# ecology and environment engineering, p.c.

International Specialists in the Environment

BUFFALO CORPORATE CENTER 368 Pleasant View Drive Lancaster, New York 14086 Tel: (716) 684-8060, Fax: (716) 684-0844

October 19, 2010

Mr. Ben Rung, Project Manager New York State Department of Environmental Conservation Division of Environmental Remediation Remedial Bureau E 625 Broadway Albany, New York 12233-7016

Re: Soil Vapor Extraction System Installation Close-out Report

Former Bright Outdoors Site, 631 Field Street, Johnson City, New York

(NYSDEC Site No. 7-04-023)

Dear Mr. Rung:

This report summarizes the activities completed to install three soil vapor extraction (SVE) systems and associated construction at the former Bright Outdoors Site, as described in the scope of work (SOW) prepared by Ecology and Environment Engineering, P.C. (EEEPC). The work was performed by the standby remedial contractor OP-TECH Environmental Services, Inc. (OP-TECH) under a New York State Department of Environmental Conservation (NYSDEC) standby remedial contract.

Based on analytical information obtained during past groundwater well sampling efforts and subslab air testing in the facility's warehouse and office building, it was determined that 1,1,1trichloroethane (TCA) and tricloroethene (TCE) are contaminants of concern in the rear warehouse facility on the north side of the former Bright Outdoors property. The installation of a soil vapor extraction system (SVE) was the selected remedial action for the warehouse facility.

Installation work commenced on April 19, 2010, and continued through May 13, 2010. The SVE systems were started up and tested for sufficient back pressure on May 18, 2010. Three SVE units and two vapor monitoring points were installed in the steel-framed, concrete-block-walled warehouse on the north side of the property. SVE units consisted of subsurface polyvinyl chloride (PVC) piping; slide gate valves; manometers; and RadonAway fans, each with an insulated condensate bypass, PVC pipe stack, and vent cap. Prior to installation, selected areas of the concrete floor were removed so that subsurface piping could be installed, as was a concrete trench drain that ran about 60 feet long through the middle of the warehouse building. A minimal amount of soil was removed under the northern end of the trench drain due to potential contamination and because the effluent discharge pipe at that location was plugged and capped. Detailed descriptions of activities are presented in EEEPC's Daily Observation Reports (see Attachment A). Record Drawings were prepared and revised by OP-TECH (see Attachment B). A submittal log, including dates submittals were received from the contractor, action taken, and comments or remarks, is included as Attachment C.

The contractor's final close-out report, including revisions and re-submittals, is presented as Attachment D. In addition to the submittals described in the sections below, the contractor's final close-out report includes the contractor's daily reports, product warranties, SVE baseline analytical results, and inspection and certification from the Underwriters Laboratory (UL) for new electrical equipment and connections.

#### **Compaction Test Results**

CME Associates, Inc., visited the site on May 6, 2010, to perform compaction testing by ASTM Method D6938-08A. The SOW specified compaction of all areas of granular materials with a minimum of 95% compaction using ASTM Method D1557, Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort. A summary of the actual compaction achieved is presented in the Table 1. A figure identifying the sample locations is included in Attachment D.

Table 1 Compaction Test Locations and Compaction Achieved

Compaction Test Location	Compaction Achieved (%) (Compaction Required 95%)
Main trench, north end	97.0
Main trench, center	98.1
Main trench, south end	100.0
Pipe trench, central	99.4
Pipe trench, northern	94.9
Pipe trench, southern	95.2

#### **Concrete Compressive Strength Results**

CME Associates, Inc., visited the site on May 7, 2010, to collect concrete specimens for compressive strength testing. The SOW specified that the concrete mix used in replacing the floor would need to achieve a compressive strength of 4,000 psi in 28 days. The concrete did not achieve the desired compressive strength in 28 days (see Table 2).

Table 2 Concrete Compressive Strength Results

Test Date	Test Age (days)	Compressive Strength (psi)
5/14/10	7	3,060
6/04/10	28	3,780
6/04/10	28	3,950
7/02/10	56	4,290

Strength testing results, as reported by CME Associates, are included in Attachment D for the 7-day test and were re-submitted for the 28- and 56-day test results.

#### **Commissioning Testing Results**

On May 18, 2010, the three SVE systems were started, and the differential pressure beneath the slab was then measured at seven soil vapor monitoring points to assess the ability of the system to depressurize the area beneath the slab. The differential pressure was measured with a micro-

manometer, and the results are shown in Table 3. Micromanometer results are included in Attachment D. The SOW specifies a required vacuum level of 1 Pascal, or 0.004 inch of water column, at each vapor monitoring point. The vacuum levels at vapor monitoring points SS-101 and SS-102 were below the required level. Inspection of the sub-slab revealed that the perimeter of the floor that meets at the interior face of the exterior wall contained an expansion joint that was not sealed. This allowed air to enter below the slab, resulting in lower pressure readings during the commissioning tests. The contractor sealed the exposed expansion joints to the extent practicable. Vapor point SS-102 was then re-sampled and the pressure was above the required differential pressure level.

Table 3 Differential Pressure at Soil Vapor Monitoring Points

Vapor Monitoring Point	Differential Pressure (inches of water column)
SS-101	0.003
SS-102	0.002 (0.017 after additional sealing)
SS-103	0.004
SS-104	0.006
SS-105	0.010
SS-106	0.009
SS-107	0.384

Pressure achieved within the SVE sub-slab piping, just below the slide gate valve for each SVE system, was measured by u-tube manometers mounted just above each slide gate valve on the piping inside of the warehouse. Manometer readings were taken for each of the SVE systems, and the results are presented in Table 4.

Table 4 Differential Pressure for Each SVE System

SVE System	Differential Pressure (inches of water column)
Northern	2.2
Central	2.1
Southern	2.3

## **Waste Characterization Analytical Results**

On April 27, 2010, one composite soil sample was collected to characterize the excavated soils from beneath the excavated trench drain for disposal. Toxicity Characteristic Leaching Procedures (TCLP) were performed for metals, pesticides, herbicides, semi-volatile organics, and volatile organics, and the flashpoint was determined. The Table 5 summarizes the positive results above the detection limits.

Table 5 TCLP Positive Analytical Results

Analyte	Concentration	Regulatory Limit
Trichloroethene	31.3 μg/L	500 μg/L
Barium	0.612 mg/L	100 mg/L

Key:

 $\mu g/L$  = Micrograms per liter.

mg/L = Milligrams per liter.

### **Waste Streams and Disposal Methods Summary**

Impacted soil and concrete were disposed of at the Broome County Municipal Landfill (see Table 6.

**Table 6 Waste Disposal Summary** 

Date Re- moved from Site	Waste: Hazard- ous/ Non-Hazardous	Description	Quantity (tons)	Designated Facility
4/22/10	Non-Hazardous	Concrete Debris	9.26	Broome County Landfill,
4/27/10	Non-Hazardous	Concrete Debris	16.93	Binghamton, New York
5/18/10	Non-Hazardous	Soil	10.04	

Waste characterization analytical results and waste manifests are included in Attachment D.

If you have any questions or comment regarding this report, please contact me at (716) 684-0844.

Very Truly Yours,

ECOLOGY AND ENVIRONMENT ENGINEERING, P.C.

Michael G. Steffan Project Manager

Michael J. Steffan

Attachments:

A: EEEPC Daily Observation ReportsB: OP-TECH's Record Drawings

C: Submittal Log

D: OP-TECH's Final Close-out Report and Submittals

cc: Bright Outdoors Project Folder

CTF-002700.DC.21.04

Report No. 1	E & E Project File	: <u>002700.DC21</u>	Date: <u>April 19, 2010</u>
NYSDEC		Temperature: (F)	35 °F (am) 56 °F (pm)
Division of Environmental Remediation	n	Wind Direction:	NNW (am) NW (pm)
Bright Outdoors site	••		
NYSDEC Site No. 7-04-023		Weather:	(am) partly cloudy
Subslab Mitigation Installations			(pm) partly cloudy
Johnson City, New York		Arrive at site	0755
		Leave site:	1640
HEALTH & SAFETY:			
Are there any changes to the Health & Safety Plat (If yes, list the deviation under items for concern)	n?	Yes ()	No (x)
Are monitoring results at acceptable levels?	Soils	Yes ( ) n/a (x)	* No ( )
	Waters Air	Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No()
	All		provide comments
OTHER ITEMS:			
Site Sketch Attached:		Yes ( ) No	( x )
Photos Taken:		Yes (x) No	( )
DESCRIPTION OF DAILY WORK PERFORMED	):		
AM - Pre-construction meeting held with OP-TE		EEEPC site rep. C	P-TECH coordinated with
Kurt Faukenburg to have existing equipment and	d materials moved f	rom the warehous	e floor where construction
is to occur. Contractor laid out and began saw-c	utting the concrete	floor for the south	ern most fan system.
OP-TECH was shown the electrical panel to be	used to energize the	e soil vapor extrac	tion equipment.
·		•	
PM – Contractor remobilized after upgrading to a	a larger saw. Contra	actor laid out the c	uts for the middle fan system,
for the trench drain, and for the northern most fa	ın system. Contract	or removed all but	one stuck floor drain cover
and placed in a pile for the owner. Contractor loc	cked the building ar	nd the gate and de	mobilized from the site.
OP-TECH left site at 16:45 hrs.			
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:		Description:
NA	NA	_	NA
		_	
		-	

Report No. 1 Date: April 19, 2010

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:
Personnel: Mike Harders – Site Supervisor Hours On-site: 8
Mark Husick – Laborer Hours On-site: 8
Equipment: (1) Stow concrete saw cutter
1 – Active Equipment
VISITORS TO SITE:
Kurt Faukenburg (Owner's employee/electrician)
PROJECT SCHEDULE ISSUES:
EEEPC needs product submittals to review and approve before OP-TECH can order materials. Submittals
expected to be provided by OP-TECH to EEEPC by the COB.
PROJECT BUDGET ISSUES:
None.
ITEMS OF CONCERN:
Delays in the receipt of shop drawings by OP-TECH for review by EEEPC.
COMMENTS.
COMMENTS:
Ms. Moxley met with Mr. Faukenburg (Samscreen) in the morning and received keys to the access gate and
warehouse. The keys were passed on to OP-TECH (Mr. Harders) when they arrived.
ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)
Sketch Attached: Yes ( ) No (x)
Photos Taken: Yes (x) No ( ) Photo log attached.
SITE REPRESENTATIVE: Rachael Moxley, Site Representative, EEEPC
Name: (signature) Rachael Morley
U

B. Rung - NYSDEC cc: project file

M. Steffan – E & E Buffalo

D. Miller – E & E Buffalo

Report No. 1 Date: April 19, 2010



Figure 1: Cut concrete for southern most fan system (Looking west AM)



Figure 2: Lay out of concrete to be cut and neatly moved equipment (Looking North PM)

Report No. 1 Date: April 19, 2010



Figure 3: Lay out of concrete to be cut (Looking South PM)

Report No. 2	E & E Project File:	002700.DC21	Date: April 20, 2010
NYSDEC	1	Геmperature: (F)	37 °F (am) 63 °F (pm)
Division of Environmental Remediati	on	Wind Direction:	NW (am) NE (pm)
Bright Outdoors site	OII	-	
NYSDEC Site No. 7-04-023		Weather:	(am) clear
Subslab Mitigation Installations		_	(pm) partly cloudy
Johnson City, New York		Arrive at site	0800
		Leave site:	1600
HEALTH & SAFETY:			
Are there any changes to the Health & Safety P (If yes, list the deviation under items for concern		Yes (x)	No ( )
Are monitoring results at acceptable levels?		Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No()
	Air	Yes ( ) n/a (x)	* No() rovide comments
OTHER ITEMS:		• 11 NO, P	ovide comments
Site Sketch Attached:		Yes ( ) No	( x )
Photos Taken:		Yes(x) No	( )
AM – Health and Safety discussion held by Officer.		ontractor continue	d to saw-cut the concrete
PM – Contractor continued to saw-cut the con-	crete floor including re	elief cuts perpendi	cular to the outline laid out to
make removal easier. Contractor locked the bo	uilding and the gate a	nd demobilized fro	m the site.
OP-TECH left site at 16:00 hrs.			
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:		Description:
NA	NA		NA

Report No. 2 Date: April 20, 2010

CONTRACTO	DR/SUBCONTRACTOR EQUIPMENT AND PERSONNEI	L ON SITE:
Personnel:	Mike Harders – Site Supervisor, Site Safety Officer	Hours On-site: 8
	Mark Husick – Laborer	Hours On-site: 8
Equipment:	(1) Stow saw cutter <sup>1</sup>	
1 – Active Equi	oment	
VISITORS TO	) SITE:	
Ben Rung (N	YSDEC Project Manager)	
PROJECT S	CHEDULE ISSUES:	
Product subm	nittals received by EEEPC.	
PROJECT B	UDGET ISSUES:	
None.		
ITEM 05 0		
ITEMS OF C		.,
	re deemed unnecessary by Mr. Harders. No carbon dioxid	
	owered saw-cutter. There was ventilation from the large o	pen garage door on the west side of the
warehouse.		
COMMENTS	:	
None.		
ATT 4 OU 184 EN	IT(0) TO THIS DEPORT. (Call on low constant labors	
	NT(S) TO THIS REPORT: (field orders, proposed chang	ge orders, photo log, sketches)
	ned: Yes ( ) No (x)	
Photos Taker	n: Yes (x) No ( ) Photo log attached.	
SITE REPRE	SENTATIVE: Rachael Moxley, Site Represent	ative, EEEPC
Name: (signa	ture) Rachael Moxley	
	U	

cc: project file B. Rung - NYSDEC

M. Steffan – E & E Buffalo D. Miller – E & E Buffalo

Report No. 2 Date: April 20, 2010



Figure 1: View of saw-cut concrete along trench (Looking East AM)



