

B

System Inspection Field Forms

VFW Post 2674

Inspection conducted

3:30 pm 10/14/08

By: C. Dusek Jr. URS Corp.

B.1

Structure Inspection Form

System Inspection Field Form
Soil Vapor Mitigation Systems, Endicott, NY

Watkins Glen,

STRUCTURE INSPECTION FORM

Routine or Non-Routine (circle one)

Address: VFW Post 2674 North Franklin Street Tracking Number: _____

Date of Inspection: 10/14/08

Date of Last Inspection: 11/1/07

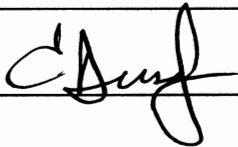
Have the following items changed since the last visit?

	No	Yes	If yes, explain...
Building Footprint	<u>No</u>	_____	_____
Basement/Slab Occupancy	<u>No</u>	_____	<u>No basement</u>
Heating/Ventilating Systems	<u>No</u>	_____	_____
Basement Finish	_____	_____	<u>No basement</u>
Crawlspace	_____	_____	<u>No crawlspace</u>
Drains, Sumps, <u>Floor Cracks</u>	<u>No</u>	_____	<u>No drains or Sumps</u>
Wall Penetrations, Cracks	<u>No</u>	_____	<u>No new wall penetrations or cracks</u>
Appliances (in basement)	_____	_____	<u>No basement - therefore no appliances</u>
Ownership	<u>No</u>	_____	_____
Siding	_____	<u>yes</u>	<u>North exterior wall covered with</u>

If any of these items have changed, a redesign may be required. $\sim \frac{3}{8}$ " thick siding - see photo
Contact the maintenance supervisor for field review.

Deviations/Comments

VFW had been closed for painting.
Pete came down to open up building.

Performed by:  Date: 10/14/08

B.2

Fan and Electrical Inspection Form

System Inspection Field Form
Soil Vapor Mitigation Systems, Endicott, NY
not kws 6 len
FAN AND ELECTRICAL INSPECTION FORM

Routine or Non-Routine (circle one)

Date of Inspection: 10/14/08

Address: VFW - North Franklin St Tracking Number: _____

Electric Meter Number: Last visit: not read Current visit: not read

Equipment Documentation

As Found		Manometer Reading (in. H ₂ O)	
Fan Model	SSD#	Prior	Current
	<u>1</u>		<u>2.3</u>
	<u>2</u>		<u>2.3</u>
	<u>3</u>		<u>2.3</u>

Note - see attached sketch for locations

As Left		Manometer Reading (in. H ₂ O)	
Fan Model	SSD#	Prior	Current

No Adjustments were made to system

As Found
Yes No

As Left
Yes No

N/A

System Re-commissioning

Is there a differential pressure shown in U-Tube manometer?

If yes, provide readings.

Was each fan shroud removed?

Is each fan mounted securely?

Are coupling connections secure?

Does each fan run when the switch is in the ON position?

Does each fan shut down when the switch is in the OFF position?

Is excessive noise heard when fan is running?

Does each fan induce suction when running?

Is switch ~~is~~ locked in the ON position?

X
All 3 gauges read 2.3

X

X

X

N/A

N/A

X

N/A

N/A

N/A

N/A

N/A

X

X

X

X

N/A

N/A

X

N/A

X

X

{ there is only one fan and it runs continuously

runs continuously no switch

Did not inspect

Electrical Check

Are Romex connections secure?

Is each junction box closed?

Are conduit properly supported?

Does each fan start when the switch is ON position?

Are any appliances affected by fan operation?

Does each fan stop when the switch is in OFF position?

Are mitigation system labels applied?

Are the correct labels applied in the proper locations?

