CONESTOGA-ROVERS & ASSOCIATES

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December 6, 2013 Reference No. 081618-D22102-403

Mr. Stephen Scharf
New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials
Bureau of Solid Waste and Corrective Action
625 Broadway
Albany, NY 12233 7258

Dear Mr. Scharf

Re: November 2013 Progress Report
Order on Consent and Administrative Settlement Index #A1-0799-12-10
Operable Unit 5, RUCO Polymer Corp, Hicksville, NY (Site # 130004)

Conestoga-Rovers & Associates (CRA), on behalf of Bayer Material Science LLC (BMS) and Glenn Springs Holdings, Inc. (GSH), has prepared this submittal which provides the monthly progress report for November 2013. This submittal covers Operable Unit 5 (OU-5) activity. The OU-5 Order on Consent became effective on September 30, 2013.

Actions performed during the Reporting Period

1. Certification of filing the Order on Consent was provided to the NYSDEC on November 4 by Bayer.
2. The October progress report for OU-5 was submitted on November 7.
3. The Simone access agreement was executed on November 13.
4. Contacts were made the week of November 18 with the Phase 2 probe location property owners regarding access to their properties.
5. The Phase 1 soil vapor probes were installed on November 25 and 26. Attached are the probe logs and coordinates for the installed Phase 1 probes. Figure 1 shows their locations.

Actions anticipated to be performed the Next Month

1. Collect and analyze the Phase 1 soil vapor samples. Sample collection is scheduled to start on December 9, 2013.
2. Continue to work with the neighboring property owners to obtain access permission for the Phase 2 probe installations.

Approved Modifications to Work Plans/Schedule

1. No requests for modification have been submitted.

Analytical and Testing Results

1. No samples have been collected and no testing has been performed.

Unresolved Delays

1. No delays anticipated at this time.

Citizen Participation Plan

1. The neighboring property owners were contacted with regard to access for the Phase 2 probe installations.

Should you have any questions on the above, please do not hesitate to contact the undersigned at 519-884-0510 or email kschmidtke@craworld.com

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Klaus Schmidtke

Klaus Schmidtke, Ph.D., P. Eng.

KS/mg/5
Encl.

cc: Krista Anders (NYSDOH)
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Tom Taconne (USEPA)
Scott Krall (Bayer)
Roger Smith (GSH)
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Stephen Fitzgerald, Esq. (GSH)
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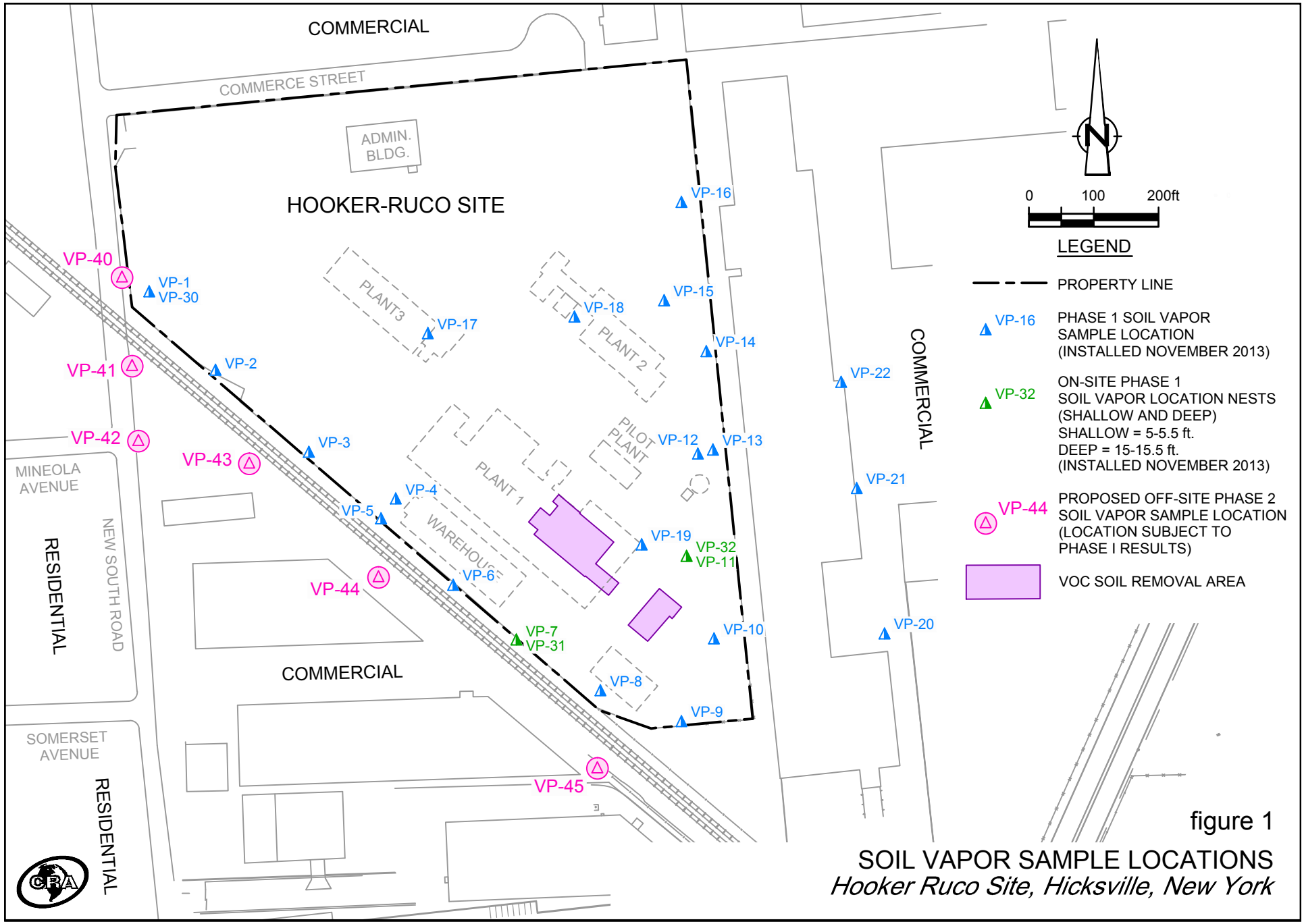