Figure 2: View of saw-cut concrete near wall for middle fan system (Looking West PM)

Report No. 2 Date: April 20, 2010



Figure 3: View of relief cuts in concrete (typical) for southern fan system (Looking West PM)

Report No. 3	E & E Project F	ïle: <u>002700.DC21</u>	Date: _April 21, 2010
NYSDEC		Temperature: (F)	43 °F (am) 66 °F (pm)
Division of Environmental	Remediation	Wind Direction:	SW (am) W (pm)
Bright Outdoors site	Tromodiumon	Weather:	(am) partly cloudy
NYSDEC Site No. 7-04-023		weather.	, , , , , ,
Subslab Mitigation Installation	ons		(pm) partly cloudy
Johnson City, New York		Arrive at site	0800
		Leave site:	1645
HEALTH & SAFETY:			
Are there any changes to the Hea (If yes, list the deviation under item		Yes ()	No (x)
Are monitoring results at acceptab		Yes (x) n/a ( )	* No()
	Waters Air	Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No()
	All	` , ` , ,	rovide comments
OTHER ITEMS:			
Site Sketch Attached:		Yes (x) No	( )
Photos Taken:		Yes (x) No	( )
DESCRIPTION OF DAILY WORK	( PERFORMED:		
AM – Health and Safety discuss		Contractor began o	concrete removal for the
southern fan system. Concrete w	· · · · · · · · · · · · · · · · · · ·		
soil surface after concrete remov	·		
Soil surface after concrete remov	rai with a Fib, no positive hits we	ere rouria.	
PM – Contractor continued to bre	eak up and load concrete into the	e roll-off for the north	nern fan system.
PID readings below concrete we			_
After some problems starting the		•	-
Contractor began jackhammering			_
Contractor locked the building ar	<del>-</del>		
Offitiación locked the building ar	a the gate and demosnized non	Tille site. Of TEOH	1011 3110 at 10.43 1113.
SAMPLING (Soil/Water/Air):	E & E Sample	<b>e</b>	Description:
Contractor Sample ID:	ID:		- -
NA	NA		NA
-			<del></del>

Report No. 3 Date: April 21, 2010

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:
Personnel: Mike Harders – Site Supervisor, Site Safety Officer Hours On-site: 9
Mark Husick – Laborer Hours On-site: 9
Equipment: (1) jack hammer <sup>1</sup>
(1) Kubota KX41-2V mini-excavator <sup>1</sup>
(1) CASE 70XT skid steer <sup>1</sup>
1 – Active Equipment
VISITORS TO SITE:
John Okesson (NYSDEC)
DDG IFOT COUEDUI F ICOUEG.
PROJECT SCHEDULE ISSUES:
None.
PROJECT BUDGET ISSUES:
None.
ITEMS OF CONCERN:
No air monitoring is being implemented for respirable dust or carbon monoxide. Ventilation relies solely on the
large open roll-up garage door. Contractor has been asked and has agreed to improve ventilation, suppress dust
from the larger jackhammer with water, and implement air monitoring.
COMMENTS:
None.
ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)
Sketch Attached: Yes (x) No ( )
Photos Taken: Yes (x) No ( ) Photo Log attached.
SITE REPRESENTATIVE: Rachael Moxley, Site Representative, EEEPC
Name: (signature)

cc: project file

B. Rung - NYSDEC M. Steffan – E & E Buffalo D. Miller – E & E Buffalo

Report No. 3 Date: April 21, 2010



Figure 1: View of concrete being broken up for removal (Looking South AM)



Figure 2: View of concrete removal and plastic discovered under concrete; spots caused by dust on camera lens (Looking Southwest AM)

Report No. 3 Date: April 21, 2010



Figure 3: Concrete removed at southern-most fan system (Looking West PM)



Figure 4: Concrete removed at northern-most fan system (Looking West PM)

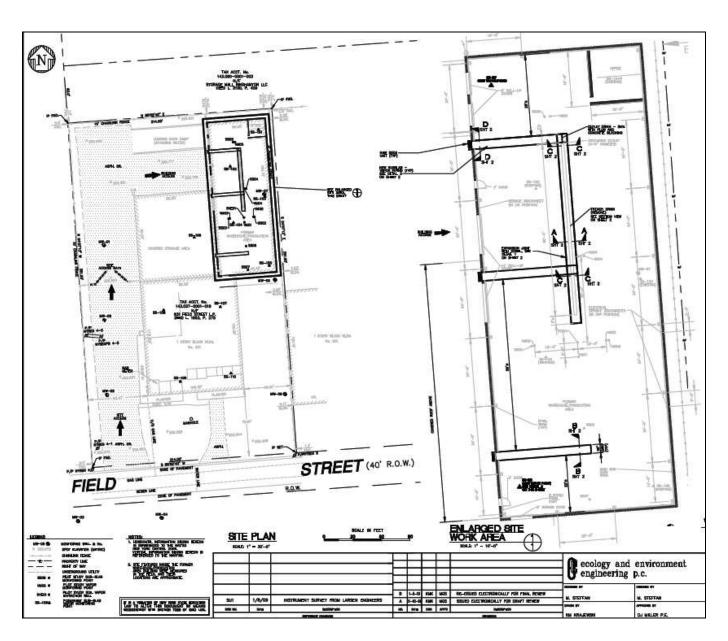
Report No. 3 Date: April 21, 2010



Figure 5: Jack hammering at north end of trench (Looking East PM)

Report No. 3 Date: April 21, 2010

Site Sketch: Pg. 1 of 1



Report No. 4	E & E Project File	: <u>002700.DC21</u>	Date: April 22, 2010
NYSDEC	-	Temperature: (F)	45 °F (am) 56 °F (pm)
Division of Environmental Re	emediation	Wind Direction:	SW @ 2 mph (am)
Division of Environmental Re	emediation		NW @ 13 mph (pm)
Bright Outdoors site		Weather:	(am) mostly cloudy
NYSDEC Site No. 7-04-023	,		(pm) clear
Subslab Mitigation Installations		A	0000
Johnson City, New York		Arrive at site	
		Leave site:	1700
HEALTH & SAFETY:			
Are there any changes to the Health (If yes, list the deviation under items		Yes ()	No (x)
Are monitoring results at acceptable		Yes (x) n/a ( )	* No ( )
	Waters Air	Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No()
071170 177110		` , ` ,	rovide comments
OTHER ITEMS:			
Site Sketch Attached:		Yes (x) No	( )
Photos Taken:		Yes (x) No	( )
DESCRIPTION OF DAILY WORK P	ERFORMED:		
AM – Health and Safety discussion	held by OP-TECH personnel. (	Contractor continu	ed to remove concrete along
the trench. Contractor shoveled out	contents of trench and placed i	n the lined roll-off	for impacted soils. Contractor
suppressed dust generated by the ja	ack hammer with a spray hose.	All PID readings	of underlying soil were non-
detect. One roll-off full of concrete d	lebris was transported to a land	fill, dumped, and r	eturned.
	· ·		
PM – Contractor broke up all concre	ete along the trench drain and s	uppressed dust us	sing a water hose. Contractor
also broke up concrete along the wa	all at the location of the middle f	an system to facil	tate future removal.
Contractor locked the building and t	he gate and demobilized from t	he site. OP-TECH	left site at 17:00 hrs.
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:		Description:
NA	NA		NA
		-	

Report No. 4 Date: April 22, 2010

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNE	L ON SITE:
Personnel: Mike Harders – Site Supervisor, Site Safety Officer	Hours On-site: 9
Mark Husick – Laborer	Hours On-site: 9
Equipment: (1) jack hammer <sup>1</sup>	
(1) Kubota KX41-2V mini-excavator <sup>1</sup>	
(1) CASE 70XT skid steer <sup>1</sup>	
1 – Active Equipment	
VISITORS TO SITE:	
None.	
PROJECT SCHEDULE ISSUES:	
None.	
PROJECT BUDGET ISSUES:	
None.	
ITEMS OF CONCERN.	
ITEMS OF CONCERN:	
None.	
COMMENTS:	
None.	
ATTACHMENT(S) TO THIS REPORT: (field orders, proposed chan	ge orders, photo log, sketches)
Sketch Attached: Yes (x) No ( )	ge orders, prioto log, sketolies)
Photos Taken: Yes (x) No ( ) Photo Log attached.	
. Hoto ranom. Too (x) Tho ( ) Thoto Log attached.	
SITE REPRESENTATIVE: Rachael Moxley, Site Represent	tative, EEEPC
Name: (signature) Rachael Moxley	

cc: project file B. Rung - NYSDEC

B. Rung - NYSDEC M. Steffan – E & E Buffalo D. Miller – E & E Buffalo

Report No. 4 Date: April 22, 2010



Figure 1: View of concrete removal with dust suppression. (Looking South AM)



Figure 2: View of concrete removed by noontime (Looking South AM)

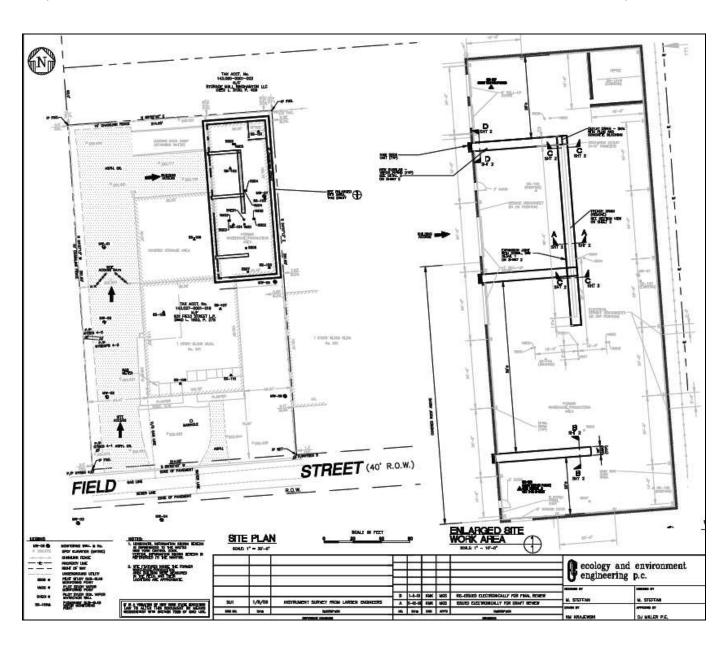
Report No. 4 Date: April 22, 2010



Figure 3: View of broken up concrete/trench drain at end of day (Looking North PM)

Report No. 4 Date: April 22, 2010

Site Sketch: Pg. 1 of 1



Report No. 5	E & E Project Fil	le: <u>002700.DC21</u>	Date: <u>April 23, 2010</u>
NYSDEC		Temperature: (F)	33 °F (am) 63 °F (pm)
Division of Environmental Reme	ediation	Wind Direction:	W @ 2 mph (am)
			NW @ 10-15 mph (pm)
Bright Outdoors site		Weather:	(am) clear, sunny
NYSDEC Site No. 7-04-023 Subslab Mitigation Installations			(pm) clear, sunny
Johnson City, New York		Arrive at site	0800
		Leave site:	1620
HEALTH & SAFETY:			
Are there any changes to the Health & Sa (If yes, list the deviation under items for co		Yes ()	No (x)
Are monitoring results at acceptable level	s? Soils Waters Air	Yes (x) n/a () Yes () n/a (x) Yes () n/a (x)	* No() * No() * No()
OTHER ITEMS:		• If NO, β	provide comments
Site Sketch Attached:		Yes (x) No	( )
Photos Taken:		Yes (x) No	( )
DESCRIPTION OF DAILY WORK PERFORM  AM – Health and Safety discussion held the previous day to the roll-off for concre	by OP-TECH personnel.	Contractor moved	concrete chunks generated
PM – Contractor monitored exposed soil		of underlying soil we	ere non-detect. Contractor
excavated the soil for the northern most	fan system with a slight p	oitch of about 1/8" p	er foot and placed impacted
soil in the lined roll-off for soil. Contracto	r sampled the soil for VO	Cs about every 5-8	feet. Contractor locked
the building and the gate and demobilize	ed from the site. OP-TECH	H left site at 16:20 h	nrs.
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:		Description:
NA	NA	<u></u>	NA
			-
		<u> </u>	

Report No. 5 Date: April 23, 2010

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNE	L ON SITE:
Personnel: Mike Harders – Site Supervisor, Site Safety Officer	Hours On-site: 8.5
Mark Husick – Laborer	Hours On-site: 8.5
Equipment: (1) Kubota KX41-2V mini-excavator <sup>1</sup>	
(1) CASE 70XT skid steer <sup>1</sup>	
1 – Active Equipment	
VISITORS TO SITE:	
None.	
PROJECT SCHEDULE ISSUES:	
None.	
PROJECT BUDGET ISSUES:	
None.	
ITEMS OF CONCERN:	
None.	
COMMENTS:	
None.	
ATTACHMENT(C) TO THE DEPORT: (field orders, proposed show	no andono inhata lan alcatabas)
ATTACHMENT(S) TO THIS REPORT: (field orders, proposed changes that the Attach of the Vac (iv) No. (iv)	ge orders, photo log, sketches)
Sketch Attached: Yes (x) No ( )	
Photos Taken: Yes (x) No ( ) Photo Log attached.	
SITE REPRESENTATIVE: Rachael Moxley, Site Represent	ative, EEEPC
Name: (signature) Rachael Morley	
vacrace - Copy	

cc: project file B. Rung - NYSDEC

B. Rung - NYSDEC M. Steffan – E & E Buffalo D. Miller – E & E Buffalo

Report No. 5 Date: April 23, 2010



Figure 1: View of site after concrete trench was removed (Looking Southeast AM)



