform		
Bromomethane		
Carbon Disulfide		
Carbon Tetrachloride		ND (0.005)
Chlorobenzene		
Chloroethane		
Chloroform		
Chloromethane		
cis-1,2-Dichloroethene		
cis-1,3-Dichloropropene		
Dibromochloromethane		
Ethylbenzene		
Methyl Ethyl Ketone (2-Butanone)		
Methylene Chloride		
Styrene		
Tetrachloroethene		
Toluene		
trans-1,2-Dichloroethene		
trans-1,3-Dichloropropene		
Trichloroethene		
Vinyl Chloride		
Xylenes (total)		

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-50 MW-50 4/15/2004	MW-50 NW-50 9/23/2004	MW-50 MW-50 12/10/2004	MW-50 MW-50 4/6/2005	MW-50 MW-50 9/28/2005	MW-50 MW-50 3/17/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)					ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		0.0171	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.00651	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-55 MW-55 12/9/2004	MW-55 MW-55 4/8/2005	MW-55 MW-55 9/28/2005	MW-55 MW-55 3/16/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-56 MW-56 12/10/2004	MW-56 MW-56 4/8/2005	MW-56 MW-56 9/28/2005	MW-56 MW-56 3/16/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.0902	0.0882	0.207	0.0087
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-57 MW-57 12/10/2004	MW-57 MW-57 4/8/2005	MW-57 MW-57 9/28/2005	MW-57 MW-57 3/16/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.00672	0.00683	ND (0.005)	0.00756
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.207	0.282	0.096	0.254
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-58 MW-58 12/9/2004	MW-58 MW-58 4/7/2005	MW-58 MW-58 9/28/2005	MW-58 MW-58 3/16/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)			0.0188	0.0109	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		0.0145	0.0188	0.0109	0.00866
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.526	0.809	0.486	0.421
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-60 MW-60 4/1/2005	MW-60 MW-60 9/30/2005	MW-60 MW-60 3/17/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-61 DUP-041005 4/1/2005	MW-61 MW-61 4/1/2005	MW-61 MW-61 9/30/2005	MW-61 MW-61 3/17/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	0.0114	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit



Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-62 MW-62 4/1/2005	MW-62 MW-62 9/30/2005	MW-62 MW-62 3/16/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	0.0114	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		ND (0.005)	ND (0.005)	ND (0.005)
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-63 MW-63 4/1/2005	MW-63 MW-63 9/30/2005	MW-63 MW-63 3/16/2006	MW-63 MW-63 4/6/2006
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichloropropane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Hexanone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromodichloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon Disulfide		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon Tetrachloride		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethylbenzene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methylene Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Styrene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene		0.00814	ND (0.005)	0.00976	0.0116
Vinyl Chloride		ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Xylenes (total)		ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-66 MW-66 4/6/2006
1,1,1-Trichloroethane		ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)
1,1,2-Trichloroethane		ND (0.005)
1,1-Dichloroethane		ND (0.005)
1,1-Dichloroethene		ND (0.005)
1,2-Dichloroethane		ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)
1,2-Dichloropropane		ND (0.005)
2-Hexanone		ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)
Acetone		ND (0.01)
Benzene		ND (0.005)
Bromodichloromethane		ND (0.005)
Bromoform		ND (0.005)
Bromomethane		ND (0.01)
Carbon Disulfide		ND (0.005)
Carbon Tetrachloride		ND (0.005)
Chlorobenzene		ND (0.005)
Chloroethane		ND (0.01)
Chloroform		ND (0.005)
Chloromethane		ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)
Dibromochloromethane		ND (0.005)
Ethylbenzene		ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)
Methylene Chloride		ND (0.01)
Styrene		ND (0.005)
Tetrachloroethene		ND (0.005)
Toluene		ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)
Trichloroethene		ND (0.005)
Vinyl Chloride		ND (0.01)
Xylenes (total)		ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
 (unk) Reporting Limit unknown historic data from summary tables  
 (0.005) Reporting Limit

Table H-4

## Ground Water Analytical Data

Whirlpool Corporation  
Fort Smith, Arkansas

Constituents	Well ID Sample ID Date	MW-67 MW-67 4/6/2006
1,1,1-Trichloroethane		ND (0.005)
1,1,2,2-Tetrachloroethane		ND (0.005)
1,1,2-Trichloroethane		ND (0.005)
1,1-Dichloroethane		ND (0.005)
1,1-Dichloroethene		ND (0.005)
1,2-Dichloroethane		ND (0.005)
1,2-Dichloroethene (total)		ND (0.01)
1,2-Dichloropropane		ND (0.005)
2-Hexanone		ND (0.01)
4-Methyl-2-pentanone (MIBK)		ND (0.01)
Acetone		ND (0.01)
Benzene		ND (0.005)
Bromodichloromethane		ND (0.005)
Bromoform		ND (0.005)
Bromomethane		ND (0.01)
Carbon Disulfide		ND (0.005)
Carbon Tetrachloride		ND (0.005)
Chlorobenzene		ND (0.005)
Chloroethane		ND (0.01)
Chloroform		ND (0.005)
Chloromethane		ND (0.01)
cis-1,2-Dichloroethene		ND (0.005)
cis-1,3-Dichloropropene		ND (0.005)
Dibromochloromethane		ND (0.005)
Ethylbenzene		ND (0.005)
Methyl Ethyl Ketone (2-Butanone)		ND (0.01)
Methylene Chloride		ND (0.01)
Styrene		ND (0.005)
Tetrachloroethene		ND (0.005)
Toluene		ND (0.005)
trans-1,2-Dichloroethene		ND (0.005)
trans-1,3-Dichloropropene		ND (0.005)
Trichloroethene		ND (0.005)
Vinyl Chloride		ND (0.01)
Xylenes (total)		ND (0.015)

ND Constituent reported as Not Detected at the posted Reporting Limit  
(unk) Reporting Limit unknown historic data from summary tables  
(0.005) Reporting Limit