

Leking, Geoffrey R, EMNRD

From: Fred Holmes [fred@etechnv.com]
Sent: Monday, September 28, 2009 3:35 PM
To: Leking, Geoffrey R, EMNRD
Cc: 'Brian Ashburn'; 'Shane Estep'
Subject: Whiting O&G Carlson Fed #2 Battery Spill
Attachments: Carlson Fed #2 Battery Assessment Pics 091609.pdf; Carlson Fed #2 Battery Assessment Pics 091609.pdf

Geoff:

Thanks for speaking with me today. Attached are the photographs from the spill at the Whiting Oil and Gas Corp., Carlson Federal No. 2 Tank Battery Release which occurred on 09/01/09. You should already have a C-141 on this event. Also attached is a map showing the location of the site.

The vertical depth of the release is approximately 2-6 inches and with the exception of a small area directly outside the battery, confined to the containment berms around the battery. The area outside the battery containment is approximately ½ inches vertical.

Since this is largely a crude oil spill, Whiting would like to blend and treat with biological additives down to an initial level 5000 mg/kg TPH. Over time, the biological additives should assist in further reduction of hydrocarbons. Once the initial treatment is completed, a report along with supportive documentation will be submitted to your office. I think you will find that the location of the site and the relationship of the depth to groundwater (greater than 250 ft.) supports this approach.

Please let me know if you concur with this and I will get it started.

