



October 1, 2007

Mr. David J. Chiusano, Project Manager  
New York State Department of Environmental Conservation  
Division of Environmental Remediation  
625 Broadway  
12th Floor  
Albany, New York 12233-7013

**RE: NYSDEC Standby Contract  
Site Management # D004440-25  
North Franklin Street Site, Site No. 8-49-002  
Site Inspection Letter Report - August 2007**

Dear Mr. Chiusano:

URS Corporation (URS) has completed a site inspection of the sub-slab depressurization (SSD) systems currently in operation at the Veterans of Foreign Wars (VFW) Post 2674 and the Seneca Market building at the above-referenced site. This work was performed in accordance with the Project Management Work Plan (PMWP)/Budget Estimate (URS, July 2006), with the following exceptions. In an e-mail dated January 2, 2007, the Department and the New York State Department of Health (NYSDOH) have indicated to URS that no further air sampling was required for either of the SSD systems and that site inspections could be performed every 12-18 months as opposed to the every 6 months as originally indicated in the PMWP/Budget Estimate (URS, July 2006).

The site inspection consisted of performing system checks to ensure that the system is operating properly which included an inspection of the magnehelic gauges, system plumbing, the SSD fans and vent stacks. URS personnel conducted the site inspection on August 15, 2007. Documentation of the site inspection activities is provided on the Daily Construction Report in Attachment 1.

#### VFW Inspection

URS's inspection of the VFW SSD system revealed that it was working properly. The magnehelic gauge readings from Suction Points #1, #2, and #3 were 0.0, 1.8, and 2.3 inches of water respectively. An inspection of the SSD fan indicated that it was operating properly, the sampling port was closed and the moisture by-pass tube was still attached above the fan. The vent stack appeared to be in good condition. Inspection details are provided in Attachment 1. A photographic log is provided in Attachment 2.

Although the magnehelic gauge reading from Suction Point #1 was 0.0 inches of water, the remaining two suction points indicated a vacuum, which indicates that the system fan is working. Vacuum testing performed after the installation of the SSD system indicated that Suction Point #1 had an influence beneath the northern half the build floor even though it had a lower vacuum reading on the magnehelic gauge when compared to Suction Points #2 and #3.

#### Seneca Market Inspection

URS's inspection of the Seneca Market SSD system revealed that it was working properly. The magnehelic gauge readings from Suction Points #1 and #2 were 1.2 and 1.2 inches of water, respectively.

URS Corporation  
77 Goodell Street  
Buffalo, NY 14203  
Tel: 716.856.5636  
Fax: 716.856.2545

An inspection of the SSD fan indicated that it was operating properly, the sampling port was closed and the moisture by-pass tube was still attached above the fan. The vent stack appeared to be in good condition. Inspection details are provided in Attachment 1. A photographic log is provided in Attachment 2.

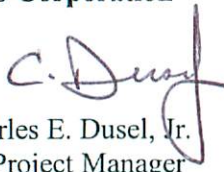
#### SSD System Labels

At the request of the Department, URS produced an information label and system checklist for each of the SSD systems. The information labels and system checklists were sent to the Department prior to the issuance of this letter report on September 13, 2007. A copy of the information labels and system checklists sent to the Department are provided in Attachment 3.

Should you have any questions or comments, please do not hesitate to contact me at 716-856-5636.

Sincerely,

**URS Corporation**



Charles E. Dusel, Jr.  
Sr. Project Manager

Attachments

cc: 11174984 C-1

**ATTACHMENT 1**

**DAILY CONSTRUCTION REPORT**

# URS Corporation

77 Goodell Street  
Buffalo, New York 14203  
Telephone: (716)-856-5636  
Fax: (716)-856-2545

DATE 8/15/2007

DAY 

S	M	T	W	TH	F	S
			X			

## DAILY CONSTRUCTION REPORT

PROJECT: North Franklin Street Site-Site Management  
CONTRACTOR URS-Buffalo  
URS JOB No. 11174721  
URS PROJECT MANAGER: Chuck Dusel

WEATHER	Bright Sun	Clear X	Overcast	Rain	Snow
TEMP	To 32	32-50	50-70	70-85 X	85 and up
WIND	Still	Moder X	High	Report No.  1	
HUMIDITY	Dry	Moder X	Humid		

