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SUBMITTED VIA ELECTRONIC MAIL

May 12, 2016

Mr. Richard H. Dana  
Engineering Geologist 2  
Division of Environmental Remediation  
New York State Department of Environmental Conservation  
625 Broadway  
Albany, NY 12233-7014  
[Richard.dana@dec.ny.gov](mailto:Richard.dana@dec.ny.gov)

**Subject: SVI Investigation Work Plan for 36 South Transit Street  
New York State Electric and Gas Corporation  
Lockport Transit Street Former Manufactured Gas Plant Site, Lockport, NY**

Dear Mr. Dana,

AECOM Technical Services, Inc. (AECOM), on behalf of New York State Electric and Gas Corporation (NYSEG), submits for your review this Soil Vapor Intrusion (SVI) Investigation Work Plan for the residential building located at 36 South Transit Street. This property is located adjacent to and south of the above-referenced NYSEG Lockport Transit Street Former Manufactured Gas Plant (MGP) Site (New York State Department of Environmental Conservation (NYSDEC) Site #932098).

## **INTRODUCTION**

A Subsurface Site Investigation (SSI) Work Plan for the residential properties located at 36 South Transit Street/68 Saxton Street Properties was submitted to NYSDEC on December 16, 2015 and approved by NYSDEC on December 23, 2015. The first phase of the SSI was completed on January 21, 2016. As part of this first phase of the SSI, three test pits were completed and two soil samples were collected for chemical analysis. The resulting test pit soil data indicate that potential for MGP-related impacts may exist based upon observation of physical characteristics (odor, sheen) and comparison of analytical detections against the MGP constituents listed in the Record of Decision for the adjacent NYSEG Lockport Transit Street former MGP Site.

The purpose of this SVI Investigation Work Plan is to evaluate the potential for MGP-related volatile organic compound (VOC) vapor intrusion in the 36 South Transit Street residential building. AECOM proposes the following scope of work to complete this evaluation.

## **SCOPE OF WORK**

### **Task 1 – Soil Vapor Sampling**

AECOM will perform an SVI sampling program to assist NYSEG in determining the presence of potential MGP-related VOCs at the 36 South Transit Street residential building. Per the building's owner, the building has two apartments on the first floor and a basement/crawlspace with a dirt floor. Based on this information AECOM proposes to collect five air samples to evaluate SVI as follows:

- One basement/crawlspace air sample will be collected in the center of the basement/crawlspace. The actual location will be dependent on the layout and access of the basement/crawlspace during the sampling event. The sample will be collected from an elevation equal to the height of the canister placed on the dirt floor.
- One indoor air sample will be collected from each apartment from the first floor. The indoor air samples will be located in a central area of each apartment at a height approximately three feet above the floor to represent a height at which occupants normally are seated.
- One outdoor air sample will be collected. Ideally, an upwind air sample should be collected. However, because there is no secure location for the canister near the 36 South Transit Street building, an outdoor air sample will be located inside the southerly fence of the NYSEG Lockport Transit Street Former MGP Site, north of the 36 South Transit Street building. Actual placement along the fence will be determined based on the wind direction at the start of sampling.
- One field duplicate air sample will be collected from either the basement/crawlspace or in one of the apartments.

The air samples will be submitted for VOC analysis using Environmental Protection Agency (EPA) Method TO-15, as further discussed below.

#### *Field Methodology*

Installation and collection of associated SVI samples will be conducted in accordance with the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH, October 2006).

At each location, sample collection will be performed using a 6.0-liter stainless steel, laboratory-provided Summa<sup>®</sup> canister equipped with a 24-hour regulator. AECOM will request standard 10-day turn-around time for analytical samples. The attached NYSDEC Structure Sampling Questionnaire and Building Inventory form will be completed and subsequently provided in the summary report discussed below. The field scientist will record the sample identification, canister and regulator identification, date and time of sample collection, sample location and height, and the sampling method and device on a field log sheet. In addition, the purge volume, sample volume, canister vacuum pre- and post-sampling, and sampler name will be recorded.

Weather conditions (i.e., precipitation, outdoor temperature, barometric pressure, wind speed and direction) will be noted for the 24- to 48-hour period prior to sampling. Weather condition data from the period prior to sampling will be downloaded from the Internet at the following web site; <http://www.wunderground.com/weatherstation/WXDailyHistory.asp?ID=KNYLANCA3>. Pertinent field observations (i.e., odors or readings from field instrumentation, personal materials or other items of concern in the area of the sample [e.g., work bench, aerosols, etc.]) will be noted during sampling.

