From: Yen-Vy Van
To: Rob Rau/R10/USEPA/US@EPA
Cc: Deborah Hilsman/R10/USEPA/US@EPA
Subject: RE: Former Smitty Toppenish (EPA ID #4260087) - IRA Report & July 2012 GW Event
Date: 05/31/2012 12:22 PM

Hi Rob

Thank you very much for allowing us to postpone the 2nd Quarterly Event. I've scheduled it for July 24, 2012. The Draft Bioremediation/Groundwater Evaluation Progress Report will be submitted to you by October 5, 2012. I can change the title of the report to something shorter or something of your preference.

Sincerely,
Yen-Vy

From: Rob Rau [mailto:Rau.Rob@epamail.epa.gov]
Sent: Thursday, May 31, 2012 9:14 AM
To: Yen-Vy Van
Cc: Deborah Hilsman
Subject: Re: Former Smitty Toppenish (EPA ID #4260087) - IRA Report & July 2012 GW Event

Hi Yen-Vy:

Thank you for your message. I agree with your thinking that it would be best to postpone the next monitoring event until July, so lets plan on that. Given that schedule, I will look for your Bioremediation/Monitoring Report sometime around the end of September or early October.

Rob
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Yen-Vy Van ---05/30/2012 03:56:08 PM---Hi Rob In reviewing the bioremediation work completed to date at the former Smitty Conoco Toppenish

From: Yen-Vy Van <Yvan@aegwa.com>
To: Rob Rau/R10/USEPA/US@EPA
Date: 05/30/2012 03:56 PM
Subject: Former Smitty Toppenish (EPA ID #4260087) - IRA Report & July 2012 GW Event

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Hi Rob

In reviewing the bioremediation work completed to date at the former Smitty Conoco Toppenish property, we'd like to propose moving the previously planned June 2012 groundwater monitoring/sampling event to July 2012 in order to obtain, in our professional opinion, a more representative understanding of the efficacy of in-situ bioremediation on the impacted groundwater at this site and at off-property areas.

The bioremediation work completed to date includes the following:

- Injection of RegenOx in December 2011
- Groundwater monitoring/sampling in February 2012
- Injection of ORCa in March 2012

Based on our experience and success in groundwater remediation at other similar facilities, we'd recommend waiting at least 4 to, preferably 5 months, after the ORCa injection prior to assessing the groundwater quality condition. The lag time period allows for the biodegradation of TPH and VOC so that laboratory analytical results would be more representative of the groundwater quality versus sampling within 2 to 3 months after ORC work – we tend to see a spike in TPH/VOC concentrations as these COCs interact/biodegrade and become more dissolved and hence a temporary increase in dissolved phase concentrations is usually exhibited.

The subsequent Bioremediation report will present all the phases of the bioremediation work and 2 groundwater events results and interpretations (February 2012 and preferably July or August 2012 event). Thank you for your consideration.

Sincerely,
Yen-Vy

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[attachment "Smitty Toppenish Summary GW Results 02 2012.pdf" deleted by Rob Rau/R10/USEPA/US]