### AVERAGE FIELD FORCE

Name of Contractor	Non-manual	Manual	Remarks

### VISITORS

Time	Name	Representing	Remarks
10:50	David Chiusano	NYSDEC	

### EQUIPMENT AT THE SITE:

### CONSTRUCTION ACTIVITIES:

10:30 C.D. arrives in Watkins Glen to perform inspection of SSD systems installed in the VFW Post and Seneca Market Building.  
C.D. meets up with D.C. - NYSDEC Project Manager and go to VFW to inspect SSD system.  
At VFW, C.D. and D.C. meet with Pete Simpson who opens up the VFW. Record readings from magnehelics gauges,  
#1 = 0 inches of water, #2 = 1.8 inches of water and #3 = 2.3 inches of water. Inside the VFW building, the fan could be heard  
running only at point #3. Inspection performed outside of the building, the fan is operating properly, sample port closed and  
moisture tube was still attached. Pictures were taken of system. Pete requests that any future visits to site be performed after  
2.00 pm when VFW is open and that any mail be sent to 30 North Franklin Street, Watkins Glen, NY, 14891.  
11:15 C.D. and D.C. go to Seneca Market building to inspect SSD system.  
Staff at Seneca Market allow access to back room for system inspection. Record readings from magnehelic gauges,  
#1 = 1.2 inches of water and #2 = 1.2 inches of water.  
Went out on roof and inspect outside of the building, the fan is operating properly, sample port closed and moisture tube was still  
attached. Pictures were taken of system.  
D.C. would like system information checklists/ labels made up and attached to each SSD system.  
Site inspection dates will be recorded on labels. D.C. will send an example.