The SVI samples will be analyzed for VOCs listed in Table 1 using EPA Method TO-15 by Alpha Analytical, (Mansfield, MA), a NYS Department of Health Environmental Laboratory Approval Program (ELAP)-certified laboratory. Reporting limits will meet NYSDOH requirements of 1 microgram per cubic meter ( $\mu\text{g}/\text{m}^3$ ) for all VOCs, 0.25  $\mu\text{g}/\text{m}^3$  for trichloroethene, and 0.25  $\mu\text{g}/\text{m}^3$  for carbon tetrachloride unless the sample is found to contain VOC concentrations above those reporting limits. The laboratory will provide a Category B data report in the event that a data usability summary report would need to be completed in the future. The data deliverable package will include the following elements: analytical report; QA/QC summary; chain of custody; method blank; laboratory control samples – control limits; reporting limits; and, surrogate recoveries for GC/MS analysis with control limits.

**SCHEDULE**

Per the NYSDOH SVI guidance document, indoor air samples are typically collected during the heating season because SVI is more likely to occur when a building's heating system is in operation and doors and windows are closed. The 2015/2016 heating season is over as the temperatures in the greater Lockport area are expected to frequently be above 60 degrees Fahrenheit (<http://www.accuweather.com/en/us/lockport-ny/14094/may-weather/334658>). Therefore the SVI sampling proposed herein should be conducted in November or December 2016 once the 2016/2017 heating season has begun.

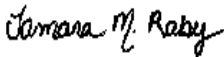
**LETTER REPORT**

Upon completion of the scope of work outlined above, a letter-report summarizing the results of the sampling activities will be prepared. The letter-report will be submitted to NYSDEC within 45 days of completion of the field work.

If you have any questions regarding this submission, please do not hesitate to contact me at (716) 923-1113 or via email at [tamara.raby@aecom.com](mailto:tamara.raby@aecom.com).

Very truly yours,

**AECOM Technical Services, Inc.**



Tamara Raby  
Manager II, Project Manager  
716.923.1113  
[tamara.raby@aecom.com](mailto:tamara.raby@aecom.com)

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Attachment – Table 1

cc: Chris Keipper (NYSEG)  
Scott Underhill (AECOM)  
Project File 60446268

**Table 1 - SVI Sample Analytes and Reporting Limits**  
**SVI Investigation Work Plan for 36 South Transit Street**  
**NYSEG Transit Street Former MGP Site, Lockport, NY**

	Compound	Reporting Limit	Units	Method ID
NY DMC	1,1,1-Trichloroethane	1.09	µg/m3	TO-15
	1,1,2,2-Tetrachloroethane	1.37	µg/m3	TO-15
	1,1,2-Trichloroethane	1.09	µg/m3	TO-15
	1,1-Dichloroethane	0.809	µg/m3	TO-15
NY DMC	1,1-Dichloroethene	0.79	µg/m3	TO-15
	1,2,3-Trimethylbenzene	0.98	µg/m3	TO-15
	1,2,4,5-Tetramethylbenzene	14	µg/m3	TO-15
	1,2,4-Trichlorobenzene	1.48	µg/m3	TO-15
	1,2,4-Trimethylbenzene	0.983	µg/m3	TO-15
	1,2-Dibromoethane	1.54	µg/m3	TO-15
	1,2-Dichlorobenzene	1.2	µg/m3	TO-15
	1,2-Dichloroethane	0.809	µg/m3	TO-15
	cis-1,2-Dichloroethene	0.79	µg/m3	TO-15
	trans-1,2-Dichloroethene	0.793	µg/m3	TO-15
	1,2-Dichloropropane	0.924	µg/m3	TO-15
	1,3,5-Trimethylbenzene	0.983	µg/m3	TO-15
	1,3-Butadiene	0.442	µg/m3	TO-15
	1,3-Dichlorobenzene	1.2	µg/m3	TO-15
	1,4-Dichlorobenzene	1.2	µg/m3	TO-15
	1,4-Dioxane	0.721	µg/m3	TO-15
	1-Methylnaphthalene	15	µg/m3	TO-15
	2,2,4-Trimethylpentane	0.934	µg/m3	TO-15
	2,3-dimethylheptane	TIC	µg/m3	TO-15
	2,3-dimethylpentane	TIC	µg/m3	TO-15
	2-Butanone	1.47	µg/m3	TO-15
	2-Ethyl thiophene	0.92	µg/m3	TO-15
	2-Hexanone	0.82	µg/m3	TO-15
	2-Methylnaphthalene	15	µg/m3	TO-15
	2-Methylthiophene	0.80	µg/m3	TO-15
	3-Chloropropene	0.626	µg/m3	TO-15
	3-Methylthiophene	0.80	µg/m3	TO-15
	4-Ethyltoluene	0.983	µg/m3	TO-15
	4-Methyl-2-pentanone	2.05	µg/m3	TO-15
	Acetone	2.38	µg/m3	TO-15
	Benzene	0.639	µg/m3	TO-15
	Benzothiophene	14	µg/m3	TO-15
	Benzyl chloride	1.04	µg/m3	TO-15
	Bromodichloromethane	1.34	µg/m3	TO-15
	Bromoform	2.07	µg/m3	TO-15
	Bromomethane	0.777	µg/m3	TO-15
	n-Butane	0.48	µg/m3	TO-15
	butylcyclohexane	TIC	µg/m3	TO-15
	Carbon disulfide	0.623	µg/m3	TO-15
NY DMC	Carbon tetrachloride	1.26	µg/m3	TO-15
	Chlorobenzene	0.921	µg/m3	TO-15
	Chloroethane	0.528	µg/m3	TO-15
	Chloroform	0.977	µg/m3	TO-15
	Chloromethane	0.413	µg/m3	TO-15
	Cyclohexane	0.688	µg/m3	TO-15
	Decane	1.2	µg/m3	TO-15
	Dibromochloromethane	1.7	µg/m3	TO-15

