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NWIRP BETHPAGE
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H&S ENVIRONMENTAL RESPONSES TO NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION AND NEW YORK STATE DEPARTMENT OF HEALTH
COMMENTS ON 2012 ANNUAL OPERATIONS REPORT FOR SOIL VAPOR EXTRACTION
CONTAINMENT SYSTEM AT SITE 1 FORMER DRUM MARSHALLING YARD NWIRP
BETHPAGE NY
10/10/2013
H&S ENVIRONMENTAL



10 October 2013

Mr. Steven Scharf
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Action, Bureau A
625 Broadway
Albany, NY 12233-7015

Mr. Steven Karpinski
State of New York Department of Health
Bureau of Environmental Exposure Investigation
547 River Street
Troy, New York 12180-2216

**Subject: RESPONSE TO COMMENTS RECEIVED FOR THE 2012 ANNUAL
SVECS OPERATIONS SUMMARY - SITE 1
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT, BETHPAGE, NY
US NAVY CONTRACT NO. N40085-10-D-9409
CONTRACT TASK ORDER NO. 0005**

Dear Mr. Scharf and Mr. Karpinski:

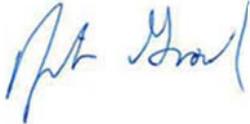
H&S Environmental, Inc. (H&S) has prepared this response to comments received from New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) regarding the *2012 Annual Operations Report, Soil Vapor Extraction Containment System, Site 1, Former Drum Marshalling Yard, Naval Weapons Industrial Reserve Plant, Bethpage, New York*.

The comments received on 4 October 2013 from NYSDEC/NYSDOH requested a figure showing the locations of the soil vapor pressure monitoring points (SVPMs) and the pressure measurements that were obtained from the SVPMs during the year (2012).

In response to this request, Figure 3, entitled “Site Plan, Existing Layout,” has been revised to include the locations of the 18 SVPMs. In addition, Figure 6, entitled “2012 Offsite Soil Vapor Monitoring, Quarterly Vacuum Pressure Monitoring – SVPMs,” has been added to present the vacuum pressure readings recorded at each of the SVPMs in 2012.

These figures are intended to be an addendum to the above-referenced report. Please contact me at jgood@hsenv.com or 508.366.7442 if you have any questions or comments regarding this submittal.

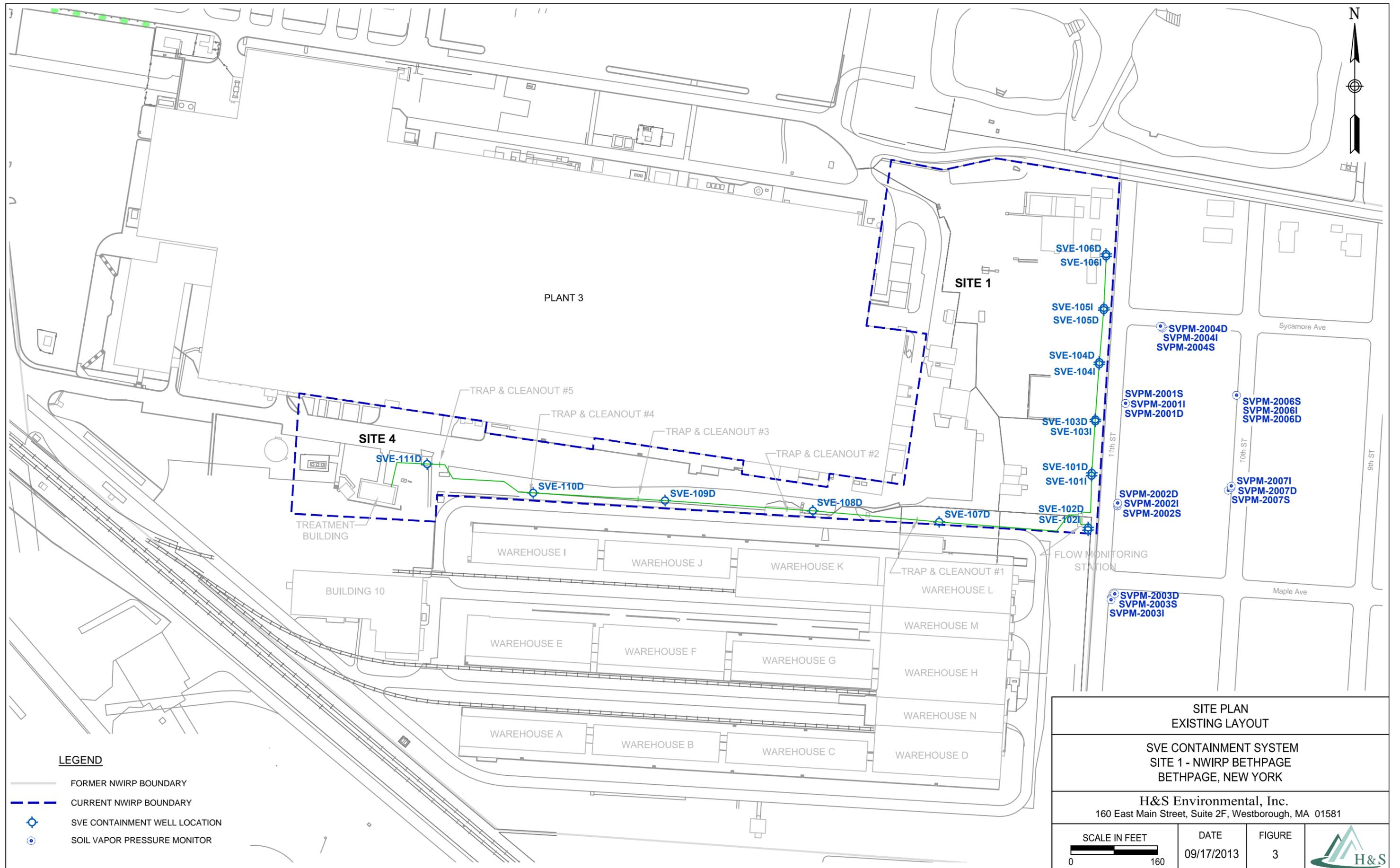
Sincerely,
H&S Environmental, Inc.



