



BUCK

ENGINEERING, LLC

consulting environmental engineers

January 7, 2009

Thomas P. Festa
Geologist
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233-7017

Re: **New Well "L16"**
SCM/SCWP Site # 712006
839 NYS Route 13
Town of Cortlandville, NY

Dear Tom:

This correspondence is submitted on behalf of SCWP, LLC and will report on the installation of a new groundwater well on the subject site. This activity is a follow-up and extension of the previous sub-slab soil-vapor sampling that identified relatively high levels of TCE near column L16 and was forwarded to the Department in a report dated 2/21/07.

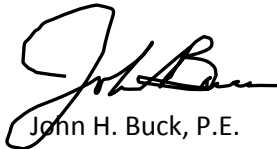
The new well was constructed to determine the concentration of Trichloroethene (TCE) in groundwater near column L16. The contractor was GeoLogic, NY and their project manager was Forrest Earl. GeoLogic had attempted to auger to groundwater at this location in November 2006, but efforts were thwarted by the presence of cobbles and boulders. In November 2008, GeoLogic made another attempt at well construction, using a "sonic head" and attempting to advance a well point. That effort was also unsuccessful. On 12/3/08 GeoLogic made another attempt using a 5" rotary/air cutting head. This method was successful, but precluded obtaining either soil or soil-vapor samples as the tooling advanced.

The well detail is illustrated on the attached well log. In summary, the 2" schedule 40 PVC casing is placed at a depth of 60.5' below the floor level. Based on the cuttings returned by the air flow and the general behavior of the drill rig, it is believed that the entire formation was coarse gravel with smaller amounts of sand. Water was encountered at approximately 50' below the floor level (bfl). A slotted screen was placed at 45.5-60.5' bfl for water well purposes, and a second screen was placed at 5.5-15.5' bfl for possible future use as a vapor recovery well. Sand pack, bentonite, and flush mount were constructed as shown on the well log. On 12/11/08 the well was purged of three well volumes by manual bailer, and sampled for analysis by EPA 8260 by Life Science Labs (East Syracuse, NY – ELAP # 10248). The lab report (attached) indicated 41 ug/l of TCE and 1.4 ug/l of Tetrachloroethene (Perc). The new well is being referred to as "L16" due to its location near column L16 in the building.

Mr. Festa
1/07/09
P. 2 of 2

Because the existing monitoring wells were sampled on 11/26/08 (within two weeks of L16), we will include L16 in the data analysis section of the annual report. We believe that the data from L16 will help all of us in better understanding plume extents and determining the most effective remediation actions for the future.

Sincerely,



John H. Buck, P.E.
Principal Engineer

Attachments:

- Site map
- Lab report
- Well log

Cc:

- K. Ochs (SCWP)
- A. Porter (SCWP)
- T. Conrad(SCWP)
- R. Shafer, Esq. (RS&S)