Figure 2: View of concrete removed for central fan system (Looking West PM)

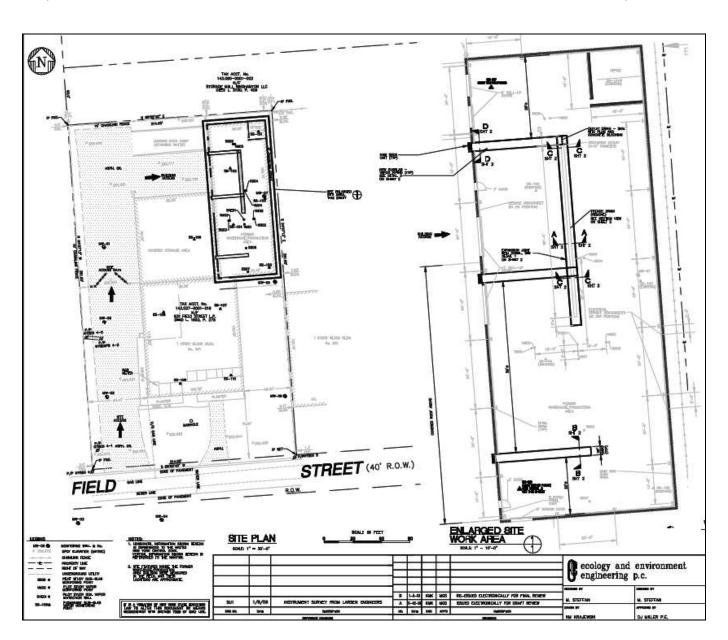
Report No. 5 Date: April 23, 2010



Figure 3: View of soil excavation of trench for northern fan system (Looking West PM)

Report No. 5 Date: April 23, 2010

Site Sketch: Pg. 1 of 1



Report No. 6	E & E Proje	ect File: 002700.DC21	Date: <u>April 26, 2010</u>
NYSDEC		Temperature: (F)	46 °F (am) 49 °F (pm)
		. , ,	. , ,
Division of Environmental	Remediation	Wind Direction:	ENE @ 3 mph (am)
Bright Outdoors site			ENE @ 6 mph (pm)
NYSDEC Site No. 7-04-023		Weather:	(am) rain
Subslab Mitigation Installatio	ns		(pm) rain
Johnson City, New York		Arrive at site	0800
		Leave site:	1615
HEALTH & SAFETY:			
Are there any changes to the Healt	th & Safaty Plan?	Voc. ( )	No (x)
Are there any changes to the Healt (If yes, list the deviation under item		Yes ()	No (x)
Are monitoring results at acceptab		Yes (x) n/a ( )	* No ( )
	Waters Air	Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No()
	,		rovide comments
OTHER ITEMS:			
Site Sketch Attached:		Yes (x) No	( )
Photos Taken:		Yes (x) No	( )
DESCRIPTION OF DAILY WORK	PERFORMED:		
AM - Health and Safety discussion	on held by OP-TECH perso	nnel. Contractor continu	ed soil excavation around the
end of the drainage pipe and for t	he southernmost fan syster	m. Contractor sampled th	ne soil for VOCs about every
5-8 feet; all readings were non-de	etect. Contractor removed s	ome remaining concrete	"rocks" from the trench.
PM – Contractor removed the ren			
non-detect, although soil in the ar	ea was stained black. All im	npacted soil was placed	n the lined roll-off. The
Contractor covered and taped the	soil in the roll-off container	with the poly liner. Cont	ractor locked the building
and the gate and demobilized from	m the site. OP-TECH left sit	e at 16:00 hrs.	
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sar ID:	mple	Description:
NA	NA		NA

Report No. 6 Date: April 26, 2010

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEI	L ON SITE:
Personnel: Mike Harders – Site Supervisor, Site Safety Officer	Hours On-site: 8
Mark Husick – Laborer	Hours On-site: 8
Equipment: (1) Kubota KX41-2V mini-excavator <sup>1</sup>	
(1) CASE 70XT skid steer <sup>1</sup>	
1 – Active Equipment	
VISITORS TO SITE:	
None.	
DDO IECT SCHEDIII E ISSUES.	
PROJECT SCHEDULE ISSUES: None.	
Notice.	
PROJECT BUDGET ISSUES:	
None.	
ITEMS OF CONCERN:	
None.	
COMMENTS:	
Ms. Moxley clarified that 1 1/2" stone fill with fines will be used in all area	s except around the well screens.
A block footer was uncovered by the wall at the center trench; no footer	was found by the wall for the other two
trenches.	
ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change	ge orders, photo log, sketches)
Sketch Attached: Yes (x) No ( )	
Photos Taken: Yes (x) No ( ) Photo Log attached.	
SITE REPRESENTATIVE: Rachael Moxley, Site Represent	ative, EEEPC
	·
Name: (signature)	

cc: project file B. Rung - NYSDEC

B. Rung - NYSDEC M. Steffan – E & E Buffalo D. Miller – E & E Buffalo

Report No. 6 Date: April 26, 2010



Figure 1: View of pipe at north end of trench (Looking North AM)



Figure 2: View of soil removed for center fan system (Looking West PM)

Report No. 6 Date: April 26, 2010

Photo Log: Pg. 2 of 2



Figure 3: View of soil excavation for center fan system (Looking West PM)

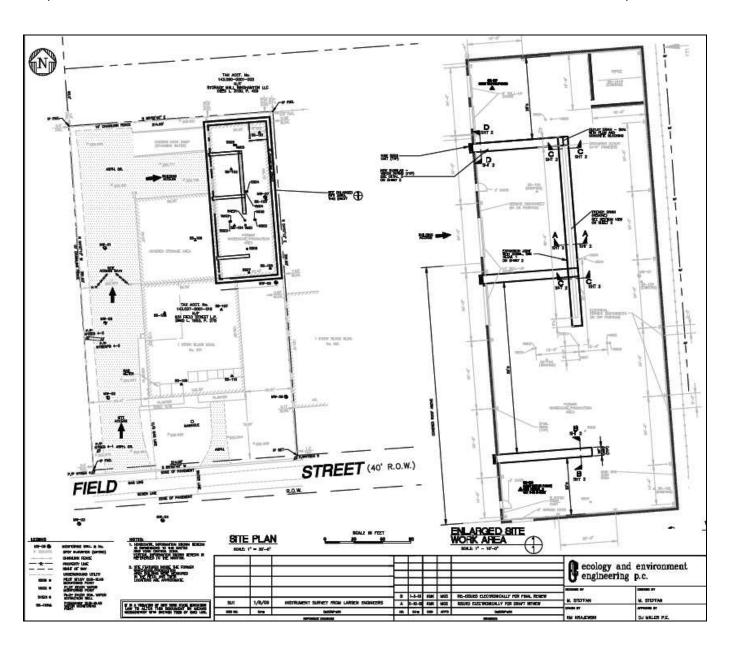


Figure 4: View of stone footer discovered at wall and blackened soil (Looking West PM)

# **DAILY OBSERVATION REPORT**

Report No. 6 Date: April 26, 2010

Site Sketch: Pg. 1 of 1



Report No. 7	E & E Project Fi	le: <u>002700.DC21</u>	Date: <u>April 27, 2010</u>
NYSDEC		Temperature: (F)	40 °F (am) 42 °F (pm)
	<b>.</b> n	Wind Direction:	NE @ 14 mph (am)
Division of Environmental Remediation	ווכ	Willia Direction.	NW @ 10 mph (pm)
Bright Outdoors site		Weather:	(am) overcast, light rain
NYSDEC Site No. 7-04-023			(pm) overcast, light rain
Subslab Mitigation Installations		A	0000
Johnson City, New York		Arrive at site	0800
		Leave site:	1630
HEALTH & SAFETY:			
Are there any changes to the Health & Safety Pla (If yes, list the deviation under items for concern		Yes ( )	No (x)
Are monitoring results at acceptable levels?	Soils Waters Air	Yes ( ) n/a (x)	* No() * No() * No() rovide comments
OTHER ITEMS:		т то, р	ovide comments
Site Sketch Attached:		Yes (x) No	)
Photos Taken:		Yes (x) No	)
DESCRIPTION OF DAILY WORK PERFORME  AM – Health and Safety discussion held by OF  Ing fans, drainage board, and expansion joints.	P-TECH personnel. Contractor collect	ed sample a sample	e of the soil surrounding the
outlet pipe from the trench drain. The roll-off ful			·
KX41-2V mini-excavator was demobilized from		•	
supplies needed and left the site for a half hour	to retrieve materia	als. The Contractor	illed the outlet pipe with
Quickrete Concrete and placed a screw-tight ca	ap at the end. Cont	tractor used remain	ng concrete to fill in small
areas where concrete had chipped off along the	e saw-cut excavation	on.	
PM – The Contractor marked locations of dowe	els, figured out the	connections of the f	an, pipe, and fittings so as to
avoid obstructions from the outside of the build	ing to the roof, and	began to core drill	4" holes through the block in
a circular fashion to make a hole large enough	for a 6" PVC fitting	. Contractor plans o	on switching drills tomorrow
to speed up the process. Sch 40 PVC piping wa	as delivered by Sag	ge Supply Co. Cont	ractor collected soil sample
from roll-off, locked the building and the gate an SAMPLING (Soil/Water/Air): Contractor Sample ID:	nd demobilized from E & E Sample ID:		H left site at 16:30 hrs.  Description:
Excavated Soil Composite Sample	NA		Composite sample taken from soil in covered roll-off for TCLP 1311 characterization.

Report No. Date: April 27, 2010 7

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:
Personnel: Mike Harders – Site Supervisor, Site Safety Officer Hours On-site: 8
Mark Husick – Laborer Hours On-site: 8
Equipment: (1) CASE 70XT skid steer
(1) hand held core drill with 4" bit1
1 – Active Equipment
VISITORS TO SITE:
None.
PROJECT SCHEDULE ISSUES:
Schedule could be held up by delays in submittal by OP-TECH of dowel lubricant, and concrete shop drawings
for EEEPC review. All PVC materials, except for the well screen are expected to be on site tomorrow morning.
Dowels, well screens, and welded wire, are expected to be on site on Thursday.
PROJECT BUDGET ISSUES:
None.
ITEMS OF CONCERN.
ITEMS OF CONCERN:
None.
COMMENTS:
The EPA disposal ID number for the BrightOutdoors site, in case of hazardous waste disposal, is NYR000173609.
The stone/block footer uncovered by the wall in the trench for the center fan system was actually concrete that
might have seeped below the form when originally poured.
Dowel spacing started 42" from the west wall with spacing as per the SOW drawings.  ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)
Sketch Attached: Yes (x) No ( )
Photos Taken: Yes (x) No ( ) Photo Log attached.

Rachael Moxley, Site Representative, EEEPC SITE REPRESENTATIVE:

Rachael Moxley

Name: (signature)

cc: project file B. Rung - NYSDEC

M. Steffan - E & E Buffalo D. Miller – E & E Buffalo

Report No. 7 Date: April 27, 2010



Figure 1: View of drainage pipe plugged with concrete and capped (Looking North AM)



Figure 2: View of cast iron drainage pipe that broke off during concrete removal (Looking East AM)

7

Report No.

Photo Log: Pg. 2 of 3

Date: April 27, 2010



Figure 3: View of concrete patches by wall of center fan system trench (Looking West AM)



Figure 4: View of concrete patch by outlet of trench drain (Looking East PM)

Photo Log: Pg. 3 of 3

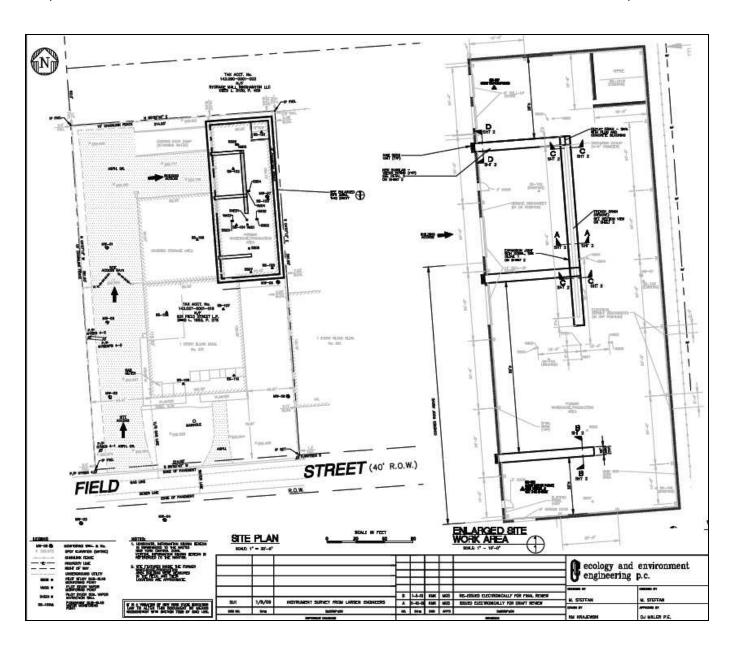


Figure 3: View of first attempt at core drilling through the wall (Looking West PM)