**Table 1 - SVI Sample Analytes and Reporting Limits**  
**SVI Investigation Work Plan for 36 South Transit Street**  
**NYSEG Transit Street Former MGP Site, Lockport, NY**

	Compound	Reporting Limit	Units	Method ID
	Dichlorodifluoromethane	0.989	µg/m3	TO-15
	cis-1,3-Dichloropropene	0.908	µg/m3	TO-15
	trans-1,3-Dichloropropene	0.908	µg/m3	TO-15
	Dodecane	1.4	µg/m3	TO-15
	Ethanol	9.42	µg/m3	TO-15
	Ethyl Acetate	1.8	µg/m3	TO-15
	Ethylbenzene	0.869	µg/m3	TO-15
	Freon-113	1.53	µg/m3	TO-15
	Freon-114	1.4	µg/m3	TO-15
	Heptane	0.82	µg/m3	TO-15
	Hexachlorobutadiene	2.13	µg/m3	TO-15
	n-Hexane	0.705	µg/m3	TO-15
	Indan	0.97	µg/m3	TO-15
	Indene	0.95	µg/m3	TO-15
	isopentane	0.59	µg/m3	TO-15
	Isopropanol	1.23	µg/m3	TO-15
	Methyl tert-butyl ether	0.721	µg/m3	TO-15
	Methylene chloride	1.74	µg/m3	TO-15
	Nonane	1.0	µg/m3	TO-15
	Octane	0.93	µg/m3	TO-15
	n-Pentane	0.59	µg/m3	TO-15
	Styrene	0.852	µg/m3	TO-15
	Tertiary butyl Alcohol	1.52	µg/m3	TO-15
NY DMC	Tetrachloroethene	1.36	µg/m3	TO-15
	Tetrahydrofuran	1.47	µg/m3	TO-15
	Thiophene	0.69	µg/m3	TO-15
	Toluene	0.754	µg/m3	TO-15
NY DMC	Trichloroethene	1.07	µg/m3	TO-15
	Trichlorofluoromethane	1.12	µg/m3	TO-15
	Undecane	1.3	µg/m3	TO-15
	Vinyl bromide	0.874	µg/m3	TO-15
NY DMC	Vinyl chloride	0.51	µg/m3	TO-15
	o-Xylene	0.869	µg/m3	TO-15
	p/m-Xylene	1.74	µg/m3	TO-15
<b>Indoor Air Reporting Limit provided by the lab via TO-15 SIM</b>				
NY DMC	1,1,1-Trichloroethane	0.109	µg/m3	TO-15-SIM
NY DMC	1,1-Dichloroethene	0.079	µg/m3	TO-15-SIM
NY DMC	Carbon tetrachloride	0.126	µg/m3	TO-15-SIM
NY DMC	cis-1,2-Dichloroethene	0.079	µg/m3	TO-15-SIM
NY DMC	Tetrachloroethene	0.136	µg/m3	TO-15-SIM
NY DMC	Trichloroethene	0.107	µg/m3	TO-15-SIM
NY DMC	Vinyl chloride	0.051	µg/m3	TO-15-SIM