SHEET 1 OF 1

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backside of page

BY: Chuck Dusel  
REVIEWED BY: Scott McCabe

Title: Project Manager  
Title: Sr. Geologist

**ATTACHMENT 2**

**PHOTOGRAPHIC LOG**



## NORTH FRANKLIN STREET SITE MANAGEMENT

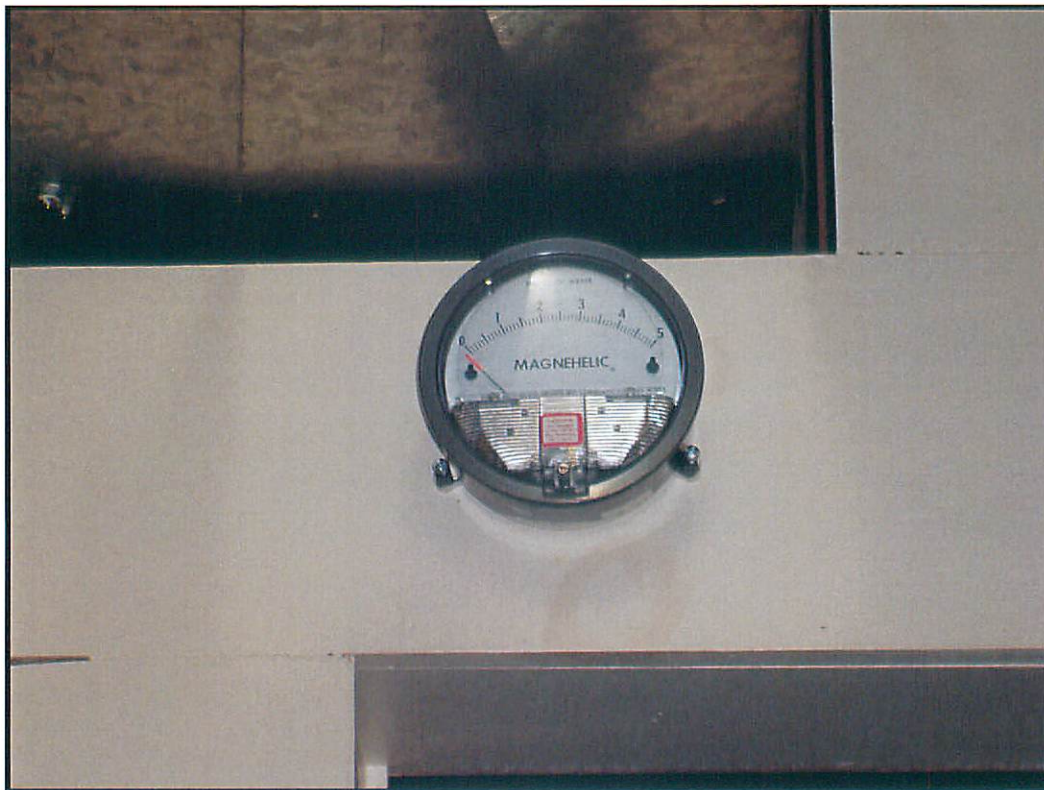


Photo 1: VFW suction point #1 magnahelic.

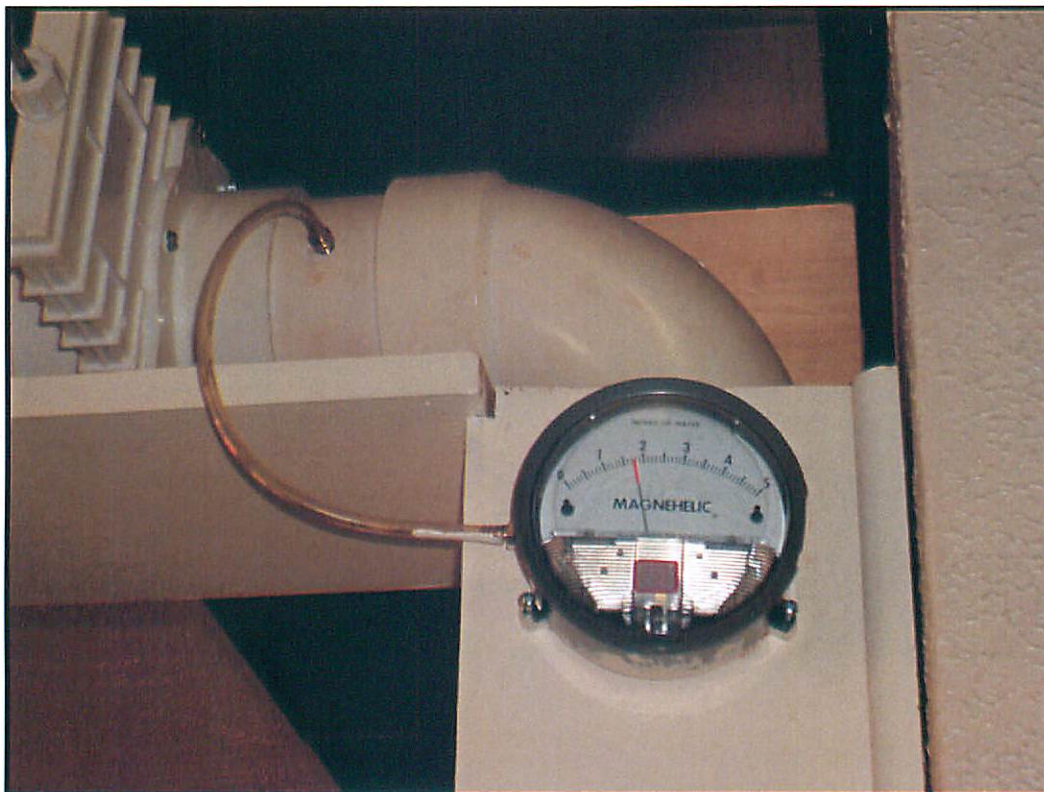


Photo 2: VFW suction point #2 magnahelic.

## NORTH FRANKLIN STREET SITE MANAGEMENT



Photo 3: VFW suction point #3 magnahelic.



Photo 4: VFW suction point #3, magnahelic, and indicator light.



## NORTH FRANKLIN STREET SITE MANAGEMENT



Photo 5: VFW SSD system fan.