Deviations/Comments

There is only ONE FAN AND IT RUNS CONTINUOUSLY - NO SWITCHES

Performed by: C. Dwyer Date: 10/14/08

*- All supports + pipes good -
 - No red lights on -
 - could hear fan running.*

B.3

Piping, Slab, and Wall Inspection Form

Watkins Glen

Routine or Non-Routine (circle one)

Date of Inspection: 10/14/08

Deviations/Comments	There have been NO SYSTEM MODIFICATIONS -
no cracks were observed in slab.	
no new penetrations in walls	
no smoke testings conducted	

* approved sealant shall be an odorless, non-toxic, non-flammable, environmentally safe product

B.4

Crawlspace Inspection Form

System Inspection Field Form
Soil Vapor Mitigation Systems, Endicott, NY
WALKER 6/12/08
CRAWLSPACE INSPECTION FORM

Routine or Non-Routine (circle one)

Address: VFW Post, N. Front St Tracking Number: _____

Date of Inspection: 10/14/08

Inaccessible Crawlspace	As Found*		As Left*	
	Crawlspace 1	Crawlspace 2	Crawlspace 1	Crawlspace 2
SSD#				
Crawlspace Volume	cf.	cf.	cf.	cf.
Suction Pipe Diameter	in.	in.	in.	in.
Manometer reading	in. WC	in. WC	in. WC	in. WC

Accessible Crawlspace	As Found*		As Left*	
	Crawlspace 1	Crawlspace 2	Crawlspace 1	Crawlspace 2
SSP#				
Smoke test each membrane				
Smoke entered seam				
Manometer reading >0.004"				

Deviations/Comments

No crawlspace. therefore
nothing to inspect

- * As-found conditions = before corrective action.
- * As-left conditions = after corrective action.

Performed by: *C. Dwyer* Date: *10/14/08*

C

Re-Commissioning Field Form

Re-Commissioning Field Form
Soil Vapor Mitigation Systems, Endicott, NY

TEST DATA AND BACKDRAFT

Watkins Glen

Routine ☒ Non-Routine (circle one)

Address: VFW Post N. Franklin St Tracking Number: _____

Inspection Date: 11/14/08

Manometer Reading at Fan Inlet

Prior Visit: _____ Date: _____
 As found: _____
 As left: _____

Manometer Reading at SSDs

SSD#	1	2	3	4	5	6	7	8
Manometer Reading (Prior)								
Manometer Reading (As Found)								
Manometer Reading (As Left)								

Valves and manometers installed at proper location? _____

Communication Test

Fan On	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8
Test point identifier								
Micromanometer Reading								
Distance to Closest SSP (ft)								
Smoke Test								

Fan Off	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8
Test point identifier								
Micromanometer Reading								
Distance to Closest SSP (ft)								
Smoke Test								

	As Found*		As Left*	
	Yes	No	Yes	No
All fans in operation?	_____	_____	_____	_____
Winter conditions simulated?	_____	_____	_____	_____
Each test point tested?	_____	_____	_____	_____
Each test point sealed after testing?	_____	_____	_____	_____
Vacuum <-0.004 observed at each test point?	_____	_____	_____	_____
Smoke entered each test point?	_____	_____	_____	_____
All valves set prior to re-commissioning comm. test?	_____	_____	_____	_____

	As Found		As Left	
	Yes	No	Yes	No
Backdraft Test				
Windows closed?	_____	_____	_____	_____
Venting appliances on?	_____	_____	_____	_____
Doors closed?	_____	_____	_____	_____
Combustion sources on?	_____	_____	_____	_____
Backdraft?	_____	_____	_____	_____
Hot water heater?	_____	_____	_____	_____
Furnace/Boiler?	_____	_____	_____	_____
Fireplace?	_____	_____	_____	_____
Dryer?	_____	_____	_____	_____
Owner notified of existing backdraft condition?	_____	_____	_____	_____
Was a previous backdraft condition present during any previous visit?	_____	_____	_____	_____

	As Left	
	Yes	No
Redline Drawing		
Piping redlines complete?	_____	_____
Each switch and electrical tie in are identified?	_____	_____
Cracks/penetrations are identified?	_____	_____
As-built notes are complete?	_____	_____
New ventilation devices identified?	_____	_____

