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United States Environmental Protection Agency Region 2  
290 Broadway, 19th Floor  
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New Jersey Superfund Branch  
Office of Regional Counsel  
United States Environmental Protection Agency Region 2  
290 Broadway, 17th Floor  
New York, New York 10007  
Attention: Attorney for Pohatcong Site

United States Environmental Protection Agency, Region 2  
2890 Woodbridge Avenue  
Building 209 (MS-211)  
Edison, New Jersey 08837  
Attention: Washington Plant, Pohatcong Site On-Scene Coordinator

Fred Mumford  
New Jersey Department of Environmental Protection  
380 Scotch Road  
West Trenton, New Jersey 08628  
*(via electronic mail only)*

**Re: Monthly Progress Report No. 13  
Reporting Period March 1, 2016 to March 31, 2016  
2013 Vapor Intrusion Removal Action at the Washington Facility  
Pohatcong Valley Groundwater Contamination Superfund Site  
Warren County, New Jersey**

April 8, 2016

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Dear Pohatcong Consent Decree Notice Recipients:

On behalf of Pechiney Plastics Packaging, Inc. (PPPI), the Primary Settling Defendant for the Remedial Design/Remedial Action Consent Decree (CD)<sup>1</sup>, Ramboll Environ US Corporation (Ramboll Environ) submits this monthly progress report in compliance with Section X, Paragraph 30 of the CD and Appendix B-3 to the CD, Statement of Work for the 2013 Vapor Intrusion Removal Action at the Washington Facility (2013 VI Removal Action SOW) at the Pohatcong Valley Groundwater Contamination Superfund (PVGCS) Site. This report provides a description of the actions and activities undertaken pursuant to the CD and related to the 2013 VI Removal Action SOW during this reporting period and plans, actions and data scheduled in the next 8 weeks.

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<sup>1</sup> In the matter of United States of America v. PPPI (Civil Action No. 09-cv-05692) and United States of America v. Bristol Myers Squibb Company, et. al. (Civil Action No. 13-cv-05798) effective March 11, 2015.

## **Actions Taken Toward Compliance with Consent Decree**

The following activities were performed during this reporting period:

- The long-term soil vapor extraction (SVE) system and east wall sub-slab depressurization system (SSDS) continued operation during this reporting period. The SVE system is currently operating at an overall vacuum of 6 inches Hg with an average inlet flow rate of approximately 410 cubic feet per minute (CFM). During this period the SVE system and east wall SSDS operated over 99.6% of the time (i.e., a total of 741 hours over 31 days).
- The Monthly Progress Report No. 12 for the VI Removal Action at the Washington facility reporting February 2016 activities was submitted to the USEPA in a letter dated March 10, 2016.
- Ramboll Environ collected sub-slab vapor monitoring port vacuum and photoionization detector (PID) measurements on March 11, 2016. These measurements and the SVE blower runtime for the March 2016 reporting period are included in the summary table in Attachment 1.

## **Problems Encountered, Actions Taken and Their Resolutions**

The following problems were encountered during this reporting period:

- None.

## **Analytical Results and Data Received During the Reporting Period**

The following analytical data were received during this reporting period:

- None.

## **Anticipated Plans, Actions and Data Scheduled (during the next 8 weeks)**

The following activities are planned for the next 8 weeks:

- One round of measurements of the SVE system and SSDS is planned to be performed in April 2016.
- The stand-by SSDS blowers on the west wall have reached the end of their expected service life and will be replaced with new blowers. Replacement of the west wall SSDS blowers is ongoing.

## **Delays Encountered or Anticipated, and Efforts Taken to Mitigate**

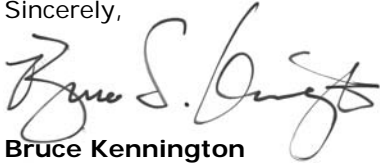
The following delays were encountered during this reporting period:

- None.

## **Closing**

Pursuant to Section X, Paragraph.30 of the CD, three hard copies of this monthly progress report have been submitted to the designated recipients. If you have any questions or comments regarding this monthly progress report, please feel free to contact me.

