



**Stantec Consulting Services Inc.**  
8770 Guion Road, Suite B  
Indianapolis IN 46268  
Tel: (317) 876-8375  
Fax: (317) 876-8382

December 15, 2014

Mr. Paul Atkociunas, OSC  
U.S. Environmental Protection Agency, Region 5  
Emergency Response Branch, Response Section # 4  
77 West Jackson Blvd. (SE-5J)  
Chicago, Illinois 60604

RE: Monthly Progress Report  
November 15, 2014 to December 14, 2014  
BP Products North America Incorporated  
Site # 215 - Indianapolis Terminal  
2500 North Tibbs Avenue  
Indianapolis, Marion County, Indiana 46222  
Stantec Project No.: 182612296

Dear Mr. Atkociunas:

This monthly progress report has been prepared by Stantec Consulting Services Inc. (Stantec) on behalf of BP Products North America, Inc. (BP). The progress reporting provided herein has been prepared in compliance with paragraph V.39 of the Administrative Order (the Order).

1. The November 2014 monthly progress report was submitted to Mr. Paul Atkociunas, On-Scene Coordinator (OSC) for the United States Environmental Protection Agency (U.S. EPA), via e-mail on November 17, 2014.
2. Progress Made This Reporting Period:
  - Continued maintenance on the groundwater extraction and treatment system (GWET);
  - Conducted the monthly Little Eagle Creek surface water sampling event on November 12, 2014;
  - Conducted the monthly manual light non-aqueous phase liquid (LNAPL) recovery on December 1, 2014;
  - Conducted the Fourth Quarter groundwater monitoring event from December 1 through December 12, 2014;
  - Obtained bids from subcontractors and vendors for the upgrades of the GWET system;
  - Awarded New Terra and Brehob as subcontractors to assist in completing upgrades to the GWET system; and,
  - Awarded Harrington as the vendor who will be supplying the new bag filter housings for the upgraded GWET system.



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3. Difficulties Encountered and Corrective Actions Taken:

During the reporting period, the Pump and Treat system was operational for 86.9% of the time. The unscheduled down time is described below:

- Rainwater accumulated in the GWET system's secondary containment causing the system to shut down on November 23, 2014. The system was down less than one (1) day;
- High pressure on the transfer pump due to loading of the particulate bag filters caused the system to shut down on November 26, 2014. The system was down less than one (1) day;
- During routine maintenance on December 5, 2014 a small drip was noticed under the bag filter housings and was fixed the same day; and,
- Due to an upgrade by Verizon, the programmable logic controller (PLC) for the GWET system needed a software update to allow continued communication with the cellular system. December 9, 2014 the GWET system was shut down to allow the PLC to be shipped to the manufacturer to receive the necessary updates. The PLC was reinstalled on December 11, 2014 and function tests were conducted on December 11 and 12, 2014 to verify proper operation.

4. Anticipated Activities:

- a. Continue to provide oversight and documentation support to the OSC;
- b. Perform the Little Eagle Creek monthly surface water sampling event, weather permitting;
- c. Continue monthly LNAPL recovery and operation and maintenance (O&M) of the GWET; and,
- d. Begin to procure equipment for the GWET system upgrade.

5. Deliverables:

Deliverable	Date Due	Date Delivered
Revisions to the Modified GWET Design Package	NA	11/24/2014
Little Eagle Creek Monitoring Report- October	12/16/14	12/8/2014
Scheduled System Downtime Notification	NA	12/9/2014
Monthly Progress Report - November	12/15/2014	12/15/2014



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If you have any questions or require additional information please contact Bruno Mancini of BP at (216) 271-8852, or John McInnes of Stantec at (317) 876 8375, extension 226.

Sincerely,

**STANTEC CONSULTING SERVICES, INC.**

Prepared by:

Kyle Amberger, LPG  
Project Geologist

Reviewed by:

James M. Kerr, Jr., LPG  
U.S. ES Quality Lead

Approved by:

John W. McInnes, LPG  
Managing Principal Geologist

cc: Bruno Mancini, BP