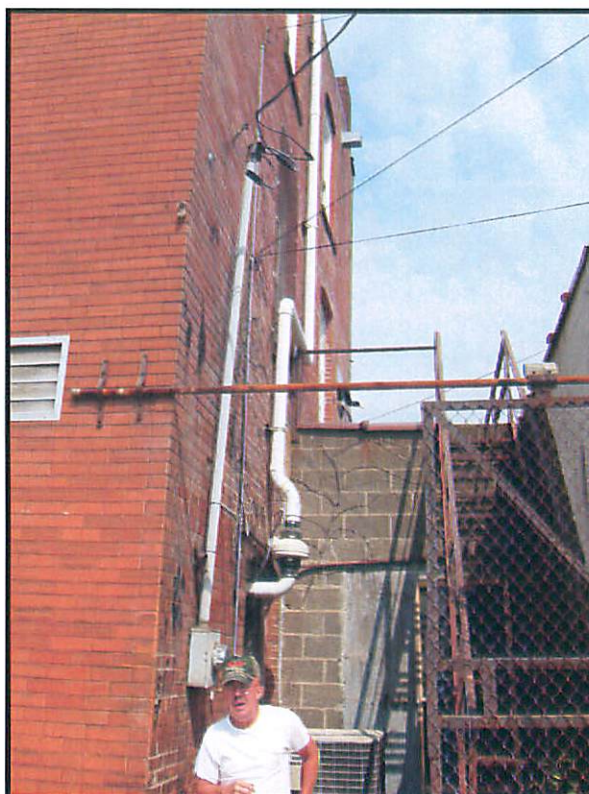


Photo 6: VFW SSD system fan and vent stack.



## NORTH FRANKLIN STREET SITE MANAGEMENT



Photo 7: Seneca Market suction point #1 and #2 magnahelics.



Photo 8: Seneca Market suction point #1, magnahelics, and indicator light.

## NORTH FRANKLIN STREET SITE MANAGEMENT



Photo 9: Seneca Market SSD system fan.



Photo 10: Seneca Market SSD system fan  
and vent stack.

**ATTACHMENT 3**

**INFORMATION LABELS AND SYSTEM CHECKLISTS**





## ATTENTION

Soil vapor mitigation system in operation. Do not alter or disconnect. This monitor measures differential pressure or vacuum provided by the system.

This is a component of the soil vapor mitigation system. **If all gauges are at zero, or, if for any other reason, you believe that the system is not working properly, call:**

**New York State Department of  
Environmental Conservation  
Toll-Free at:**

**1-888-459-8667**

for service or inspection.

Date

Date of Installation.....

Date of Maintenance/Re-Inspection.....

Date of Maintenance/Re-Inspection.....

Date of Maintenance/Re-Inspection.....

Date of Maintenance/Re-Inspection.....

## Vapor Mitigation System Checklist For Property Owners

The mitigation system equipment installed on your property is normally very reliable. Regularly checking the general system operations will assist us in providing proper service and maintenance.

Conditions under which NYSDEC/NYSDOH/URS should be contacted:

- **The exhaust fan is not operating.** The system is expected to operate on a continuous basis. The fan should be checked for operation after any power outage or electrical shutdown.
- **The system is not properly functioning.** If both vacuum gauges read zero. If the system is not operating properly, the red light will go on.
- **New cracks have developed in the concrete floor.**
- **New construction or structural change is going to occur.**
- **A new combustion appliance (furnace, natural gas hot water tank, etc.) or exhaust system is going to be installed in the building.**
- **If the red indicator light is on.**
- **If the dedicated circuit breaker is tripped.**
- **The property is sold.**

If any of these conditions occur, please call any of the numbers listed below:

**IOM&M Contractor:** Chuck Dusel (URS) 716-856-5636

**NYSDEC:** David Chiusano 518-402-9813

**NYSDOH:** Mark Sergott 518-402-7860





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- **The exhaust fan is not operating.** The system is expected to operate on a continuous basis. The fan should be checked for operation after any power outage or electrical shutdown.
- **The system is not properly functioning.** If all three vacuum gauges read zero. If the system is not operating properly, the red light will go on. Please note that one of the gauges typically reads near or at zero (this is normal for this system).
- **New cracks have developed in the floor.**
- **New construction or structural change is going to occur.**
- **A new combustion appliance (furnace, natural gas hot water tank, etc.) or exhaust system is going to be installed in the building.**
- **If the red indicator light is on.**
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