



**CONESTOGA-ROVERS  
& ASSOCIATES**

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October 2, 2014

Reference No. 081618

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 7015

Dear Mr. Scharf:

Re: Installation of Phase 2 Soil Vapor Probes  
Sampling of Phase 1 and Phase 2 Soil Vapor Probes  
Hicksville Operable Unit 5 (OU-5)

This letter has been prepared to memorialize the discussions of the conference call held among the NYSDEC, Bayer, GSH, and CRA on September 26, 2014. This letter updates the Soil Vapor Investigation Work Plan – Revision No. 2 dated July 24, 2013 and approved by the NYSDEC on August 7, 2013.

### ***Phase 1 Probes***

Some of the Phase 1 probes will need to be removed during implementation of the final corrective measures for Operable Unit 4 (OU-4). The 15 Phase 1 probes listed in Table 1 and shown on Figure 1 will be sampled prior to their removal to obtain a second set of soil vapor analytical results. The Phase 1 probes to be sampled were selected based on the following:

- On-site perimeter probes with elevated PCE concentrations (i.e.,  $> 100 \mu\text{g}/\text{m}^3$ ) to evaluate chemical trends with time
- Phase 1 probes adjacent to Phase 2 probes to evaluate concentration trends with increasing distance from the site
- No interior probes were selected since the trends with time in the interior probes are anticipated to be similar to those of the perimeter probes

The Phase 1 probes will be sampled as close as practical to the time when the Phase 2 probe samples are collected.



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- 2 -

### ***Phase 2 Probes***

The four Phase 2 probes for which access has been obtained are VP-41, VP-42, VP-46, and VP-47. These probes will be installed as soon as practical. The probe locations are shown on Figure 1. Soil gas samples will be collected from the Phase 2 probes approximately 2 weeks after they are installed. Efforts will continue to be made to obtain access to install and sample soil vapor probes VP-44 and VP-45.

### ***Updated Schedule***

The probes are tentatively scheduled to be installed the week of October 20, 2014 and sampled during the week of November 3, 2014. Preliminary laboratory results for the soil vapor sampling activities will be available approximately 3 to 4 weeks after sampling. A final soil vapor investigation report, including the items listed in the July 24, 2014 Work Plan, will be submitted to the NYSDEC/NYSDOH approximately 6 weeks after receipt of the final analytical data from the laboratory.

Please do not hesitate to contact Scott Krall of Bayer at 412-777-5568 or Roger Smith of GSH at 687-972-7516 if you have any questions or require additional information.

Yours truly,

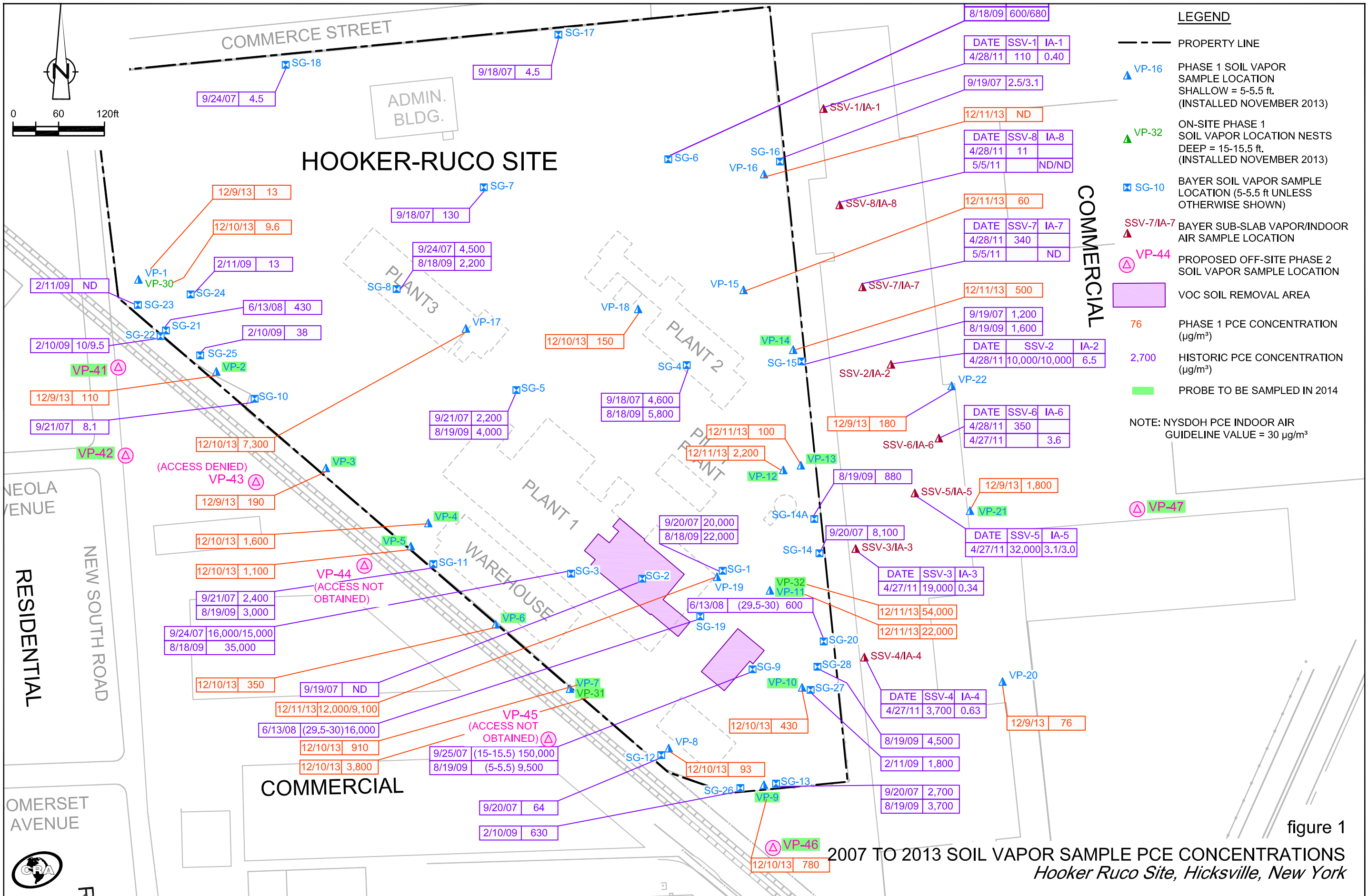
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Klaus Schmidtke, Ph.D., P. Eng.

KS/mg/17

Encl.

cc: Thomas Taccone, USEPA  
Mark Fisher, The ELM Group  
Roger Smith, GSH  
Scott Krall, Bayer



**TABLE 1**

**SOIL VAPOR PROBES TO BE SAMPLED/ANALYZED  
OU-5, HICKSVILLE, NY**

<i><b>Phase 1 Probe</b></i>	<i><b>Phase 2 Probe</b></i>
VP-2	VP-41
VP-3	VP-42
VP-4	
VP-5	
VP-6	
VP-7	
VP-9	VP-46
VP-10	
VP-11	
VP-12	
VP-13	
VP-14	
VP-21	VP-47
VP-31	
VP-32	

Notes:

- (1) Phase 2 Probes are listed beside adjacent Phase 1 probes.