## **DAILY OBSERVATION REPORT**

Report No. 7 Date: April 27, 2010

Site Sketch: Pg. 1 of 1



NA

Report No. 8	E & E Project File:	002700.DC21	Date: April 28, 2010
	_		
NYSDEC	Te	emperature: (F)	34 °F (am) 49 °F (pm)
Division of Environmental Remediatio	n '	Wind Direction:	NW @ 6 mph (am)
Bright Outdoors site			NW @ 10 mph (pm)
NYSDEC Site No. 7-04-023		Weather:	(am) overcast, light rain
Subslab Mitigation Installations			(pm) overcast
Johnson City, New York		Arrive at site	0800
		Leave site:	1620
HEALTH & SAFETY:			
Are there any changes to the Health & Safety Pla (If yes, list the deviation under items for concern)	n? Y	'es ( )	No (x)
Are monitoring results at acceptable levels?		'es ( ) n/a (x)	* No()
		'es ( ) n/a (x) 'es ( ) n/a (x)	* No() * No()
			rovide comments
OTHER ITEMS:			
Site Sketch Attached:	Υ	'es (x) No	( )
Photos Taken:	Υ	'es ( x ) No	( )
DESCRIPTION OF DAILY WORK PERFORMED			
AM – Health and Safety discussion held by OP-	·		
west wall of the warehouse. The northern hole of	verlapped with an ex	isting metal pipe	on the outside of the
building. Contractor assembled the drainage pip	ing for the center fan	system.	
PM – Contractor used the man-lift to look down	the metal pipe; there	was nothing ins	ide the pipe. The contractor
assembled the drainage piping for the northern	and southern fan sys	tems. The contr	actor tried to find an alternate
way to assemble the condensate bypass so it co	ould be protected fror	n freezing and c	or fit under the shroud with the
fan. The Contractor cut off the pipe on the outside	de of the west wareho	ouse wall by the	northern hole after receiving
the ok form the property owener. The contractor	locked the building a	and the gate and	I demobilized from the site.
OP-TECH left site at 16:20 hrs.			
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:		Description:

NA

NA

Report No. Date: April 28, 2010 CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE: Personnel: Mike Harders – Site Supervisor, Site Safety Officer Hours On-site: 8 Mark Husick - Laborer Hours On-site: 8 Equipment: (1) CASE 70XT skid steer<sup>1</sup> (1) core drill with 8" diameter bit1 (1) Genie 1WP-20S man lift1 1 - Active Equipment VISITORS TO SITE: None. PROJECT SCHEDULE ISSUES: Today's work on the fan system was held up by the Contractor's lack of a way to protect the condensate bypass tube from freezing. The Contractor contacted RadonAway and subsequently RadonAway's supplier and found that the shroud already on site is the largest fan shroud available and the alternate bypass method only works for piping up to 4" in diameter. The Contractor had no solution at the end of the day. PROJECT BUDGET ISSUES: None. ITEMS OF CONCERN: A method of protecting the condensate bypass tube needs to be determined by the contractor in a timely manner. **COMMENTS:** A "dead-end" conduit was removed from the outside of the west warehouse wall where the southern hole was drilled. Knife valves were rotated parallel to the walls to protect the valve and to prevent slips, trips, and falls. ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches) Sketch Attached: Yes (x) No ( ) Photos Taken: Yes (x) No ( ) Photo Log attached.

SITE REPRESENTATIVE: Rachael Moxley, Site Representative, EEEPC

Rachael Moxley

Name: (signature)

cc: project file B. Rung - NYSDEC

M. Steffan – E & E Buffalo D. Miller – E & E Buffalo

Photo Log: Pg. 1 of 4



Figure 1: View of drilling operations at center hole (Looking West AM)



Figure 2: View of north hole and metal pipe before removal (Looking East AM)

Photo Log: Pg. 2 of 4



Figure 3: View of conduit on wall near southern hole that was removed (Looking East AM)



Figure 4: View of southern hole, note conduit above that the piping will have to go around (Looking East AM)

Photo Log: Pg. 3 of 4



Figure 5: View of southern hole dimensions and distance from trench (typical) (Looking West AM)



Figure 6: View of plumbing for center fan system (typical) (Looking West AM)

Photo Log: Pg. 4 of 4



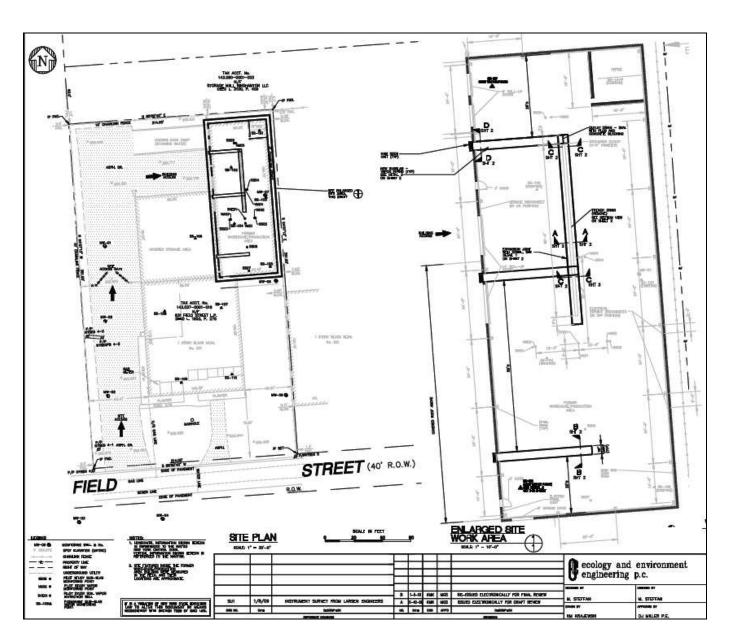
Figure 7: Close up view of plumbing by inside wall (typical) (Looking West PM)



Figure 8: View of previously planned plumbing/fan with shroud (Looking West PM)

Report No. 8 Date: April 28, 2010

Site Sketch: Pg. 1 of 1



NA

Report No. 9 E & E Project File: 002700.DC21 Date: April 29, 2010 Temperature: (F) 39 °F (am) 59 °F (pm) NYSDEC **Division of Environmental Remediation** Wind Direction: NW @ 0 mph (am) NW @ 15 mph (pm) **Bright Outdoors site** Weather: (am) partly sunny NYSDEC Site No. 7-04-023 (pm) clear, sunny **Subslab Mitigation Installations** Arrive at site 0800 Johnson City, New York Leave site: 1620 **HEALTH & SAFETY:** Are there any changes to the Health & Safety Plan? Yes () No (x)(If yes, list the deviation under items for concern) Are monitoring results at acceptable levels? -- Soils \* No () Yes () n/a(x)-- Waters Yes () \* No ( ) n/a (x) -- Air Yes () n/a (x) \* No ( ) If No, provide comments **OTHER ITEMS:** Site Sketch Attached: Yes (x) No ( Photos Taken: Yes (x) No ( **DESCRIPTION OF DAILY WORK PERFORMED:** AM - Health and Safety discussion held by OP-TECH personnel. Contractor covered the holes on the outside of the west warehouse wall with cardboard. Contractor began drilling holes for the load transfer dowels. Contractor received a load of 1 ½" stone with fines and stockpiled it on poly just north of the main roll-up garage door. PM – Contractor finished drilling all holes marked for the load transfer dowels. Contractor received a load of 2" stone and stockpiled it on poly to the west of the first stone stockpile. Contractor also received the steel dowels, geotextile fabric, and wire mesh. Contractor measured the fan system set-up to find a minimum shroud/cabinet size that could be used. Contractor placed 1 ½" fill material in the trench drain excavation between the north and center well screen areas. Contractor covered the stone fill, locked the building and the gate and demobilized from the site. OP-TECH left site at about 16:20 hrs. SAMPLING (Soil/Water/Air): E & E Sample **Description:** Contractor Sample ID: ID:

NA

NA

Report No. Date: April 29, 2010 CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE: Personnel: Mike Harders – Site Supervisor, Site Safety Officer Hours On-site: 8 Mark Husick – Laborer Hours On-site: 8 Equipment: (1) CASE 70XT skid steer (1) Genie 1WP-20S man lift (1) Hammerhead drill with 3/4" bit1 1 - Active Equipment **VISITORS TO SITE:** Rob Madey (OP-TECH) PROJECT SCHEDULE ISSUES: None. PROJECT BUDGET ISSUES: None. **ITEMS OF CONCERN:** None. **COMMENTS:** Manometer tubing will enter the sch 80 piping below the knife valve as opposed to above the knife valve, which was the way shown on the SOW drawings. The manometer will still be mounted above the knife valve, but the tube will run below. Contractor may have found a plastic wall-mounted cabinet to house the fan and condensate tube. ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches) Sketch Attached: Yes (x) No ( ) Photos Taken: Yes (x) No ( ) Photo Log attached. Rachael Moxley, Site Representative, EEEPC SITE REPRESENTATIVE: Rachael Moxley

Name: (signature)

cc: project file

B. Rung - NYSDEC M. Steffan - E & E Buffalo D. Miller - E & E Buffalo

Photo Log: Pg. 1 of 3



Figure 1: View of temporary hole cover (typical) and cut-off pipe (Looking East AM)



Figure 2: View of stockpile of 1 1/2" stones with fines (Looking North AM)

Photo Log: Pg. 2 of 3



Figure 3: View of stockpile of 2" stone fill (Looking North PM)



Figure 4: View of completed dowel holes, over-drilled for thermal expansion (Looking North PM)



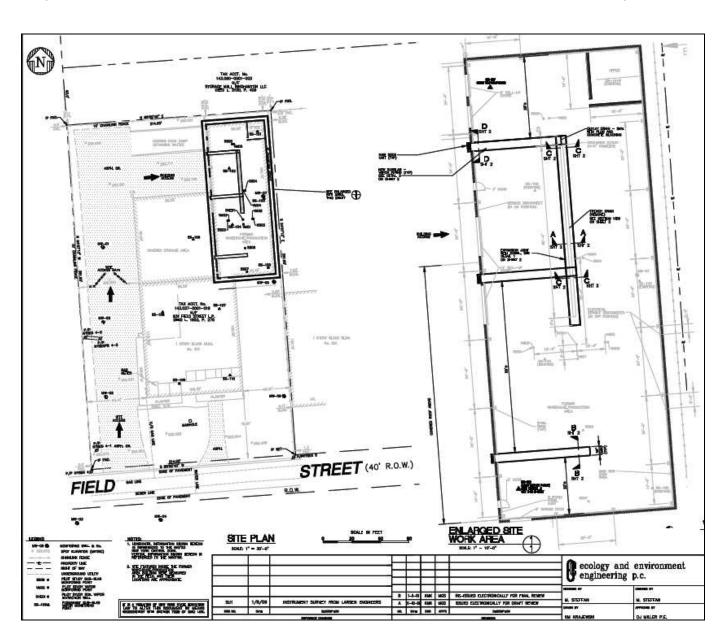
Figure 5: Close-up view of dowel spacing (Looking North PM)



Figure 6: View of stone filled trench (not yet compacted) (Looking North PM)

Report No. 9 Date: April 29, 2010

Site Sketch: Pg. 1 of 1



Report No. 10	E & E Project F	ile: <u>002700.DC21</u>	Date: April 30, 2010
NYSDEC		Temperature: (F)	48 °F (am) 69 °F (pm)
Division of Environmental Remediation	on	Wind Direction:	SW @ 3 mph (am)
			SW @ 4 mph (pm)
Bright Outdoors site NYSDEC Site No. 7-04-023		Weather:	(am) partly cloudy
Subslab Mitigation Installations			(pm) partly cloudy
Johnson City, New York		Arrive at site	0800
		Leave site:	1605
HEALTH & SAFETY:			
Are there any changes to the Health & Safety PI (If yes, list the deviation under items for concern		Yes ()	No (x)
Are monitoring results at acceptable levels?	Soils Waters Air	Yes ( ) n/a (x) Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No() * No() rovide comments
OTHER ITEMS:		- πνο, ρ	ovide comments
Site Sketch Attached:		Yes (x) No	( )
Photos Taken:		Yes (x) No	( )
DESCRIPTION OF DAILY WORK PERFORME  AM – Health and Safety discussion held by OF  and remaining sch 40 drainage piping. Contract	P-TECH personne		
from above the well screen area for the center			_
site. Contractor placed the geotextile material a	and glued the well	screens and remain	ing drainage piping in place.
PM – Contractor placed 1 ½" fill material along	drainage pipes in	all three trenches ar	nd 2" fill material in the
geotextile fabric. Contractor cut the 6 x 6 wire f	rame to fit along t	ne former trench dra	in area and half of one of the
trenches for the drainage pipe. Contractor covered the stone fill, locked the building and the gate and demobilized			and the gate and demobilized
from the site. OP-TECH left site at about 16:05	5 hrs.		
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:	e	Description:
NA	NA		NA

Report No. 10 Date: April 30, 2010 CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE: Personnel: Mike Harders - Site Supervisor, Site Safety Officer Hours On-site: 8 Hours On-site: 8 Mark Husick – Laborer Equipment: (1) CASE 70XT skid steer<sup>1</sup> (1) Genie 1WP-20S man lift 1 - Active Equipment **VISITORS TO SITE:** None. PROJECT SCHEDULE ISSUES: None. PROJECT BUDGET ISSUES: None. ITEMS OF CONCERN: None. **COMMENTS:** None. ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches) Sketch Attached: Yes (x) No ( ) Photos Taken: Yes (x) No ( ) Photo Log attached.