NY DMC - New York Decision Matrix Compound

SIM - Select Ion Monitoring

TIC - To be reported as a Tentatively Identified Compound

SVI - Soil Vapor Intrusion

µg/m3 - micrograms per cubic meter

TO-15 - EPA Method TO-15, Determination Of Volatile Organic Compounds

In Air Collected In Specially-Prepared Canisters And Analyzed By Gas

Chromatography/ Mass Spectrometry



# Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: \_\_\_\_\_ Site Code: \_\_\_\_\_ Operable Unit: \_\_\_\_\_

Building Code: \_\_\_\_\_ Building Name: \_\_\_\_\_

Address: \_\_\_\_\_ Apt/Suite No: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ County: \_\_\_\_\_

## Contact Information

Preparer's Name: \_\_\_\_\_ Phone No: \_\_\_\_\_

Preparer's Affiliation: \_\_\_\_\_ Company Code: \_\_\_\_\_

Purpose of Investigation: \_\_\_\_\_ Date of Inspection: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Affiliation:

Phone No: \_\_\_\_\_ Alt. Phone No: \_\_\_\_\_ Email: \_\_\_\_\_

Number of Occupants (total): \_\_\_\_\_ Number of Children: \_\_\_\_\_

☐ Occupant Interviewed? ☐ Owner Occupied? ☐ Owner Interviewed?

Owner Name (if different): \_\_\_\_\_ Owner Phone: \_\_\_\_\_

Owner Mailing Address: \_\_\_\_\_

## Building Details

Bldg Type (Res/Com/Ind/Mixed):  Bldg Size (S/M/L):

If Commercial or Industrial Facility, Select Operations:

If Residential Select Structure Type:

Number of Floors: \_\_\_\_\_ Approx. Year Construction: \_\_\_\_\_ ☐ Building Insulated? ☐ Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):

## Foundation Description

Foundation Type:  Foundation Depth (bgs): \_\_\_\_\_ Unit:

Foundation Floor Material:  Foundation Floor Thickness: \_\_\_\_\_ Unit:

Foundation Wall Material:  Foundation Wall Thickness: \_\_\_\_\_

☐ Floor penetrations? Describe Floor Penetrations: \_\_\_\_\_

☐ Wall penetrations? Describe Wall Penetrations: \_\_\_\_\_

Basement is:  Basement is:  ☐ Sumps/Drains? Water In Sump?:

Describe Foundation Condition (cracks, seepage, etc.) : \_\_\_\_\_

☐ Radon Mitigation System Installed? ☐ VOC Mitigation System Installed? ☐ Mitigation System On?

## Heating/Cooling/Ventilation Systems

Heating System:  Heat Fuel Type:  ☐ Central A/C Present?

## Vented Appliances

Water Heater Fuel Type:  Clothes Dryer Fuel Type:

Water Htr Vent Location:  Dryer Vent Location:



**Structure Sampling Questionnaire and Building Inventory**  
New York State Department of Environmental Conservation

**PRODUCT INVENTORY**

Building Name: \_\_\_\_\_ Bldg Code: \_\_\_\_\_ Date: \_\_\_\_\_

Bldg Address: \_\_\_\_\_ Apt/Suite No: \_\_\_\_\_

Bldg City/State/Zip: \_\_\_\_\_

Make and Model of PID: \_\_\_\_\_ Date of Calibration: \_\_\_\_\_

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
						<input type="checkbox"/>
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\* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

\*\* Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Product Inventory Complete? ☐ Were there any elevated PID readings taken on site? ☐ ☐ Products with COC?



# Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: \_\_\_\_\_ Site Code: \_\_\_\_\_ Operable Unit: \_\_\_\_\_

Building Code: \_\_\_\_\_ Building Name: \_\_\_\_\_

Address: \_\_\_\_\_ Apt/Suite No: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ County: \_\_\_\_\_

## Factors Affecting Indoor Air Quality

Frequency Basement/Lowest Level is Occupied?:  Floor Material:

☐ Inhabited? ☐ HVAC System On? ☐ Bathroom Exhaust Fan? ☐ Kitchen Exhaust Fan?

Alternate Heat Source:  ☐ Is there smoking in the building?