Thanks Again

Fred Holmes

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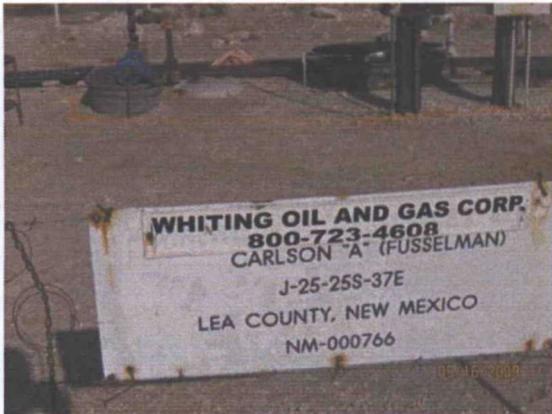
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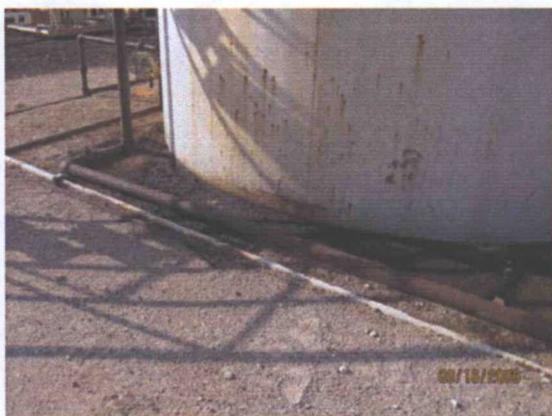
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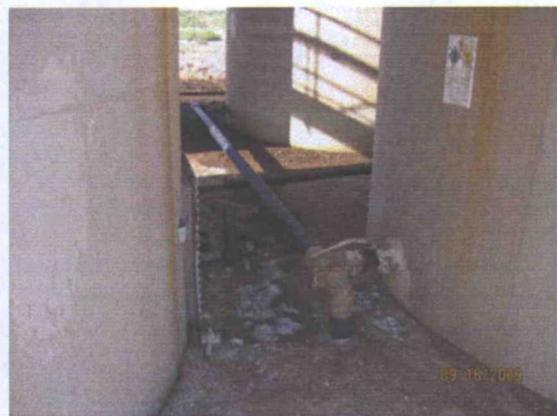
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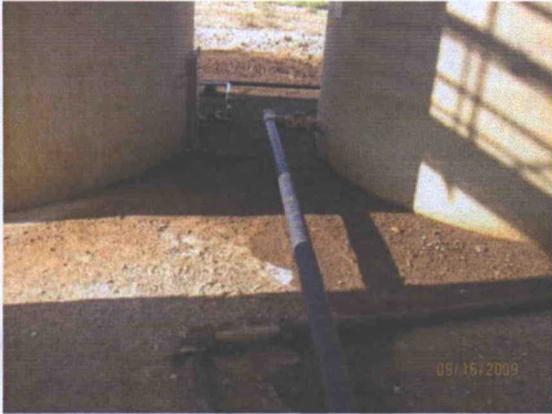
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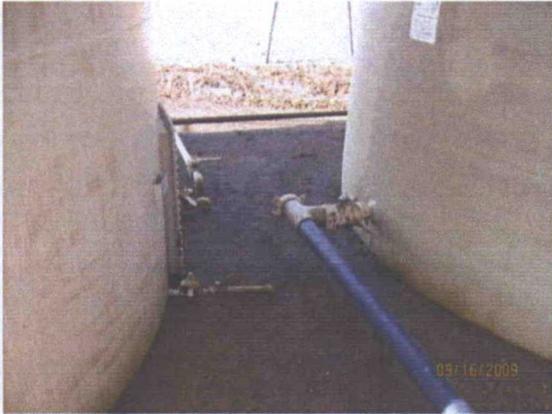
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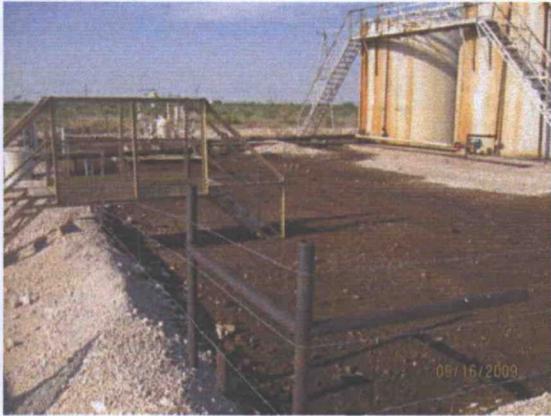
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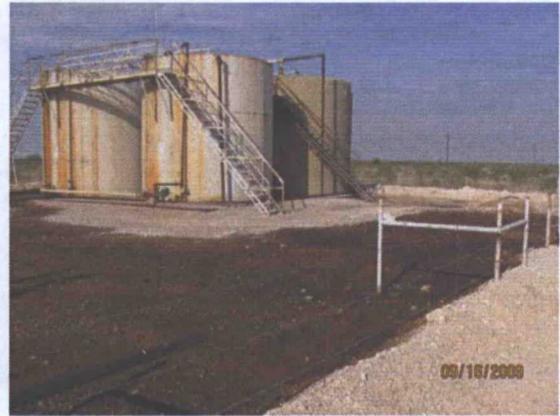
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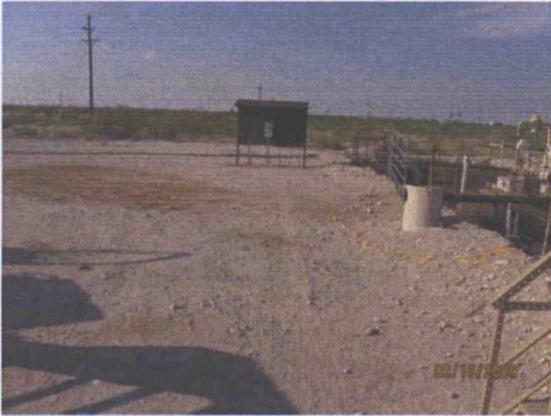
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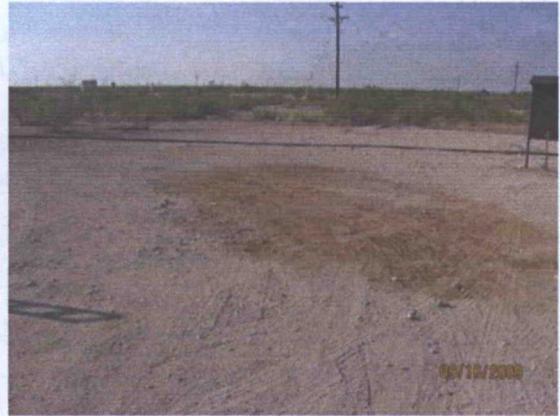
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