SITE REPRESENTATIVE: Rachael Moxley, Site Representative, EEEPC

Rachael Moxley

Name: (signature)

cc: project file B. Rung - NYSDEC

M. Steffan – E & E Buffalo D. Miller – E & E Buffalo

Photo Log: Pg. 1 of 3

Report No. 10 Date: April 30, 2010



Figure 1: View of stone placement in trench (Looking North AM)



Figure 2: View of final assembled drainage pipe and well screen (typical) (Looking West AM)

Photo Log: Pg. 2 of 3

Report No. 10 Date: April 30, 2010



Figure 3: View of stone-filled trench (typical) (Looking West PM)



Figure 4: View of 2" stone placed over well screens (typical) (Looking Northeast PM)

Photo Log: Pg. 3 of 3

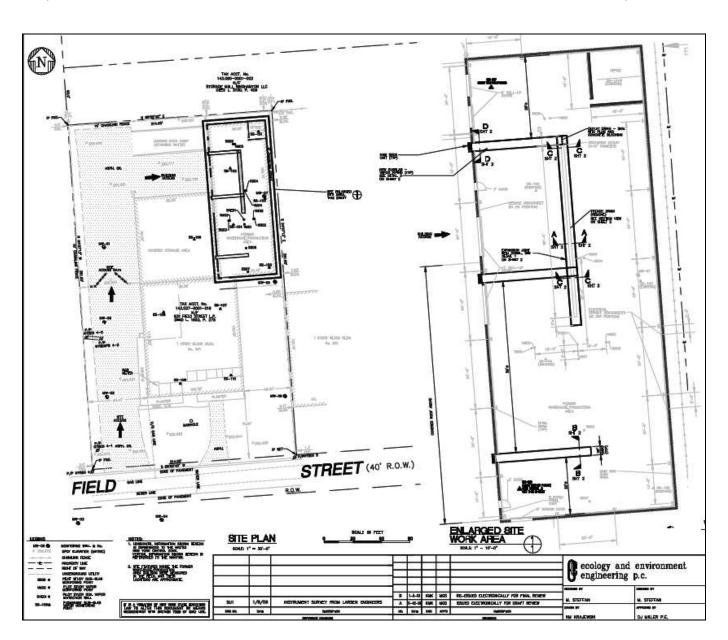
Report No. 10 Date: April 30, 2010



Figure 5: View of wire frame cut to size (Looking North PM)

Report No. 10 Date: April 30, 2010

Site Sketch: Pg. 1 of 1



Report No. 11	E & E Project i	-ile: <u>002700.DC21</u>	Date: May 3, 2010
NYSDEC		Temperature: (F)	67 °F (am) 72 °F (pm)
Division of Environmental Remediati	on	Wind Direction:	W @ 5 mph (am)
		_	W @ 12 mph (pm)
Bright Outdoors site		Weather:	(am) overcast, rain
NYSDEC Site No. 7-04-023 Subslab Mitigation Installations			(pm) partly sunny
Johnson City, New York		Arrive at site	0755
		Leave site:	
HEALTH & SAFETY		<del>-</del>	
HEALTH & SAFETY:			
Are there any changes to the Health & Safety P (If yes, list the deviation under items for concern		Yes ( )	No (x)
Are monitoring results at acceptable levels?	Soils Waters Air	Yes ( ) n/a (x) Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No() * No() ovide comments
OTHER ITEMS:		ν πνο, ρι	ovide dominionis
Site Sketch Attached:		Yes (x) No (	)
Photos Taken:		Yes (x) No (	)
DESCRIPTION OF DAILY WORK PERFORME	ED:		
AM - Health and Safety discussion held by O	P-TECH personne	el. Contractor compac	eted fill in the former trench
drain area and along the drainage pipes with a	a jumping jack and	the fill above the dra	inage pipes with a hand
tamper. Contractor also used hand tamper to	compact 2" stone.	Contractor assemble	d the center fan system.
PM – Contractor continued compacting fill. Ad	ditional fill materia	Il is needed to comple	ete compaction Contractor
returned the jumping jack. The contractor asse			
locked the building and the gate and demobilize		· · · · · · · · · · · · · · · · · · ·	
Toolies are sending and are gare and democrat			
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sampl ID:	e	Description:
NA	NA		NA

Report No. 11 Date: May 3, 2010 CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE: Mike Harders - Site Supervisor, Site Safety Officer Personnel: Hours On-site: 8 Hours On-site: 8 Mark Husick - Laborer Equipment: (1) CASE 70XT skid steer<sup>1</sup> (1) Genie 1WP-20S man lift (1) Mikasa MTX-70 jumping jack<sup>1</sup> 1 - Active Equipment **VISITORS TO SITE:** Rob Madey (OP-TECH) Davis and Fintan Fleming (Property Owners) Philip Randall (MATCO Electric Corporation) PROJECT SCHEDULE ISSUES: None. **PROJECT BUDGET ISSUES:** None. **ITEMS OF CONCERN: COMMENTS:** None. ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches) Sketch Attached: Yes (x) No ( ) Photos Taken: Yes (x) No ( ) Photo Log attached. Rachael Moxley, Site Representative, EEEPC SITE REPRESENTATIVE: Rachael Moxley Name: (signature) B. Rung - NYSDEC cc: project file

M. Steffan – E & E Buffalo D. Miller – E & E Buffalo

Photo Log: Pg. 1 of 3

Report No. 11 Date: May 3, 2010



Figure 1: View of compaction along center drainage piping (typical) (Looking East AM)



Figure 2: View of compaction in trench drain area (Looking North AM)

Photo Log: Pg. 2 of 3

Report No. 11 Date: May 3, 2010



Figure 3: View of fan installation at center fan system with temporary support strap (Looking East AM)



Figure 4: View of compacted fill mix of 2" and 1 1/2" with fines at northern end (Looking South PM)

Photo Log: Pg. 3 of 3

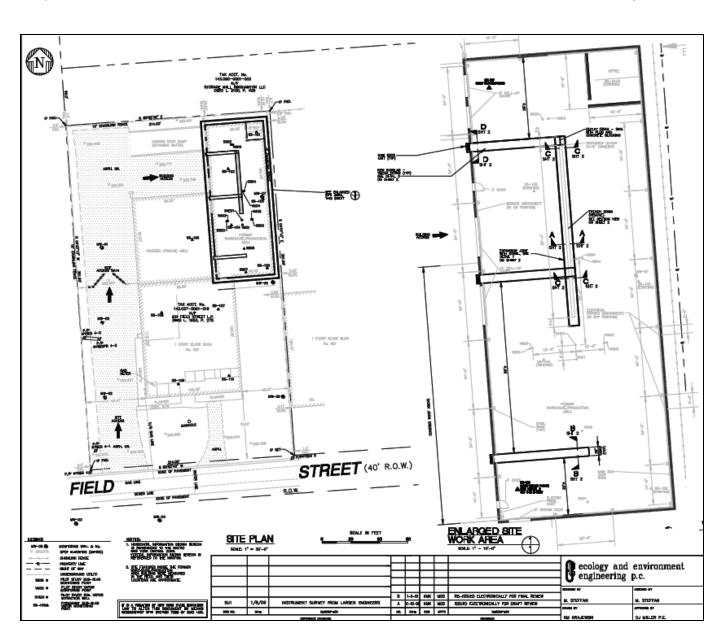
Report No. 11 Date: May 3, 2010



Figure 5: View of assembled southern fan system with temporary cap (Looking East PM)

Report No. 11 Date: May 3, 2010

Site Sketch: Pg. 1 of 1



Report No. 12	E & E Project File	e: <u>002700.DC21</u>	Date: May 4, 2010
NYSDEC		Temperature: (F)	57 °F (am) 65 °F (pm)
Division of Environmental Remediati	ion	Wind Direction:	W @ 3 mph (am)
			W @ 11 mph (pm)
Bright Outdoors site		Weather:	(am) overcast, rain
NYSDEC Site No. 7-04-023 Subslab Mitigation Installations			(pm) mostly cloudy, rain
Johnson City, New York		Arrive at site	0755
		Leave site:	1630
HEALTH & SAFETY:			
Are there any changes to the Health & Safety P (If yes, list the deviation under items for concern		Yes ( )	No (x)
Are monitoring results at acceptable levels?	Soils Waters Air	Yes ( ) n/a (x) Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No() * No()
OTHER ITEMS:		• II NO, p	rovide comments
Site Sketch Attached:		Yes (x) No	( )
Photos Taken:		Yes (x) No	( )
DESCRIPTION OF DAILY WORK PERFORMING  AM — Health and Safety discussion held by O  of the wall at the northern fan system, sealed	P-TECH personnel.		
cutting the 6" x 6" wire mesh. Contractor recei	ved a load of 1 1/2"	stone fill with fines	and began filling it in the
former trench drain area. The Contractor's ele	ctrician stopped by t	o gather informatio	n needed to begin work and
secure a permit.			
PM – Contractor compacted the stone fill and	continued plumbing	the fan systems in	cluding the pipe supports.
The Contractor's electrician, MATCO electric	corporation began in	stallation of the bre	eaker box and conduit for the
fans. Contractor locked the building and the ga	ate and demobilized	from the site. MAT	CO left site at about 1600 hrs
OP-TECH left site at about 16:30hrs.			
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:		Description:
NA	NA		NA

Report No. 12 Date: May 4, 2010 CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE: Mike Harders – Site Supervisor, Site Safety Officer Personnel: Hours On-site: 8 Mark Husick – Laborer Hours On-site: 8 Mike Tessitore (MATCO) – Electrician Equipment: (1) CASE 70XT skid steer<sup>1</sup> (1) Genie 1WP-20S man lift1 (1) Mikasa MTX-70 jumping jack1 1 - Active Equipment **VISITORS TO SITE:** Ben Rung (NYSDEC) Rob Madey (OP-TECH) Philip Randall (MATCO) **PROJECT SCHEDULE ISSUES:** None. PROJECT BUDGET ISSUES: None. **ITEMS OF CONCERN:** None. **COMMENTS:** None. ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches) Sketch Attached: Yes (x) No ( ) Photos Taken: Yes (x) No ( ) Photo Log attached. SITE REPRESENTATIVE: Rachael Moxley, Site Representative, EEEPC Rachael Moxley

Name: (signature)

B. Rung - NYSDEC cc: project file

M. Steffan - E & E Buffalo D. Miller - E & E Buffalo

Report No. 12 Date: May 4, 2010



Figure 1: View of additional compacted fill (Looking North AM)



Figure 2: View of northern fan installation (Looking East PM)

Photo Log: Pg. 2 of 3

Report No. 12 Date: May 4, 2010



Figure 3: View of installed circuit box and conduit in the southwest corner of the warehouse (Looking East PM)



Figure 4: View of installed conduit by southern fan system (Looking Southeast PM)

Report No. 12 Date: May 4, 2010

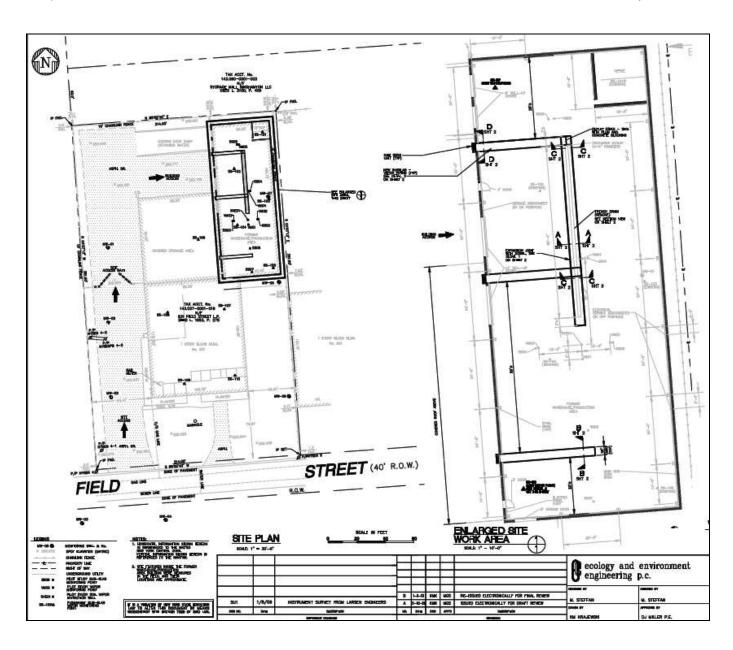


Figure 5: View of plumbing completed at the center fan system (Looking East PM)

## **DAILY OBSERVATION REPORT**

Report No. 12 Date: May 4, 2010

Site Sketch: Pg. 1 of 1



Report No. 13	E & E Project File	e: <u>002700.DC21</u>	Date: <u>May 5, 2010</u>
NYSDEC		Temperature: (F)	67 °F (am) 75 °F (pm)
Division of Environmental Remed	liation	Wind Direction:	SW @ 9 mph (am)
			SW @ 10 mph (pm)
Bright Outdoors site NYSDEC Site No. 7-04-023		Weather:	(am) partly cloudy
Subslab Mitigation Installations			(pm) clear
Johnson City, New York		Arrive at site	0800
		Leave site:	1620
HEALTH & SAFETY:			
Are there any changes to the Health & Safe (If yes, list the deviation under items for con		Yes ()	No (x)
Are monitoring results at acceptable levels?	? Soils Waters Air	Yes ( ) n/a (x) Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No() * No() rovide comments
OTHER ITEMS:		- πτο, ρ	Tovido commente
Site Sketch Attached:		Yes (x) No	( )
Photos Taken:		Yes (x) No	( )
DESCRIPTION OF DAILY WORK PERFORM  AM — Health and Safety discussion held be supports for the northern SSDS system. C	by OP-TECH personnel.		
corner by the intersection of the northern S	SSDS trench area and th	e former trench dr	ain area. Contractor
began construction of the vent caps.			
PM – Contractor finished constructing the	vent caps and installed t	he vertical piping a	all except for that going
through the roof for the southern system.	Contractor locked the bui	ilding and the gate	and demobilized from the
site. OP-TECH left site at about 16:20hrs.			
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:		Description:
NA	NA		NA

