



**Stantec Consulting Services Inc.**  
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January 15, 2015

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  
December 15, 2014 to January 14, 2015  
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 December 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 December 15, 2014.
2. Progress Made This Reporting Period:
  - Continued maintenance on the groundwater extraction and treatment system (GWET);
  - Completed fourth quarter groundwater sampling event from December 1 through December 12, 2014;
  - The system was shut down on December 9, 2014 to upgrade the programmable logic controller (PLC). The PLC was reinstalled and the system was operational on December 11, 2014;
  - New heater element was installed on December 16, 2014 in the heating unit located on the north end of the system;
  - Conducted the monthly Little Eagle Creek surface water sampling event on December 17, 2014;
  - Conducted the monthly manual light non-aqueous phase liquid (LNAPL) recovery on December 19, 2014; and
  - Procured long lead time items for the remediation system upgrade from New Terra, Harrington and Enviroquip.
  - The system was shut down on January 12, 2015 to change the granular activated carbon from the lead vessels.



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### Difficulties Encountered and Corrective Actions Taken:

During the reporting period, the Pump and Treat system was operational for 92% of the time. The unscheduled down time is described below:

- High pressure on the transfer pump due to loading of the particulate bag filters caused the system to shut down on December 26, 2014. The system was down less than one (1) day.

### 3. 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;
- d. Continue to procure equipment for the GWET system upgrade; and
- e. Kickoff construction activities for the GWET system upgrades starting February 5, 2015.

### 4. Deliverables:

Deliverable	Date Due	Date Delivered
Six Month Progress Report April-October 2014	12/18/2014	12/18/2014
Monthly Progress Report - December	1/15/2015	1/15/2015



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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:

A handwritten signature in black ink, appearing to read "Kyle Amberger".

Kyle Amberger, LPG  
Project Geologist

Reviewed by:

A handwritten signature in black ink, appearing to read "Matthew J. Dagon".

Matthew J. Dagon, LPG  
Senior Geologist

Approved by:

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John W. McInnes, LPG  
Managing Principal Geologist

cc: Bruno Mancini, BP