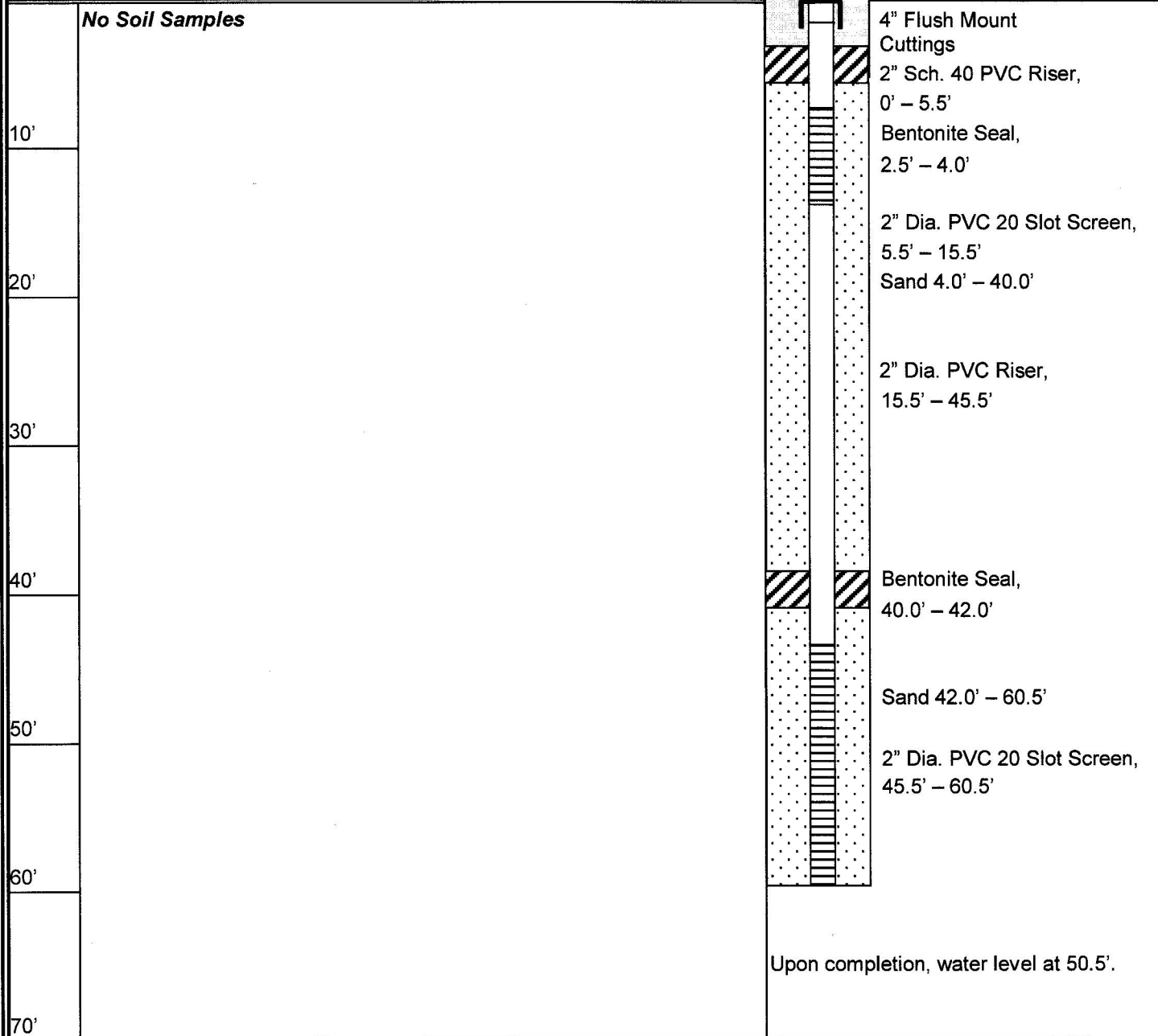
GeoLogic NY, Inc.
P. O. Box 350
Homer, New York 13077
(607) 749-5000

SUBSURFACE LOG

Boring No.: Interior L-16
Project No.: 207003B
Date Started: 12/03/08
Date Completed: 12/05/08
Sheet 1 of 1

Project: SCWP
Location: Cortlandville, New York

Surface Elevation: N/A
Top of Well Elevation: N/A



Sampling Method: ASTM D-1586, unless otherwise noted.
Notes: 5" Air Rotary

F:207003B\tech\Interior L-16



Laboratory Analysis Report For Buck Engineering, LLC

Date Printed: 12/19/08

Client Project ID: SCWP

LSL Project ID: 0822287

Phone: (607) 753-8010

John Buck
Buck Engineering, LLC
PO Box 427
87 Central Ave
Cortland, NY 13045

A copy of this report was sent to:

Sample ID: MW-L16

Location:

Sampled: 12/11/08 10:24

Sampled By: JRH

Matrix: NPW

LSL Sample ID: 0822287-001

Receive Date/Time: 12/11/08 12:51

Project Rec'd by: RD

Analytical Method	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
Analyte					
(1) EPA 8260B Volatiles (Partial List)					
1,1,1-Trichloroethane	<1	ug/l		12/12/08	BD
1,1-Dichloroethene	<1	ug/l		12/12/08	BD
1,2-Dichloroethene, Total	<1	ug/l		12/12/08	BD
Trichloroethene	41	ug/l		12/12/08	BD
Tetrachloroethene	1.4	ug/l		12/12/08	BD
Vinyl chloride	<1	ug/l		12/12/08	BD
Surrogate (1,2-DCA-d4)	107	%R		12/12/08	BD
Surrogate (Tol-d8)	103	%R		12/12/08	BD
Surrogate (4-BFB)	100	%R		12/12/08	BD

Life Science Laboratories, Inc.