Report No. 13 Date: May 5, 2010 CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE: Personnel: Mike Harders – Site Supervisor, Site Safety Officer Hours On-site: 8 Mark Husick – Laborer Hours On-site: 8 Equipment: (1) CASE 70XT skid steer (1) Genie 1WP-20S man lift<sup>1</sup> (1) Thakita DPC7311 power saw<sup>1</sup> 1 - Active Equipment **VISITORS TO SITE:** None. PROJECT SCHEDULE ISSUES: Concrete should now be poured on Friday May 7, 2010, because the contractor had to switch testing companies; compaction testing will be performed tomorrow. PROJECT BUDGET ISSUES: None. **ITEMS OF CONCERN:** None. **COMMENTS:** Roof caps were installed so the screens face about North/South. ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches) Sketch Attached: Yes (x) No ( ) Photos Taken: Yes (x) No ( ) Photo Log attached. SITE REPRESENTATIVE: Rachael Moxley, Site Representative, EEEPC Rachael Moxley Name: (signature)

cc: project file B. Rung - NYSDEC

M. Steffan – E & E Buffalo D. Miller – E & E Buffalo



Figure 1: View of contractor's attempt to make a clean cut at broken corner (Looking West AM)



Figure 2: View of constructed roof cap (typical) (Looking East PM)

Photo Log: Pg. 2 of 2



Figure 3: View of installed piping for northern SSDS system (Looking Northeast AM)

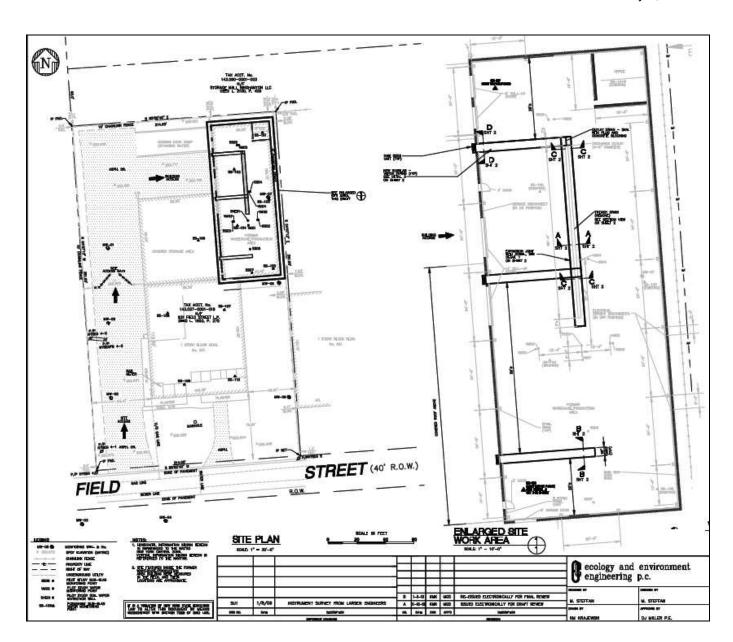


Figure 4: View of installed piping through roof for center SSDS system (Looking East PM)

Report No.

13 Date: May 5, 2010

Site Sketch: Pg. 1 of 1



Report No. 14	E & E Project File:	002700.DC21	Date: May 6, 2010
NYSDEC	T	emperature: (F)	55 °F (am) 65 °F (pm)
Division of Environmental Remediation	on	Wind Direction:	W @ 7 mph (am)
			W @ 19 mph (pm)
Bright Outdoors site		Weather:	(am) mostly cloudy
NYSDEC Site No. 7-04-023 Subslab Mitigation Installations			(pm) partly cloudy
Johnson City, New York		Arrive at site	0800
		Leave site:	1810
HEALTH & SAFETY:			
Are there any changes to the Health & Safety Pla (If yes, list the deviation under items for concern)		res ( )	No (x)
Are monitoring results at acceptable levels?	Waters	Yes ( ) n/a (x) Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No() * No()
OTHER ITEMS:		• If No, p	rovide comments
			, ,
Site Sketch Attached:	`	Yes (x) No	( )
Photos Taken:	`	Yes (x) No	( )
DESCRIPTION OF DAILY WORK PERFORME	D:		
AM – Health and Safety discussion held by OP	-TECH personnel. O	P-TECH saw cut	the corner of the broken
concrete, cleaned out the dowel holes with com	-		_
Testing Associates measured the dry density to	calculate the % com	paction once giv	ren a proctor value. OP-TECH
began cutting the expansion joint boards to the	height of the existing	concrete. MATO	O electrician continued to
install conduit for the SSDS system.			
PM – OP-TECH continued to cut and place the	expansion joint board	ds and lubricated	and inserted dowels.
MATCO completed installation of electrical com-	ponents of the SSDS	S systems. OP-T	ECH placed and tied together
the 6" x 6" welded wire mesh over the dowels.	Contractor locked the	building and the	gate and demobilized from
the site. OP-TECH left site at 18:10hrs.			
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:		Description:

NA

NA

NA

Report No. 14 Date: May 6, 2010 CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE: Personnel: Mike Harders – Site Supervisor, Site Safety Officer Hours On-site: 9.5 Mark Husick - Laborer Hours On-site: 9.5 Mike Tessitore – Electrician (MATCO) Matt Hamilton (CME Testing Associates) Equipment: (1) Genie 1WP-20S man lift (1) Thakita DPC7311 power saw<sup>1</sup> 1 - Active Equipment **VISITORS TO SITE:** Philip Randall (MATCO) PROJECT SCHEDULE ISSUES: MATCO will schedule the UO inspection. PROJECT BUDGET ISSUES: None. **ITEMS OF CONCERN:** None. **COMMENTS:** Compaction tests were taken at three locations in the former trench drain area: at about 12' south of the north end, about 5' north of the center drainage board, and about 7' north of the south end. One test was taken on the south side of each drainage pipe about 15' from the west wall. Compaction test results came back 96-100% in the former trench drain area and about 90-91% along the pipes. Locks for the fan switches will be keyed alike. ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches) Sketch Attached: Yes (x) No ( ) Yes (x) No ( ) Photo Log attached. Photos Taken: SITE REPRESENTATIVE: Rachael Moxley, Site Representative, EEEPC

Name: (signature) Rachael Mafley

cc: project file B. Rung - NYSDEC

M. Steffan – E & E Buffalo D. Miller – E & E Buffalo

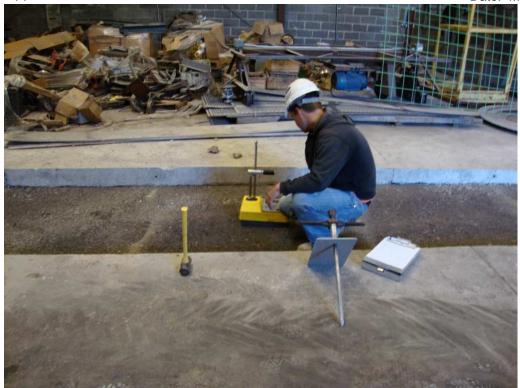


Figure 1: View of compaction testing (Looking East AM)



Figure 2: View of installed conduit by center fan (Looking East AM)

Photo Log: Pg. 2 of 2



Figure 3: View of electric switch for center fan (typical) (Looking Northeast PM)

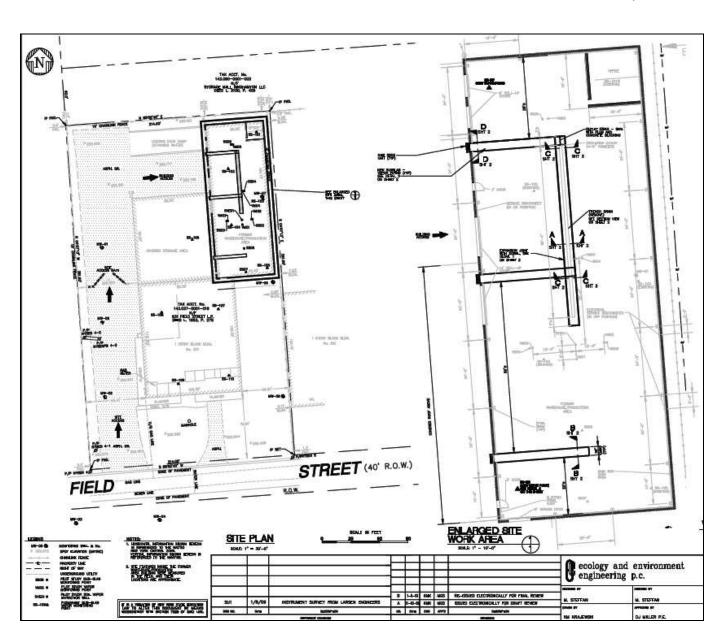


Figure 4: View of site preparation for pouring concrete (Looking South PM)

Report No.

14 Date: May 6, 2010

Site Sketch: Pg. 1 of 1



Report No. 15	E & E Project File	e: <u>002700.DC21</u>	Date: May 7, 2010
NYSDEC		Temperature: (F)	48 °F (am) 66 °F (pm)
<b>Division of Environmental Remediat</b>	ion	Wind Direction:	W @ 3 mph (am)
			SW @ 15 mph (pm)
Bright Outdoors site NYSDEC Site No. 7-04-023		Weather:	(am) partly cloudy
Subslab Mitigation Installations			(pm) mostly cloudy
Johnson City, New York		Arrive at site	0800
		Leave site:	1610
HEALTH & SAFETY:			
Are there any changes to the Health & Safety F (If yes, list the deviation under items for concer		Yes ()	No (x)
Are monitoring results at acceptable levels?	Soils Waters Air	Yes ( ) n/a (x) Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No() * No()
OTHER ITEMS:		• πνο, ρ	rovide comments
Site Sketch Attached:		Yes (x) No	( )
Photos Taken:		Yes (x) No	( )
DESCRIPTION OF DAILY WORK PERFORM  AM – Health and Safety discussion held by C  at 0900 hrs. Pouring began promptly. CME po	P-TECH personnel.		· · · · · · · · · · · · · · · · · · ·
TECH raked the concrete out, used a vibrator	r on it. leveled it with t	he existing floor us	sing a 2" x 4", and finished it
with a trowel. Bollards arrived at 1020 hrs and			<u>,                                     </u>
PM – OP-TECH continued trowel-finishing the	e concrete and finishi	ng the edges abov	e the expansion joint.
OP-TECH sprayed the Sealtight 1200 over the	e concrete and were	waiting for it to dry	at the time I left at 1410 hrs
to place blankets over the concrete as it dried	l over the weekend. T	he directions for the	ne Sealtight 1200 said that it
would take 1-2 hrs to dry.			
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:		Description:
NA	NA		NA

DAILY OBSERVATION REPORT Pg. 2 of 2 Report No. 15 Date: May 7, 2010 CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE: Personnel: Mike Harders – Site Supervisor, Site Safety Officer Hours On-site: 8+ Mark Husick – Laborer Hours On-site: 8+ Andy Pardoe – Laborer Hours On-site: 8 Matt Hamilton (CME Testing Associates) Equipment: (1) Genie 1WP-20S man lift 1 - Active Equipment **VISITORS TO SITE:** None. PROJECT SCHEDULE ISSUES: PROJECT BUDGET ISSUES: None. **ITEMS OF CONCERN:** Bollards only came with 5 caps for 6 bollards. **COMMENTS:** None. ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches) Sketch Attached: Yes (x) No ( )

SITE REPRESENTATIVE: Rachael Moxley, Site Representative, EEEPC

Rachael Moxley

Yes (x) No ( ) Photo Log attached.