Jennifer Good, P.G.
Project Manager

Enclosures: Figure 3 – “Site Plan, Existing Layout”
Figure 6 – “2012 Offsite Soil Vapor Monitoring, Quarterly Vacuum Pressure Monitoring – SVPMs”

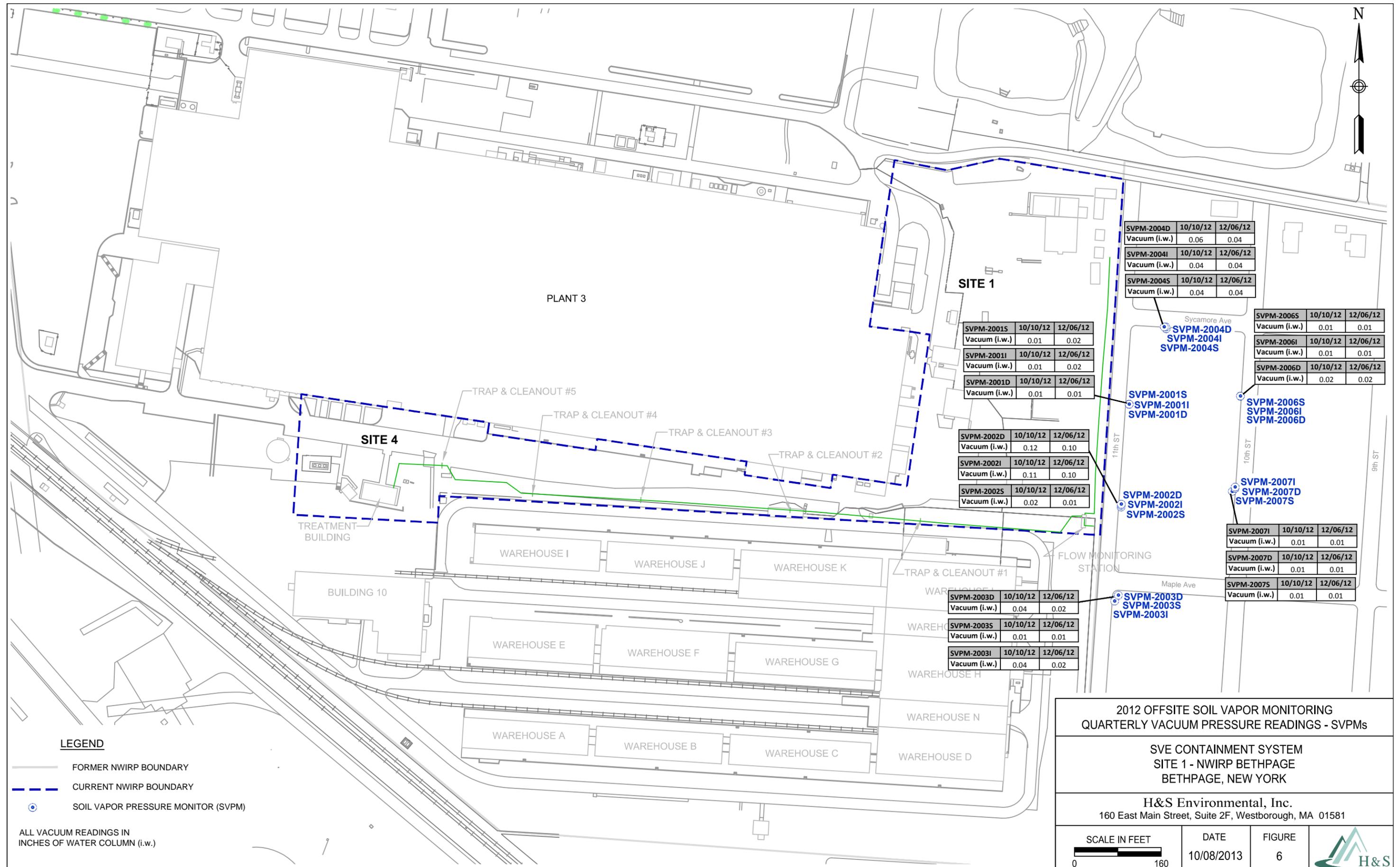
Cc: Ms. Lora Fly (NAVFAC Mid-Atlantic RPM) – email copy only
Mr. Al Taormina (NWIRP Bethpage) – email copy only
Ms. Carol Stein (EPA Region II) – email copy only
Mr. William Cords (NAVAIR) – email copy only
Mr. David Brayack (Tetra Tech) – email copy only
Mr. Glenn Wagner (Tetra Tech) – hard copy and CD