Deviations/Comments

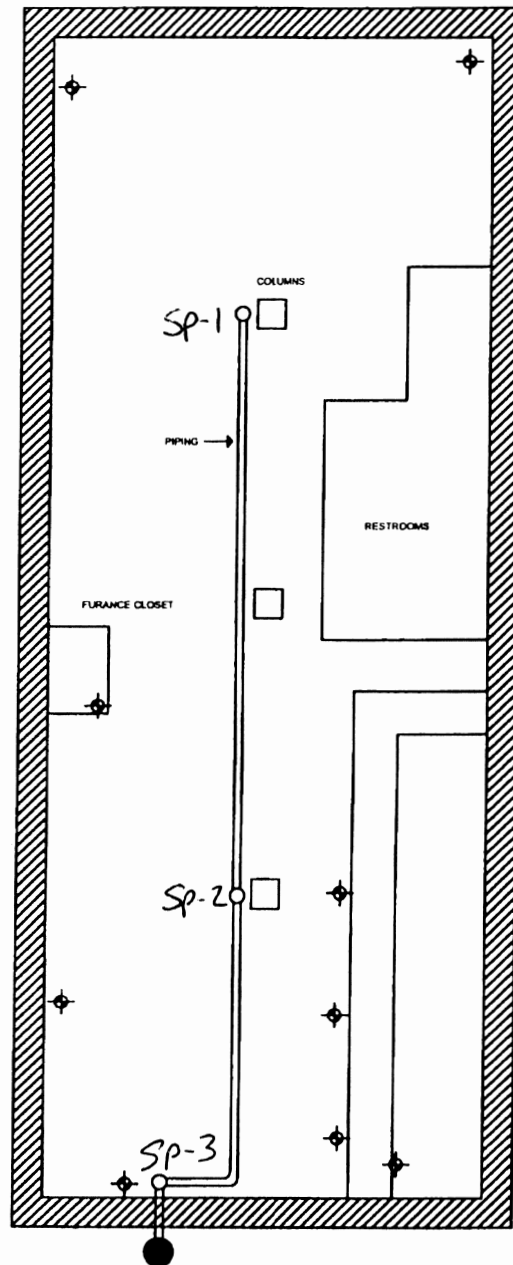
_____ *No corrective actions were necessary* _____

_____ *therefore there has been no need* _____

_____ *to re-commission* _____

- * As-found conditions = before corrective action.
- * As-left conditions = after corrective action.

Performed by: *CD* Date: *10/14/08*



LEGEND

- EXTRACTION POINT
- BLOWER, HP 220
- ✦ COMMUNICATION TEST POINT

GeoLogic

GeoLogic NY, Inc.

FLOOR PLAN
V F W
30 NORTH STREET
WATKINS GLENN, NY

DR. BY: JAM	SCALE: NTS	PROJ. NO: 9505004d
REVD BY:	DATE: JUNE 2006	DRWG. NO: 1

North Franklin Street – VFW Post 2674 Sub-Slab Depressurization System Inspection



- 1. New siding on north side of VFW building.**

North Franklin Street – VFW Post 2674 Sub-Slab Depressurization System Inspection



2. Photograph of suction point #1 magnehelic gauge.

North Franklin Street – VFW Post 2674 Sub-Slab Depressurization System Inspection



3. Photograph of suction point #2 magnehelic gauge.

North Franklin Street – VFW Post 2674 Sub-Slab Depressurization System Inspection



4. Photograph of suction point #3 magnehelic gauge.

North Franklin Street – VFW Post 2674 Sub-Slab Depressurization System Inspection



5. Photograph of suction fan and vent pipe. All fasteners re holding vent pipe securely to the wall..

North Franklin Street – VFW Post 2674 Sub-Slab Depressurization System Inspection



6. Close up of suction fan, vent pipe and fasteners.

North Franklin Street – VFW Post 2674 Sub-Slab Depressurization System Inspection



7. Close up of vent pipe and fasteners.

North Franklin Street – VFW Post 2674 Sub-Slab Depressurization System Inspection



8. Close up of top of vent pipe, and fasteners.