☐ Air Fresheners? Description/Location of Air Freshener: \_\_\_\_\_

☐ Cleaning Products Used Recently?: Description of Cleaning Products: \_\_\_\_\_

☐ Cosmetic Products Used Recently?: Description of Cosmetic Products: \_\_\_\_\_

☐ New Carpet or Furniture? Location of New Carpet/Furniture: \_\_\_\_\_

☐ Recent Dry Cleaning? Location of Recently Dry Cleaned Fabrics: \_\_\_\_\_

☐ Recent Painting/Staining? Location of New Painting: \_\_\_\_\_

☐ Solvent or Chemical Odors? Describe Odors (if any): \_\_\_\_\_

☐ Do Any Occupants Use Solvents At Work? If So, List Solvents Used: \_\_\_\_\_

☐ Recent Pesticide/Rodenticide? Description of Last Use: \_\_\_\_\_

Describe Any Household Activities (chemical use,/storage, unvented appliances, hobbies, etc.) That May Affect Indoor Air Quality:

☐ Any Prior Testing For Radon? If So, When?: \_\_\_\_\_

☐ Any Prior Testing For VOCs? If So, When?: \_\_\_\_\_

## Sampling Conditions

Weather Conditions:  Outdoor Temperature:  °F

Current Building Use:  Barometric Pressure:  in(hg)

Product Inventory Complete?  ☐ Building Questionnaire Completed?



# Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: \_\_\_\_\_ Address: \_\_\_\_\_

## Sampling Information

Sampler Name(s): \_\_\_\_\_ Sampler Company Code: \_\_\_\_\_

Sample Collection Date:  Date Samples Sent To Lab: \_\_\_\_\_

Sample Chain of Custody Number: \_\_\_\_\_ Outdoor Air Sample Location ID: \_\_\_\_\_

## SUMMA Canister Information

Sample ID:

Location Code:

Location Type:

Canister ID:

Regulator ID:

Matrix:

Sampling Method:

## Sampling Area Info

Slab Thickness (inches):

Sub-Slab Material:

Sub-Slab Moisture:

Seal Type:

Seal Adequate?: ☐ ☐ ☐ ☐ ☐

## Sample Times and Vacuum Readings

Sample Start Date/Time:

Vacuum Gauge Start:

Sample End Date/Time:

Vacuum Gauge End:

Sample Duration (hrs):

Vacuum Gauge Unit:

## Sample QA/QC Readings

Vapor Port Purge: ☐ ☐ ☐ ☐ ☐

Purge PID Reading:

Purge PID Unit:

Tracer Test Pass: ☐ ☐ ☐ ☐ ☐

Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM

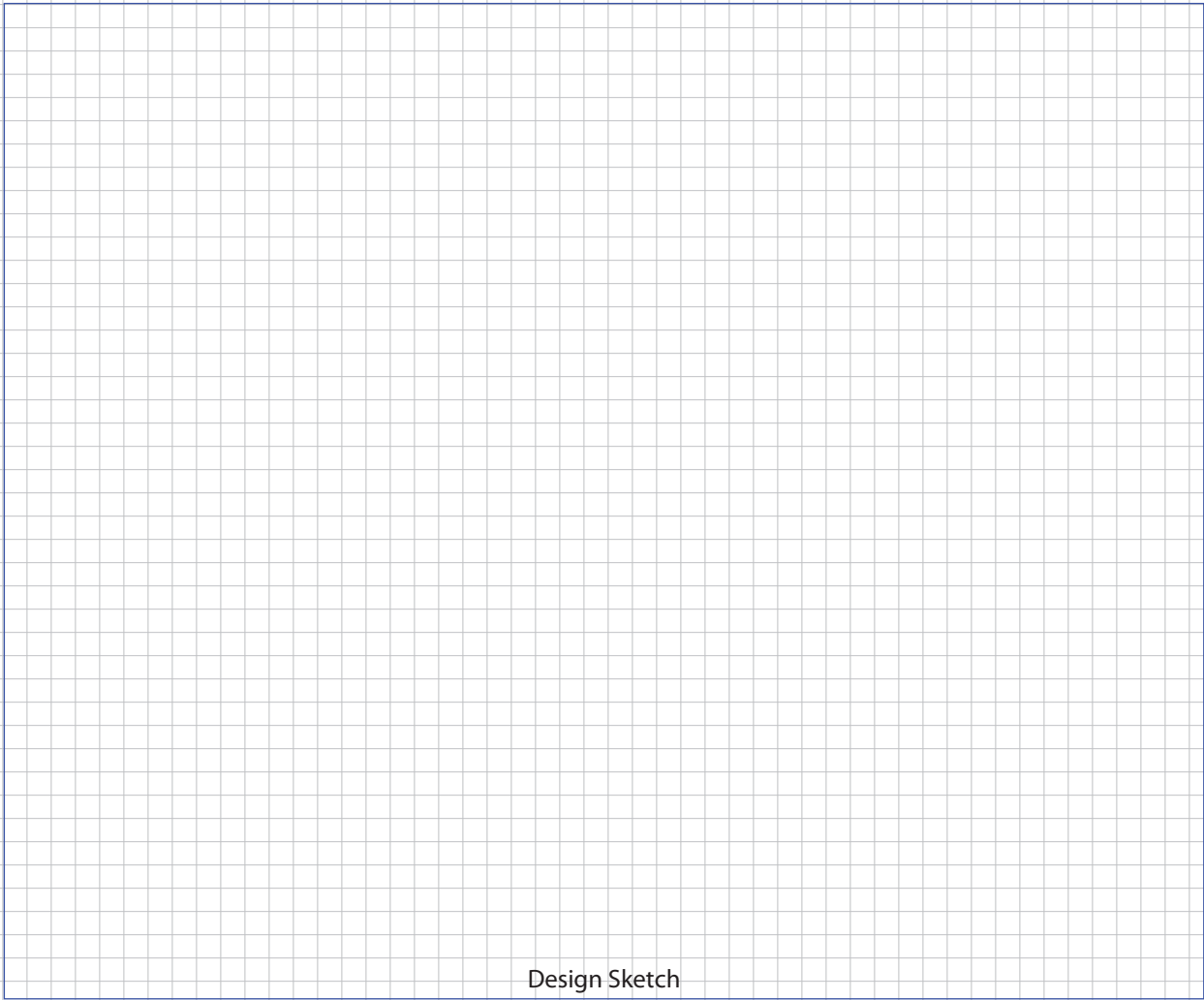


**Structure Sampling Questionnaire and Building Inventory**  
New York State Department of Environmental Conservation

**LOWEST BUILDING LEVEL LAYOUT SKETCH**

Please click the box with the blue border below to upload a sketch of the lowest building level .  
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

**Design Sketch Guidelines and Recommended Symbolology**

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
  - Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
  - Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
  - Identify the locations of the following features on the layout sketch, using the appropriate symbols:
- |               |                   |          |  |
|---------------|-------------------|----------|--|
| <b>B or F</b> | Boiler or Furnace | o        | Other floor or wall penetrations (label appropriately)               |
| <b>HW</b>     | Hot Water Heater  | xxxxxxx  | Perimeter Drains (draw inside or outside outer walls as appropriate) |
| <b>FP</b>     | Fireplaces        | #####    | Areas of broken-up concrete  |
| <b>WS</b>     | Wood Stoves       | ● SS-1   | Location & label of sub-slab samples                                 |
| <b>W/D</b>    | Washer / Dryer    | ● IA-1   | Location & label of indoor air samples                               |
| <b>S</b>      | Sumps             | ● OA-1   | Location & label of outdoor air samples                              |
| <b>@</b>      | Floor Drains      | ● PFET-1 | Location and label of any pressure field test holes.                 |