Sincerely,



**Bruce Kennington**

Project Coordinator

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M 312.953.9965

[bkennington@ramboll.com](mailto:bkennington@ramboll.com)

Attachments:

SVE/SSDS Measurements, March 9, 2016

cc: *Via Electronic Mail*

Michelle Grainger – USEPA, Region 2

Roy Duckett – Rio Tinto

Lauren Piana – Rio Tinto

Bruce White – Barnes & Thornburg LLP

## **ATTACHMENT 1**

**SVE/SSDS Measurements**

**March 9, 2016**

**SVE/SSDS Measurements**  
**March 9, 2016**  
**Vapor Intrusion Response Activities**  
**Albéa Americas, Washington Facility**  
**191 Route 31 North, Washington, Warren County, New Jersey**

Sub Slab Measurement Location	PID (ppm)	Vacuum (inches of water)
<sup>1</sup> CDM-SS-01	--	--
CDM-SS-02N	2.15	-3.8
CDM-SS-02S	1.85	-4.08
CDM-SS-03	2.66	-0.93
CDM-SS-04	0.83	-0.015
CDM-SS-05	2.55	-0.003
CDM-SS-06	1.02	-0.001
CDM-SS-07	0.72	-0.09
CDM-SS-08	3.20	-2.555
CDM-SS-09	1.51	-0.001
CDM-SS-10	0.74	-0.001
EPA-SS-11	1.22	-0.025
EPA-SS-12	1.35	-0.16
EPA-SS-13	0.83	-0.001
EPA-SS-14	0.72	-0.003
EPA-SS-15	0.68	-0.001
EPA-SS-16	1.22	-0.002
EPA-SS-17	1.64	-0.09
EPA-SS-18	1.71	-0.096
EPA-SS-19	1.62	-0.07
EPA-SS-20	1.10	-0.006
EPA-SS-21	2.60	-0.86
EPA-SS-22	5.30	-1.19
EPA-SS-23	0.85	-0.05
EPA-SS-24	0.90	-0.4
EPA-SS-25	0.69	-0.001
EPA-SS-26	0.55	-0.15
EPA-SS-27	2.40	-0.3
EPA-SS-28	1.20	-0.056
EPA-SS-29	1.70	-0.228
EPA-SS-30	1.90	-2.495
EPA-SS-31	1.42	-1.41
EPA-SS-32	1.40	-0.8
VP-2	3.50	-2.31
VP-3	1.04	-0.298
<sup>1</sup> VP-7	--	--
VP-10	1.12	-0.081
VP-11	4.10	-0.001
VP-12	1.13	-0.111
VP-13	1.38	-0.003
VP-14	1.81	-0.24
VP-15	1.62	-0.333
VP-16	3.10	-0.295

SVE/SSDS Measurement Location	PID (ppm)	Vacuum (inches of water)
SSDS-01	1.96	-37
SSDS-02	1.52	-37
SSDS-03	1.38	-10
SSDS-04	1.31	-38
SSDS-05	1.37	-4
<sup>2</sup> SSDS-06	---	---
<sup>2</sup> SSDS-07	---	---
<sup>2</sup> SSDS-08	---	---
<sup>2</sup> SSDS-09	---	---
<sup>2</sup> SSDS-10	---	---
SVE-1	3.00	-77
SVE-2	2.80	-75
SVE-3	3.30	-80
SVE-4	5.70	-75
SVE-5	3.50	-77
SVE-6	2.10	-81
SVE-7	3.60	-80
SVE-8	3.80	-62
SVE-9	2.50	-75
SVE-10	3.00	-75
SVE-11	5.60	-72
SVE-12	4.90	-75
SVE-13P	5.40	-50
SVE-14P	5.90	-75
SVE-15P	2.80	-10
SVE-16P	0.90	-20

Vapor Phase GAC Measurements		
Location	PID (ppm)	Pressure (in. of water)
VGAC1 IN	5.3	58.8
VGAC1 OUT	0.1	27.5
VGAC2 OUT	0.0	3.7

Summary of SVE Blower Runtime for Reporting Period	
Hour Meter at end of Previous Reporting Period (Hours)	14,163
Hour Meter at end of Current Period (3/31/2016) (Hours)	14,904
Total SVE Blower Runtime for Reporting Period (Hours)	741

**Notes:**

1. Vapor monitoring point not accessible; no measurement collected.
2. Locations SSDS-06 through SSDS-10 (West Wall) are for standby use only and were not operational.