LEGEND

- FORMER NWIRP BOUNDARY
- - - CURRENT NWIRP BOUNDARY
- ⊕ SVE CONTAINMENT WELL LOCATION
- ⊙ SOIL VAPOR PRESSURE MONITOR

<p>SITE PLAN EXISTING LAYOUT</p>			
<p>SVE CONTAINMENT SYSTEM SITE 1 - NWIRP BETHPAGE BETHPAGE, NEW YORK</p>			
<p>H&S Environmental, Inc. 160 East Main Street, Suite 2F, Westborough, MA 01581</p>			
<p>SCALE IN FEET</p>	<p>DATE</p> <p>09/17/2013</p>	<p>FIGURE</p> <p>3</p>	



PLANT 3

SITE 1

SITE 4

TREATMENT BUILDING

WAREHOUSE I

WAREHOUSE J

WAREHOUSE K

WAREHOUSE E

WAREHOUSE F

WAREHOUSE G

WAREHOUSE A

WAREHOUSE B

WAREHOUSE C

WAREHOUSE D

WAREHOUSE L

WAREHOUSE M

WAREHOUSE H

WAREHOUSE N

TRAP & CLEANOUT #5

TRAP & CLEANOUT #4

TRAP & CLEANOUT #3

TRAP & CLEANOUT #2

TRAP & CLEANOUT #1

FLOW MONITORING STATION

Sycamore Ave

Maple Ave

11th ST

10th ST

9th ST

SVPM-2001S	10/10/12	12/06/12
Vacuum (i.w.)	0.01	0.02
SVPM-2001I	10/10/12	12/06/12
Vacuum (i.w.)	0.01	0.02
SVPM-2001D	10/10/12	12/06/12
Vacuum (i.w.)	0.01	0.01

SVPM-2002D	10/10/12	12/06/12
Vacuum (i.w.)	0.12	0.10
SVPM-2002I	10/10/12	12/06/12
Vacuum (i.w.)	0.11	0.10
SVPM-2002S	10/10/12	12/06/12
Vacuum (i.w.)	0.02	0.01

SVPM-2003D	10/10/12	12/06/12
Vacuum (i.w.)	0.04	0.02
SVPM-2003S	10/10/12	12/06/12
Vacuum (i.w.)	0.01	0.01
SVPM-2003I	10/10/12	12/06/12
Vacuum (i.w.)	0.04	0.02

SVPM-2004D	10/10/12	12/06/12
Vacuum (i.w.)	0.06	0.04
SVPM-2004I	10/10/12	12/06/12
Vacuum (i.w.)	0.04	0.04
SVPM-2004S	10/10/12	12/06/12
Vacuum (i.w.)	0.04	0.04

SVPM-2006S	10/10/12	12/06/12
Vacuum (i.w.)	0.01	0.01
SVPM-2006I	10/10/12	12/06/12
Vacuum (i.w.)	0.01	0.01
SVPM-2006D	10/10/12	12/06/12
Vacuum (i.w.)	0.02	0.02

SVPM-2006S	10/10/12	12/06/12
SVPM-2006I	10/10/12	12/06/12
SVPM-2006D	10/10/12	12/06/12
Vacuum (i.w.)	0.01	0.01
Vacuum (i.w.)	0.01	0.01
Vacuum (i.w.)	0.02	0.02

SVPM-2007I	10/10/12	12/06/12
SVPM-2007D	10/10/12	12/06/12
SVPM-2007S	10/10/12	12/06/12
Vacuum (i.w.)	0.01	0.01
Vacuum (i.w.)	0.01	0.01
Vacuum (i.w.)	0.01	0.01

SVPM-2007I	10/10/12	12/06/12
Vacuum (i.w.)	0.01	0.01
SVPM-2007D	10/10/12	12/06/12
Vacuum (i.w.)	0.01	0.01
SVPM-2007S	10/10/12	12/06/12
Vacuum (i.w.)	0.01	0.01

LEGEND

- FORMER NWIRP BOUNDARY
- CURRENT NWIRP BOUNDARY
- SOIL VAPOR PRESSURE MONITOR (SVPM)

ALL VACUUM READINGS IN INCHES OF WATER COLUMN (i.w.)

2012 OFFSITE SOIL VAPOR MONITORING QUARTERLY VACUUM PRESSURE READINGS - SVPMs

SVE CONTAINMENT SYSTEM
SITE 1 - NWIRP BETHPAGE
BETHPAGE, NEW YORK

H&S Environmental, Inc.
160 East Main Street, Suite 2F, Westborough, MA 01581



DATE
10/08/2013

FIGURE
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