

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

Date September 16, 2015

**RE: Response to September 3, 2015, ADEQ Correspondence
In-Situ Chemical Reduction Pilot Test Work Plan
Whirlpool Corporation - Fort Smith, Arkansas
EPA No. ARD042755389
AFIN No. 66-00048
CAO LIS 13-202**

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Dear Mr. Mehran:

Ramboll Environ, on behalf of Whirlpool Corporation, is submitting this response to the September 3, 2015 (received September 8, 2015) comment letter on the In-Situ Chemical Reduction Pilot (ISCR) Test Work Plan. Arkansas Department of Environmental Quality (ADEQ) comments are provided in italics below and the respective response follows:

- 1) ADEQ is unaware of any aquifer hydraulic conductivity testing which has been conducted in the area of the pilot study. ADEQ recommends the conducting of the slug test or aquifer test in the two (2) new temporary groundwater monitoring locations to determine aquifer transmissivity in the area of the pilot study.*

Ramboll Environ Response: Field slug testing will be conducted on each of the two newly installed temporary wells prior to the start of the ISCR Pilot Test event scheduled for the week of September 28, 2015.

- 2) ADEQ also recommends the collection of core samples from the two (2) new monitoring wells for the laboratory analysis of physical properties (i.e. pore volume, effective pore volume, hydraulic conductivity).*

Ramboll Environ Response: During installation of the two new temporary monitoring wells, soil sample cores will be obtained and submitted for the analyses of porosity (pore volume) and effective porosity (effective pore volume). Hydraulic conductivity will be evaluated based on the results of the slug testing conducted prior to the ISCR event.

The temporary wells for the ISCR Pilot Test are scheduled to be installed on September 16, 2015 with oversight from David Gillespie with ADEQ. The ISCR Pilot Test is scheduled to commence during the week of September 28, 2015.

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If you have any additional comments or questions, please feel free to contact me.

Yours sincerely



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Principal

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