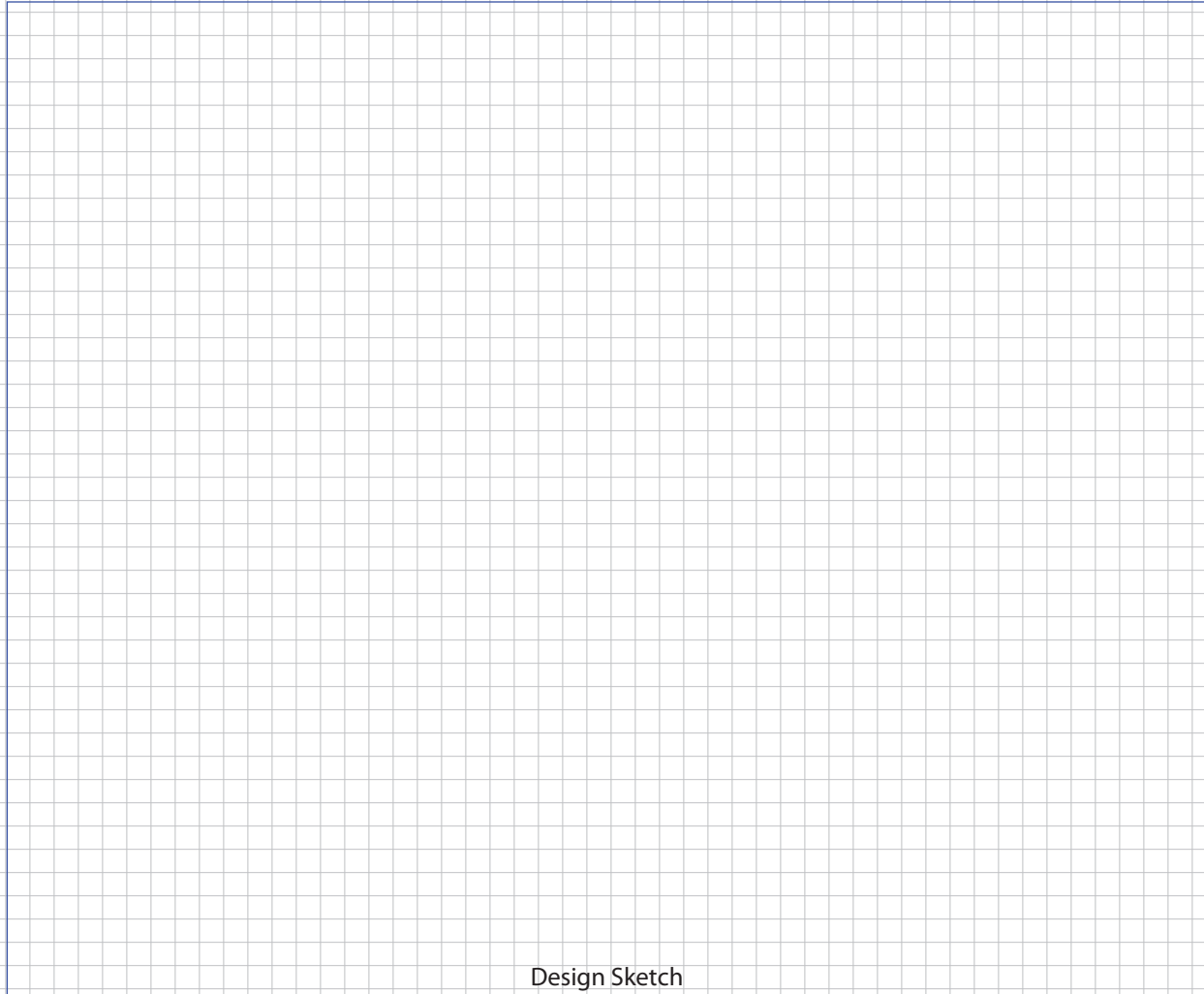
# Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

## FIRST FLOOR BUILDING LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the first floor of the building.  
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

### Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
  - Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
  - Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
  - Identify the locations of the following features on the layout sketch, using the appropriate symbols:
- |               |                   |          |  |
|---------------|-------------------|----------|--|
| <b>B or F</b> | Boiler or Furnace | o        | Other floor or wall penetrations (label appropriately)               |
| <b>HW</b>     | Hot Water Heater  | xxxxxxx  | Perimeter Drains (draw inside or outside outer walls as appropriate) |
| <b>FP</b>     | Fireplaces        | #####    | Areas of broken-up concrete  |
| <b>WS</b>     | Wood Stoves       | ● SS-1   | Location & label of sub-slab samples                                 |
| <b>W/D</b>    | Washer / Dryer    | ● IA-1   | Location & label of indoor air samples                               |
| <b>S</b>      | Sumps             | ● OA-1   | Location & label of outdoor air samples                              |
| <b>@</b>      | Floor Drains      | ● PFET-1 | Location and label of any pressure field test holes.                 |