Name: (signature)

Photos Taken:

cc: project file B. Rung - NYSDEC

M. Steffan – E & E Buffalo D. Miller - E & E Buffalo

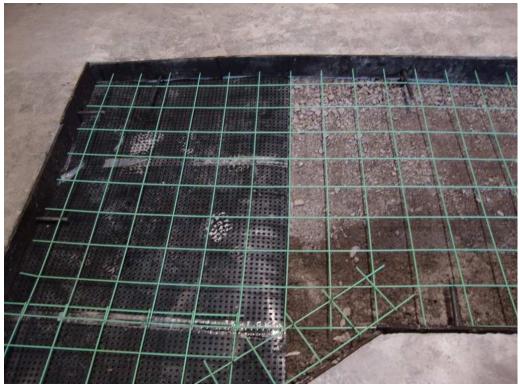


Figure 1: View of dowels, mesh, and drainage board at northern corner of trench (Looking East AM)



Figure 2: View of welded wire frame tied to dowels along trench (typical) (Looking East AM)

Photo Log: Pg. 2 of 5



Figure 3: View of concrete placed in southern trench (Looking Southeast AM)



Figure 4: View of concrete leveled with 2"x4" (Looking Southeast AM)

Photo Log: Pg. 3 of 5



Figure 5: View of vibrated concrete (Looking South AM)



Figure 6: View of concrete cylinders poured by CME (Looking East AM)

Photo Log: Pg. 4 of 5



Figure 7: View of concrete placement operations (Looking South AM)



Figure 8: View of bollards filled with concrete (Looking North AM)

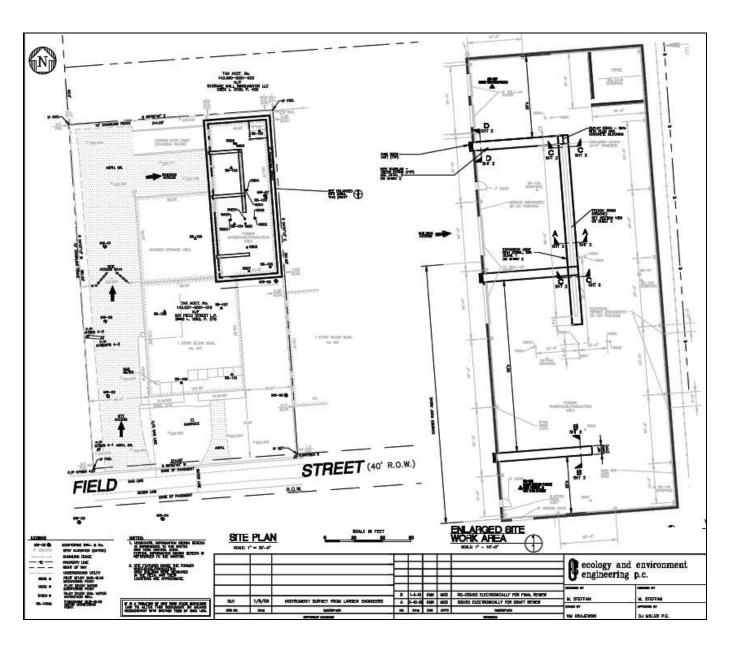
Photo Log: Pg. 5 of 5



Figure 9: View of concrete after troweling (Looking South PM)



Figure 10: View of sealant being sprayed on (Looking South PM)



Report No. 16	E & E Project File	002700.DC21	Date: May 10, 2010
NYSDEC	7	emperature: (F)	41 °F (am) 49 °F (pm)
Division of Environmental Remediation	on	Wind Direction:	NW @ 4.9 mph (am)
			NW @ 16 mph (pm)
Bright Outdoors site NYSDEC Site No. 7-04-023		Weather:	(am) clear
Subslab Mitigation Installations			(pm) clear
Johnson City, New York		Arrive at site	0800
		Leave site:	1620
HEALTH & SAFETY:			
Are there any changes to the Health & Safety PI (If yes, list the deviation under items for concern		Yes ()	No (x)
Are monitoring results at acceptable levels?	Waters	Yes ( ) n/a (x) Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No() * No()
OTHER ITEMS:		• II NO, p	rovide comments
Site Sketch Attached:		Yes (x) No	( )
Photos Taken:		Yes (x) No	( )
DESCRIPTION OF DAILY WORK PERFORME  AM – Health and Safety discussion held by OF  and vent cap for the southern SSDS. OP-TECH	P-TECH personnel. C		
began removing the expansion joint material w	vith a saw and screwo	driver to a depth o	f 1" below the concrete
surface where it had been scored before insert	tion.		
PM – OP-TECH installed the condensate bypa a depth of 1" for joint sealant. OP-TECH locked left site at 16:20hrs.	-		
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:		Description:
NA	NA		NA

Report No. 16 Date: May 10, 2010 CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE: Personnel: Mike Harders – Site Supervisor, Site Safety Officer Hours On-site: 8 Mark Husick - Laborer Hours On-site: 8 Equipment: (1) Genie 1WP-20S man lift<sup>1</sup> 1 - Active Equipment **VISITORS TO SITE:** None. PROJECT SCHEDULE ISSUES: The components for the vapor monitoring points should all be on site tomorrow, but if not, installation will be postponed. System(s) commissioning testing cannot be done until all monitoring points are in place. UL inspection will be performed tomorrow, Tuesday May 11th. PROJECT BUDGET ISSUES: None. ITEMS OF CONCERN: In two areas the expansion joint material is separated from the edge of the existing concrete. Upon closer inspection the gap may only extend to the 1" score line in one area. Either way the gap will be sealed with joint sealant. **COMMENTS:** Contractor reportedly stayed until around 1800 hrs on Friday, but still had to come back on Saturday to put blankets over the concrete, because the Sealtight 1200 was not yet dry. Contractor received the analytical results for the soil sample from the roll-off. Most analytes were reportedly non-detect, with the exception of TCE, whose concentration was below the regulatory limit. ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches) Sketch Attached: Yes (x) No ( ) Photos Taken: Yes (x) No ( ) Photo Log attached.

SITE REPRESENTATIVE: Rachael Moxley, Site Representative, EEEPC

Rachael Moxley

B. Rung - NYSDEC cc: project file

Name: (signature)

M. Steffan - E & E Buffalo

D. Miller - E & E Buffalo

Photo Log: Pg. 1 of 3



Figure 1: View of concrete covered with blankets (typical) (Looking North AM)



Figure 2: View of expansion board removal for joint sealant (Looking North AM)

Photo Log: Pg. 2 of 3



Figure 3: Close up view of expansion board where separated from existing concrete (Southern SSDS, southeast corner of new concrete, Looking North AM)



Figure 4: View of vertical piping installation through roof at southern SSDS (Looking East AM)

Photo Log: Pg. 3 of 3



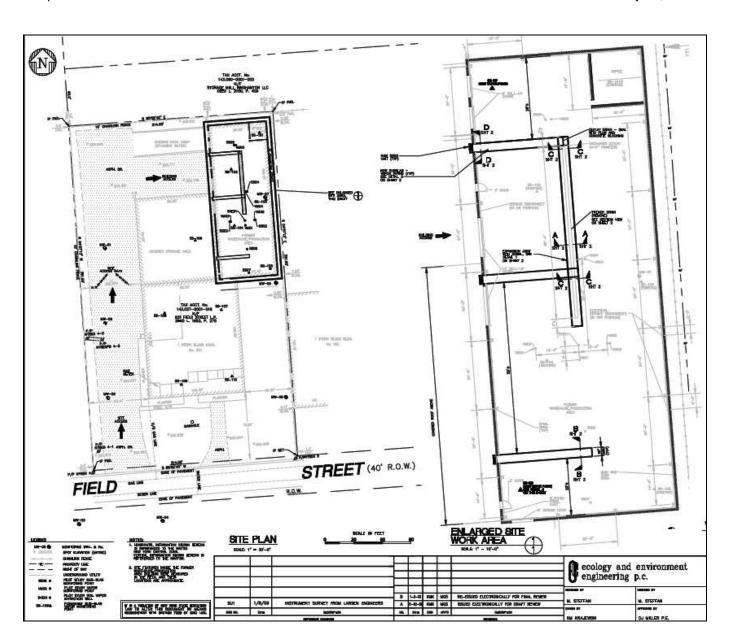
Figure 5: View of condensate bypass for northern SSDS (typical) (Looking North PM)



Figure 6: View of progress made removing expansion joint by the end of the day (Looking South PM)

Report No. 16 Date: May 10, 2010

Site Sketch: Pg. 1 of 1



Report No. 17	E & E Project File	e: <u>002700.DC21</u>	Date: <u>May 11, 2010</u>
NYSDEC		Temperature: (F)	34 °F (am) 52 °F (pm)
Division of Environmental Remediation	on	Wind Direction:	E @ 8 mph (am)
Bright Outdoors site NYSDEC Site No. 7-04-023 Subslab Mitigation Installations		Weather:	SE @ 9 mph (pm)  (am) overcast  (pm) overcast
Johnson City, New York		Arrive at site	0800
		Leave site:	1635
HEALTH & SAFETY:			
Are there any changes to the Health & Safety Plant (If yes, list the deviation under items for concern		Yes ( )	No (x)
Are monitoring results at acceptable levels?	Soils Waters Air	Yes ( ) n/a (x) Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No() * No() rovide comments
OTHER ITEMS:		- π ττο, ρ	Tovide comments
Site Sketch Attached:		Yes (x) No	( )
Photos Taken:		Yes (x) No	( )
DESCRIPTION OF DAILY WORK PERFORME  AM – Health and Safety discussion held. Contraround the perimeter of the new concrete.		remove the expans	sion joint to a depth of 1"
PM – Contractor finished removing the expansi	ion joint material an	d patched the exis	ting concrete where it had
broken off. Contractor cleaned up the removed	expansion joint ma	aterial and began to	vacuum and then seal the 1"
deep joint. Contractor quickly ran out of joint se	ealant and looked in	to getting more an	d getting more quickly.
Contractor locked the building and the gate and	d demobilized from	the site. OP-TECH	left site at 16:35 hrs.
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:		Description:
NA	NA		NA

Report No. 17 Date: May 11, 2010 CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE: Personnel: Mike Harders – Site Supervisor, Site Safety Officer Hours On-site: 8 Mark Husick - Laborer Hours On-site: 8 Equipment: (1) Shop vac<sup>1</sup> 1 - Active Equipment **VISITORS TO SITE:** M. Vasick (NY Atlantic-Inland Inc.) - Electrical Inspector PROJECT SCHEDULE ISSUES: System startup testing is now expected to take place on Thursday, May 13, 2010. PROJECT BUDGET ISSUES: None. **ITEMS OF CONCERN:** None. **COMMENTS:** None. ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches) Sketch Attached: Yes (x) No ( ) Photos Taken: Yes (x) No ( ) Photo Log attached. SITE REPRESENTATIVE: Rachael Moxley, Site Representative, EEEPC Rachael Moxley Name: (signature)

cc: project file B. Rung - NYSDEC

M. Steffan – E & E Buffalo D. Miller – E & E Buffalo

Photo Log: Pg. 1 of 3

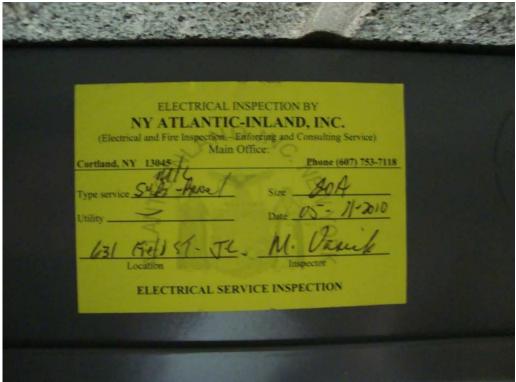


Figure 1: View of Inspector's sticker on circuit breaker panel pox (Looking North AM)



Figure 2: View of expansion board removal progress by noon (Looking Southeast AM)

Photo Log: Pg. 2 of 3



Figure 3: View of expansion joint removed (Looking West PM)



Figure 4: View of floor being patched (Looking South PM)

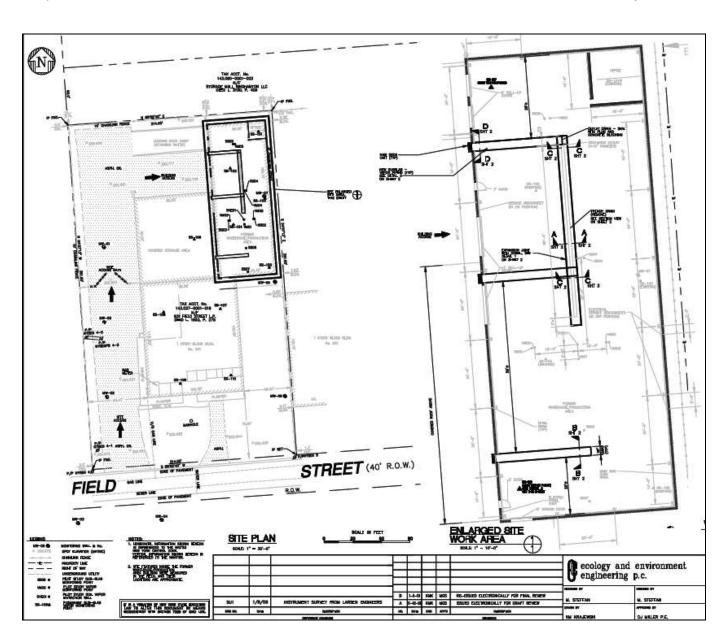
Photo Log: Pg. 3 of 3



Figure 5: View of joint being sealed (Looking West PM)

Report No. 17 Date: May 11, 2010

Site Sketch: Pg. 1 of 1



Report No. 18	E & E Project File	e: <u>002700.DC21</u>	Date: May 12, 2010
NYSDEC		Temperature: (F)	40 °F (am) 44 °F (pm)
Division of Environmental Remediat	ion	Wind Direction:	E @ 9 mph (am)
Bright Outdoors site NYSDEC Site No. 7-04-023		Weather:	E @ 8 mph (pm)  (am) rain  (pm) rain
Subslab Mitigation Installations  Johnson City, New York		Arrive at site	0800
Johnson City, New York		Leave site:	
HEALTH & SAFETY:			
Are there any changes to the Health & Safety F (If yes, list the deviation under items for concern		Yes ()	No (x)
Are monitoring results at acceptable levels?	Soils Waters Air	Yes ( ) n/a (x) Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No() * No()
OTHER ITEMS:		• If No, p	rovide comments
Site Sketch Attached:		Yes (x) No	( )
Photos Taken:		Yes (x) No	( )
DESCRIPTION OF DAILY WORK PERFORMI AM – Health and Safety discussion held. Con manometers for all three SSDSs and installed	tractor continued to s	<del>-</del>	s. Contractor installed
PM – Contractor finished sealing concrete join	nts and concreted arc	und the vapor mo	nitoring points. CME picked
up the four concrete cylinders for testing. Con	tractor locked the bui	lding and the gate	and demobilized from the
site. OP-TECH left site at 16:30 hrs.			
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:		Description:
NA	NA		NA