- (1) LSL Central Lab, East Syracuse, NY
- (2) LSL North Lab, Waddington, NY
- (3) LSL Finger Lakes Lab, Wayland, NY
- (4) LSL Southern Tier Lab, Cuba, NY
- (5) LSL MidLakes Lab, Canandaigua, NY
- (6) LSL Brittonfield Lab, East Syracuse, NY

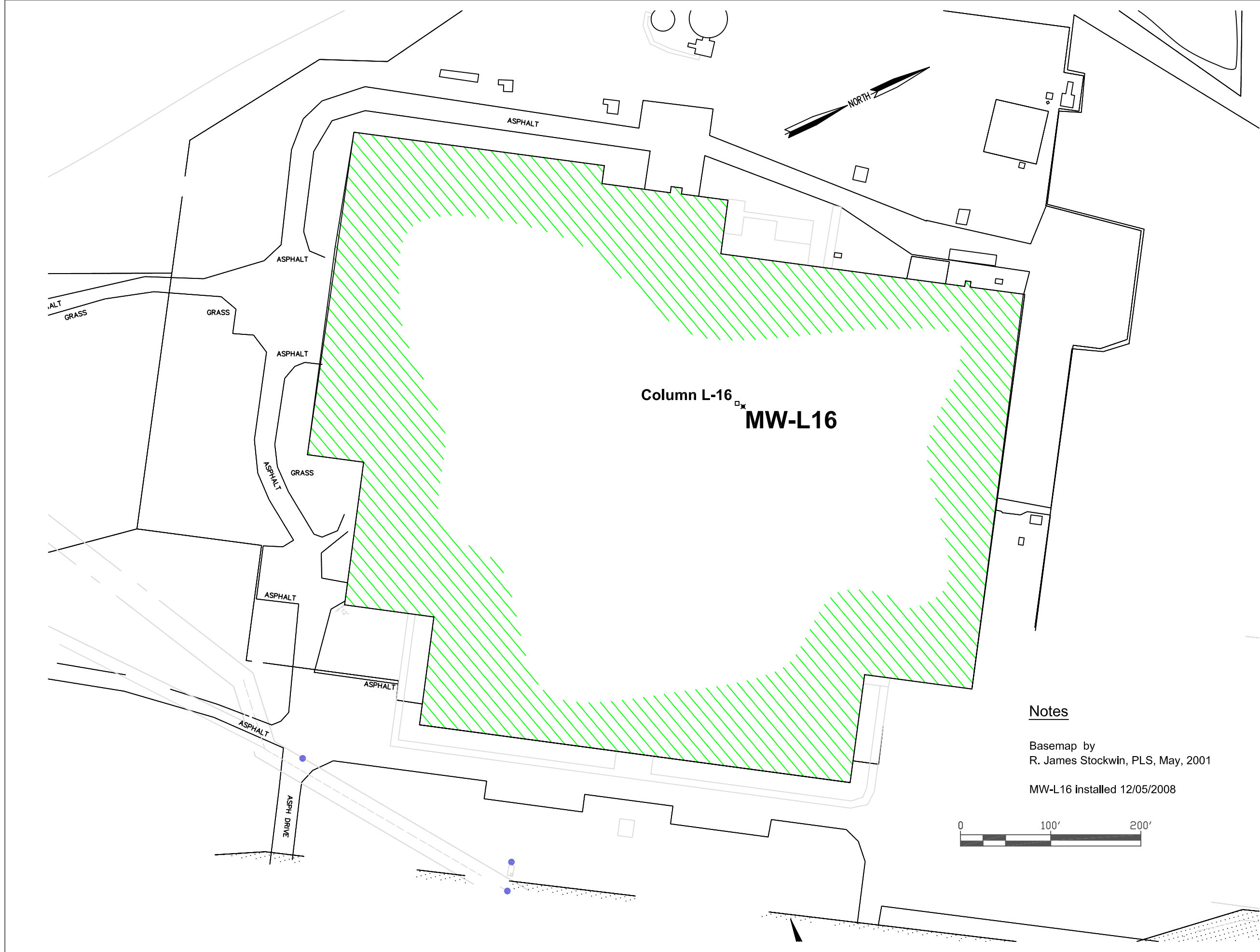
- (315) 445-1105
- (315) 388-4476
- (585) 728-3320
- (585) 968-2640
- (585) 396-0270
- (315) 437-0200

- NYS DOH ELAP #10248 PA DEP #68-2556
- NYS DOH ELAP #10900
- NYS DOH ELAP #11667
- NYS DOH ELAP #10760
- NYS DOH ELAP #11369
- NYS DOH ELAP #10155

Reviewed by

12/19/08
Date

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SCWP, LLC
New York State Route 13
Town of Cortlandville, New York

No.	Revision/Issue	Date

MW-L16
Location
Map

Project	Sheet
Date 1-05-09	Drawn By JRH
Scale See Map	DWG #