



August 14, 2015

Jeff Dingman  
Deputy City Administrator  
City of Fort Smith, Arkansas  
623 Garrison Ave  
3rd Floor, Room 315  
Fort Smith, AR 72901

**VIA ELECTRONIC MAIL**

**RE: WHIRLPOOL SECOND QUARTER 2015 PROGRESS REPORT**

Dear Mr. Dingman:

Whirlpool Corporation submitted the second quarter 2015 Progress Report to ADEQ on August 14, 2015, as required by the Remedial Action Decision Document (RADD) dated December 27, 2013. This report is a description and review of previously collected scientific data that was validated and summarized during the second quarter of 2015. I have attached the main report to this letter, and the complete report and all appendices and attachments are available at [WhirlpoolFortSmith.com](http://WhirlpoolFortSmith.com).

In summary, the groundwater and supplemental vapor testing completed in the second quarter of 2015 provided ongoing confirmation that there remain no exposure pathways and no health risks to area residents. Additionally, groundwater and soil monitoring events have shown that remediation activities are continuing to have an impact on trichloroethylene (TCE) concentrations, with further reductions in targeted areas. We are continuing to monitor the situation extensively and work closely with the Arkansas Department of Environmental Quality (ADEQ) to determine appropriate next steps.

Key findings from the second quarter 2015 Progress Report include:

- ISCO injection events have decreased TCE concentrations in groundwater source area wells by approximately 91%, the supplemental neck area by approximately 72%, and Area 2 and Area 3 by approximately 80%.
- Natural attenuation of TCE is continuing to occur via biological mechanisms in both onsite and offsite groundwater.
- The TCE plume beneath the neighborhood to the north of Ingersoll Ave, referred to as the "north plume", remains separated from the plume beneath the Whirlpool property, or "south plume". The location of the north and south plumes remain generally consistent with previous reporting periods and historical results.
- Data from the second quarter groundwater monitoring event shows generally stable to decreasing trends for TCE concentrations at a majority of monitoring well locations.
- Based on second quarter groundwater data, the average quantity of TCE in the north plume is estimated to range from less than 1 to 2 gallons, the quantity of TCE in the



south plume is estimated to range from 2 to 8 gallons, and the quantity of TCE in the northeast plume is estimated to contain less than 1 gallon. The total average minimum and maximum quantities TCE in groundwater ranges from approximately 3 to 11 gallons, illustrating the limited volume of TCE present.

- There continues to be no known TCE impact to offsite soils, surface water or sediment, and health exposure risks remain unchanged. Risk estimates based on groundwater and soil vapor data for potential vapor intrusion from offsite groundwater continue to be below ADEQ's risk management limits as designated in the RADD.

Whirlpool Corporation remains committed to working closely with ADEQ, the City of Fort Smith, and residents until this issue is resolved. We will continue to monitor conditions both on- and offsite, incorporate the data into future remediation plans as part of the Adaptive Remedy Process, and share that information with ADEQ and the public.

Please feel free to contact me if you have any questions about the details of this report. Additional correspondence and background information will be posted on [WhirlpoolFortSmith.com](http://WhirlpoolFortSmith.com) as it becomes available.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Noel".

Jeff Noel  
Vice-President  
Whirlpool Corporation