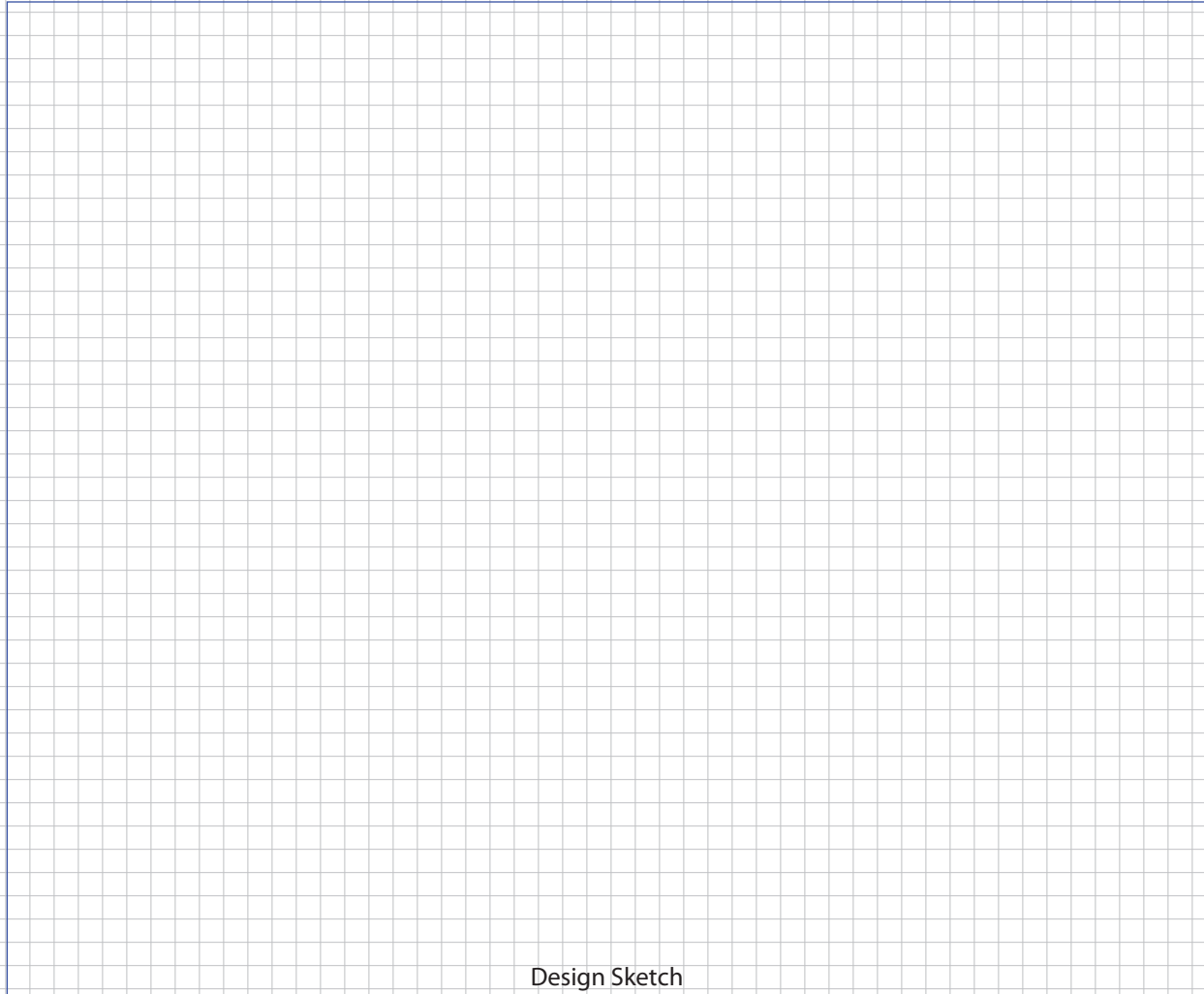
# Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

## OUTDOOR PLOT LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the outdoor plot of the building as well as the surrounding area. The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

### Design Sketch Guidelines and Recommended Symbolology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
  - Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
  - Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
  - Identify the locations of the following features on the layout sketch, using the appropriate symbols:
- |               |                   |          |  |
|---------------|-------------------|----------|--|
| <b>B or F</b> | Boiler or Furnace | o        | Other floor or wall penetrations (label appropriately)               |
| <b>HW</b>     | Hot Water Heater  | xxxxxxx  | Perimeter Drains (draw inside or outside outer walls as appropriate) |
| <b>FP</b>     | Fireplaces        | #####    | Areas of broken-up concrete  |
| <b>WS</b>     | Wood Stoves       | ● SS-1   | Location & label of sub-slab samples                                 |
| <b>W/D</b>    | Washer / Dryer    | ● IA-1   | Location & label of indoor air samples                               |
| <b>S</b>      | Sumps             | ● OA-1   | Location & label of outdoor air samples                              |
| <b>@</b>      | Floor Drains      | ● PFET-1 | Location and label of any pressure field test holes.                 |