figure 1

SOIL VAPOR SAMPLE LOCATIONS

Hooker Ruco Site, Hicksville, New York

81618-D22101(SCHARF005)GN-WA001 DEC 2/2013

Attachment A

Vapor Probe Logs

Location Hicksville Date 11-26-13

Project / Client 6883

all probes, ~~cap~~ plugged c̄ 7/32" fitting Bolt.

- all probes covered c̄ 5 gallon pail c̄ cinder block on top for weight

1500 All installed.

Location Hicksville Date 11/27/13

Project / Client 6883

Probes installed c̄ Geoprobe ~~macro~~ micro core c̄ expendable Drive point DIA ≈ 2"
Probes screen DIA 1/2" wide by 6" long c̄ 1/4 ID poly tubing to surface

- Screen Annular space filled c̄ Drilling sand
- Bentonite used as seal hydrated before placing sand to surface

Probe log

VP-30

Screen Set 15.0 → 15.5' BGS
Hole collapsed so native sand to 11' BGS
Bentonite to 9.5' BGS; Sand to surface

VP-1

Screen Set 5.0 - 5.5' bgs
Sand 4' → 5.5' Bgs
Bentonite 3' → 4' Bgs sand to surface

Location Hicksville Date 11-27-13

Project / Client 6883

VP-2

Screen Set 5.0 → 5.5' BGS

Sand 4 → 5.5' BGS

Benotite 3 → 4' Bgs; Sand to surface

VP-3

Screen Set 5.5 → 6' BGS - auger hole went too deep

Sand 4' → 6.0' BGS

Benotite 3 → 4' BGS; Sand to surface

VP-5

Screen Set 5.0 → 5.5' BGS

Sand 4.0 → 5.5' BGS

Benotite 3' → 4' BGS; Sand to surface

VP-4

Screen Set 5.0 → 5.5' BGS

Sand 4 → 5.5' BGS

Benotite 3-4' BGS; Sand to surface

VP-6

Screen Set 5-5.5' Bgs

Sand 4 → 5.5' BGS

Benotite 3-4' BGS; Sand to surface

Location Hicksville Date 11-27-13

Project / Client 6883

VP-31

Screen Set 15 → 15.5' BGS

Sand 14-15.5' BGS

Benotite 13-14' BGS; Sand to surface

VP-7

Screen Set 5.0 → 5.5' BGS

Sand 4-5.5' BGS

Benotite 3' → 4' BGS; Sand to surface

VP-8

Screen Set 5 → 5.5 BGS

Sand 4 → 5.5' BGS

Benotite 3' → 4' BGS; Sand to surface

VP-9

Screen Set 5.0 → 5.5' Bgs

Benotite Sand 4 → 5.5' BGS

Benotite 3' → 4' BGS; Sand to surface

VP-19

Screen 5.0 → 5.5' BGS

Sand 4.0 → 5.5' BGS

Benotite 3.0 → 4.0' BGS; Sand to Surface

Location Hicksville Date 11-27-13

Project / Client 6883

VP-13

Screen Set 5.0 → 5.5' BGS

Sand 4.0 → 5.5' BGS

Benolite 3.0 → 4.0' BGS; Sand to Surface

VP-12

Screen Set 5.0 → 5.5' BGS

Sand 4.0 - 5.5' BGS

Benolite 3.0 → 4.0' BGS; Sand to Surface

VP-14

Screen Set 5.0 → 5.5' BGS

Sand 4.0 → 5.5' BGS

Benolite 3.0 - 4.0' BGS; Sand to Surface

VP-15

Screen Set 5.0 → 5.5' BGS

Sand ~~3.8~~ 3.8 → 5.5' BGS hole collapsed

Benolite 2.5 → 3.8' BGS; Sand to Surface

VP-16

Screen Set 5.0 → 5.5' BGS

Sand 4.0 → 5.5' BGS

Benolite 3.0 - 4.0' BGS; Sand to Surface

Location Hicksville Date 11-27-13

Project / Client 6883

VP-18

Screen Set 5.0 → 5.5' BGS

Sand 4.0 - 5.5' BGS

Benolite 3.0 → 4.0' BGS; Sand to Surface

VP-17

Screen Set 5.0 → 5.5' BGS

Sand 4.0 → 5.5' BGS

Benolite 3.0 → 4.0' BGS; Sand to Surface

VP-10

Screen Set 5.0 - 5.5' BGS

Sand 4.0 - 5.5' BGS

Benolite 3.0 → 4.0' BGS; Sand to Surface

VP-32

Screen Set 15.0 → 15.5' BGS

Sand 14.0 → 15.5' BGS

Benolite 13.0 - 14.0' BGS; Sand to Surface

VP-11

Screen Set 5.0 → 5.5' BGS

Sand 4.0 → 5.5' BGS

Benolite 3.0 → 4.0' BGS; Sand to Surface

Location Hicksville Date 11/27/17

Project / Client 6883

MP-22

Screen Set 5.0 → 5.5' Bgs

Sand 4.0 → 5.5' Bgs

Bentonite 3.0 → 4.0' Bgs; Sand to surface

MP-21

Screen set 5.0 → 5.5' Bgs

Sand 4.0 - 5.5' Bgs

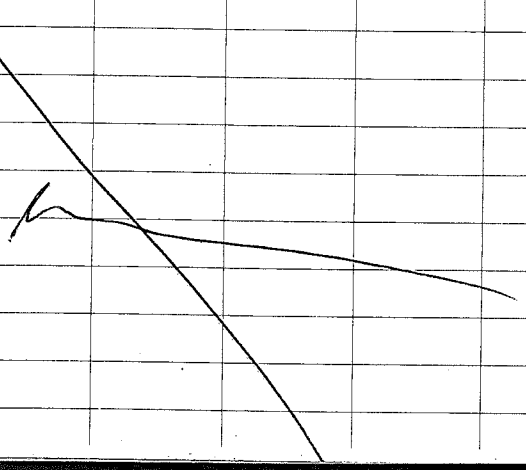
Bentonite 3.0 → 4.0' Bgs; Sand to Surface

MP-20

Screen Set 5.0 → 5.5' Bgs

Sand 4.0 → 5.5' Bgs

Bentonite 3.0 - 4.0' Bgs; Sand to Surface



Location Date

Project / Client

Attachment B

Vapor Probe Coordinates

TABLE 1

VAPOR PROBE COORDINATES

sys_loc_code	*coord_type_code*	*x_coord*	*y_coord*
VP-1	SPXY_NAD27_NY_ISLAND	2136801.66	194295.50
VP-10	SPXY_NAD27_NY_ISLAND	2137672.78	193760.00
VP-11	SPXY_NAD27_NY_ISLAND	2137630.50	193887.28
VP-12	SPXY_NAD27_NY_ISLAND	2137648.07	194045.26
VP-13	SPXY_NAD27_NY_ISLAND	2137671.12	194051.46
VP-14	SPXY_NAD27_NY_ISLAND	2137661.02	194203.21
VP-15	SPXY_NAD27_NY_ISLAND	2137595.93	194281.78
VP-16	SPXY_NAD27_NY_ISLAND	2137622.77	194433.74
VP-17	SPXY_NAD27_NY_ISLAND	2137231.44	194231.13
VP-18	SPXY_NAD27_NY_ISLAND	2137457.55	194256.70
VP-19	SPXY_NAD27_NY_ISLAND	2137561.13	193905.10
VP-2	SPXY_NAD27_NY_ISLAND	2136903.93	194174.63
VP-20	SPXY_NAD27_NY_ISLAND	2137935.93	193767.57
VP-21	SPXY_NAD27_NY_ISLAND	2137893.10	193992.00
VP-22	SPXY_NAD27_NY_ISLAND	2137869.08	194155.82
VP-3	SPXY_NAD27_NY_ISLAND	2137047.78	194047.92
VP-30	SPXY_NAD27_NY_ISLAND	2136801.66	194295.50
VP-31	SPXY_NAD27_NY_ISLAND	2137368.03	193758.27
VP-32	SPXY_NAD27_NY_ISLAND	2137630.50	193887.28
VP-4	SPXY_NAD27_NY_ISLAND	2137182.10	193975.82
VP-5	SPXY_NAD27_NY_ISLAND	2137159.18	193945.33
VP-6	SPXY_NAD27_NY_ISLAND	2137270.58	193842.73
VP-7	SPXY_NAD27_NY_ISLAND	2137368.03	193758.27
VP-8	SPXY_NAD27_NY_ISLAND	2137497.77	193680.07
VP-9	SPXY_NAD27_NY_ISLAND	2137622.71	193632.20