Report No. 18 Date: May 12, 2010 CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE: Personnel: Mike Harders – Site Supervisor, Site Safety Officer Hours On-site: 8.5 Mark Husick - Laborer Hours On-site: 8.5 Equipment: (1) Shop vac<sup>1</sup> (1) Large drill<sup>1</sup> 1 - Active Equipment **VISITORS TO SITE:** Davis and Fintan Fleming (Property Owners) PROJECT SCHEDULE ISSUES: None. PROJECT BUDGET ISSUES: None. **ITEMS OF CONCERN:** Sealant takes a long time to dry; not sure what effect activating the fan system would have on a semi-dry sealant. **COMMENTS:** None. ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches) Sketch Attached: Yes (x) No ( ) Yes (x) No ( ) Photo Log attached. Photos Taken: SITE REPRESENTATIVE: Rachael Moxley, Site Representative, EEEPC Rachael Moxley Name: (signature)

cc: project file B. Rung - NYSDEC M. Steffan - E & E Buffalo

D. Miller – E & E Buffalo

Photo Log: Pg. 1 of 3



Figure 1: View of installed manometer at the northern SSDS (typical) (Looking Northwest AM)



Figure 2: View of vapor monitoring points installed in NW (left) and SW (right) corners of warehouse before addition of concrete (AM)

Photo Log: Pg. 2 of 3



Figure 3: Close-up view of joint sealant application (typical) note that most joints required multiple layers of the caulk/sealant (Looking East AM)



Figure 4: View of joint sealant application at the southern SSDS (Looking West PM)

Photo Log: Pg. 3 of 3



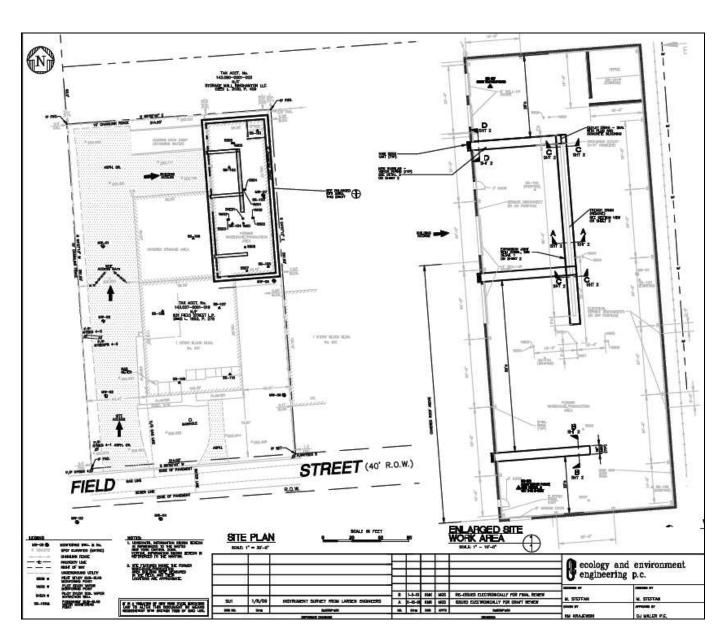
Figure 5: View of joint sealant application (Looking North PM)



Figure 6: View of final installation of vapor monitoring point in the NW corner of warehouse (typical) (PM)

Report No. 18 Date: May 12, 2010

Site Sketch: Pg. 1 of 1



Report No. 19	E & E Project File:	002700.DC21	Date: May 13, 2010
NYSDEC	Т	emperature: (F)	36 °F (am) 56 °F (pm)
Division of Environmental Remediatio	on	Wind Direction:	E @ 2 mph (am)
			NA, calm (pm)
Bright Outdoors site		Weather:	(am) overcast
NYSDEC Site No. 7-04-023 Subslab Mitigation Installations			(pm) cloudy
Johnson City, New York		Arrive at site	0800
		Leave site:	1330
HEALTH & SAFETY:			
Are there any changes to the Health & Safety Pla (If yes, list the deviation under items for concern)		Yes ( )	No (x)
Are monitoring results at acceptable levels?		Yes ( ) n/a (x)	* No()
		Yes ( ) n/a (x) Yes ( ) n/a (x)	* No() * No()
OTHER ITEMS		` ' ' ' '	rovide comments
OTHER ITEMS:			
Site Sketch Attached:	•	Yes (x) No	( )
Photos Taken:	•	Yes (x) No	( )
DESCRIPTION OF DAILY WORK PERFORMED  AM – Health and Safety discussion held. Contra		cracks in the war	ehouse floor with the
<u> </u>			
Sonolastic SL 1 sealant. Contractor put caps on labeling information per the SOW and above ea			
			·
a drill, and orange paint to mark the vapor samp	oling points. Contract	or tried neating ti	ne sealant to get it to set
faster.			
PM – Contractor continued to seal cracks in cor	ncrete. EEEPC Site F	Rep left site at 12	:30 PM.
SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:		Description:
NA	NA		NA

Report No. 19 Date: May 13, 2010 CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE: Personnel: Mike Harders – Site Supervisor, Site Safety Officer Mark Husick - Laborer Equipment: (1) Shop vac<sup>1</sup> (1) VAL 6 infrared oil heater<sup>1</sup> 1 - Active Equipment **VISITORS TO SITE:** Ben Rung (NYSDEC Project Manager) PROJECT SCHEDULE ISSUES: Paperwork for PROJECT BUDGET ISSUES: None. **ITEMS OF CONCERN:** None. **COMMENTS:** According to the manufacturer the Sonolastic SL 1 joint sealer will take 24 hours to film over, 3 days to set enough for foot traffic, and 7 days until it will be completely set based on 75 °F, 50% relative humidity, and a 1/4" depth. On site the temperature has been around 40 °F, raining, and the sealant is 1" deep. Contractor is hesitant to start up system before sealant is set. ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches) Sketch Attached: Yes (x) No ( ) Photos Taken: Yes (x) No ( ) Photo Log attached. SITE REPRESENTATIVE: Rachael Moxley, Site Representative, EEEPC

Rachael Morley

Name: (signature)

B. Rung - NYSDEC cc: project file

M. Steffan – E & E Buffalo

D. Miller - E & E Buffalo

Report No. 19 Date: May 13, 2010



Figure 1: View of oil heater (Looking East AM)



Figure 2: View of cracks being sealed (Looking South AM)

Photo Log: Pg. 2 of 2

Report No. 19 Date: May 13, 2010



Figure 3: View of bollard placement (typical) (Looking West AM)

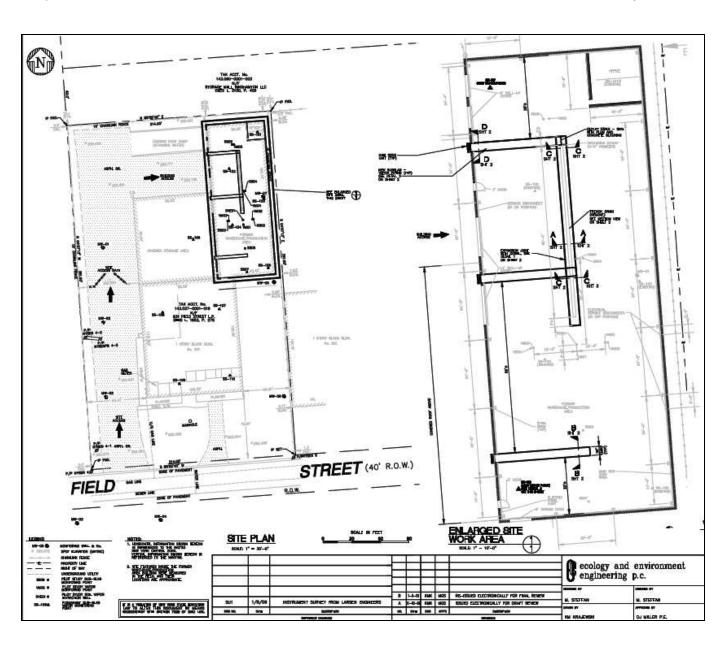


Figure 4: View of system label (typical) (Looking North AM)

#### **DAILY OBSERVATION REPORT**

Report No. 19 Date: May 13, 2010

Site Sketch: Pg. 1 of 1



Report No. 20	E & E Project File:	002700.DC21	Date:	May 18, 2010
NYSDEC		Temperature: (F)	45 °F (a	am) 55 °F (pm)
Division of Environmental Remediat	ion	Wind Direction:	NW @	10 mph (am)
			NW @	10 mph (pm)
Bright Outdoors site		Weather:	(am) clo	oudy/ rain
NYSDEC Site No. 7-04-023 Subslab Mitigation Installations			(pm) rai	in
Johnson City, New York		Arrive at site	1000	
		Leave site:	1330	
HEALTH & SAFETY:				
<del></del>				
Are there any changes to the Health & Safety (If yes, list the deviation under items for concern		Yes ()	No	) (x)
Are monitoring results at acceptable levels?	Soils	Yes ( ) n/a (x)		o ( )
	Waters Air	Yes ( ) n/a (x) Yes ( ) n/a (x)		o ( ) o ( )
		` , ` ,	rovide com	· /
OTHER ITEMS:				
Site Sketch Attached:		Yes (x) No	( )	
Photos Taken:		Yes (x) No	( )	
DESCRIPTION OF DAILY WORK PER	RFORMED:			
<b>AM</b> – E & E arrives at the Bright Outdoors sit depressurization systems installed by OP-TE			n testing	of the of the subslab
The system was tested for effectiveness by u warehouse floor as a part of the overall site n		ter to each vapor s	sampling	point installed in the
Prior to testing, all systems were started appropriate the floor slab.	oximately 0800 to rui	n a given time to el	ffectively	depressurize
OP-TECH inspected MW-01 and has ordered Other OP-TECH staff to be delivering the equ			e previous	s missing cover.
Testing was performed between 1045 and 15 "WC, <b>SS-103</b> – 0.004 "WC, <b>SS-104</b> – 0.006 "WC				
After results of SS-102 were below the minim depressurization area was performed. It was exterior wall contained an expansion joint tha slab and causing lower pressure readings du	discovered that the put was not sealed. This	erimeter floor that s was causing exc	meets at	the interior of the

Suggested that the perimeter expansion joint be cleaned around the entire facility and sealed with joint / crack sealer.

#### **DAILY OBSERVATION REPORT**

Pg. 2 of 10

Report No. 20 E & E Project File: 002700.DC21 Date: May 18, 2010

DESCRIPTION OF DAILY WORK PERFORMED: (continued)

PM – Contractor began cleaning and vacuuming the perimeter expansion joint around the entire facility. Difficulty in cleaning expansion joints in the partheast offices of the warehouse due to paneling and insulation on the walls

**PM** – Contractor began cleaning and vacuuming the perimeter expansion joint around the entire facility. Difficulty in cleaning expansion joints in the northeast offices of the warehouse due to paneling and insulation on the walls, hiding the expansion joint from cleaning and filling with crack sealer. Also, other areas in the warehouse have equipment or stored materials which access was difficult. OP-TECH will seal as much of the perimeter area as accessible.

1230 - Transporter – Dana Wells arrives on site to pickup the solid waste rolloff. All site wastes transported offsite at 1300.

OP-TECH staff delivers the casing and cover. The casing and cover were installed and sealed with concrete.

Vapor point \$S-102 was retested after expansion joint sealing. The result was 0.017 "WC.

The manometers were read on all the soil vapor extraction (SVE) units. North SVE unit (#3) - 2.2' WC, Middle SVE unit (#2) - 2.1 "WC, and South SVE unit (#1) - 2.3 "WC

As directed by the DEC PM, upon completion of sealing the perimeter, all units will be shutdown from the internal power circuit box. Once the next work assignment budget is passed the system will be restarted and samples taken from each of the sampling points.

M. Steffan left site at 1330.

SAMPLING (Soil/Water/Air):

Contractor Sample ID:

NA

E & E Sample
ID:

NA

NA

NA

NA

#### **DAILY OBSERVATION REPORT**

Pg. 3 of 10

Report No.	20	E & E Project File:	002700.DC21	Date:	May 18, 2010
CONTRACTO	OR/SUB	CONTRACTOR EQU	IPMENT AND PER	SONNEL ON SITE:	
Personnel:	Mike H	arders – Site Supervis	sor, Site Safety Offic	cer	
-	Mark H	usick – Laborer			
Equipment: (1	1) Shop :	wac <sup>1</sup>			
	<i></i>	vac tools (Caulk and caulk	c aun)		
	i y Oiriaii	toolo (Gaain ana caain	. gan,		
1 – Active Equip	oment				
VISITORS TO	SITE:				
None					
PROJECT SO	^UEDIII	E ISSUES:			
		closure to followed up	from OP-TECH		
Тарогионсто	i project	olocato to followed ap	71011101 12011		
PROJECT BI	UDGET	ISSUES:			
None.					
ITEMS OF CO	ONCERI	N:			
None.					
COMMENTS	:				
None					
ATTACHMEN	NT(S) TO	THIS REPORT: (fie	ld orders, propose	ed change orders, pho	to log, sketches)
Sketch Attach		•			,
Photos Taker	n: Yes	s (x) No ( ) Photo Lo	g attached.		_
SITE REPRE	SENTA	Miloriaci Ot		esentative, EEEPC	<b>;</b>
Name: (signat	ture)		l J. Steffa.		
(g//wi	-,	11/ccnal	C. Duyju	•	

cc: project file B. Rung - NYSDEC

R. Moxley - E & E Buffalo

D. Miller – E & E Buffalo

#### **Photo Log**



Figure 1: View of Middle SVE Unit# 2



Figure 2: View of Soil Vapor Extraction unit #3 – north unit



Figure 3: View of the open expansion joint where the floor meets the exterior wall



Figure 4: Second view of the open expansion joint where the floor meets the exterior wall



Figure 5: View of the repair on monitoring well – MWE-01



Figure 6: View of soil vapor unit #1 – south unit



Figure 7: View of the interior subpanel box for the SVE units



Figure 8: View of OP-TECH personnel filling the floor /wall expansion joint with caulk



Figure 9: View of system label signed (typical)) - North SVE Unit #3

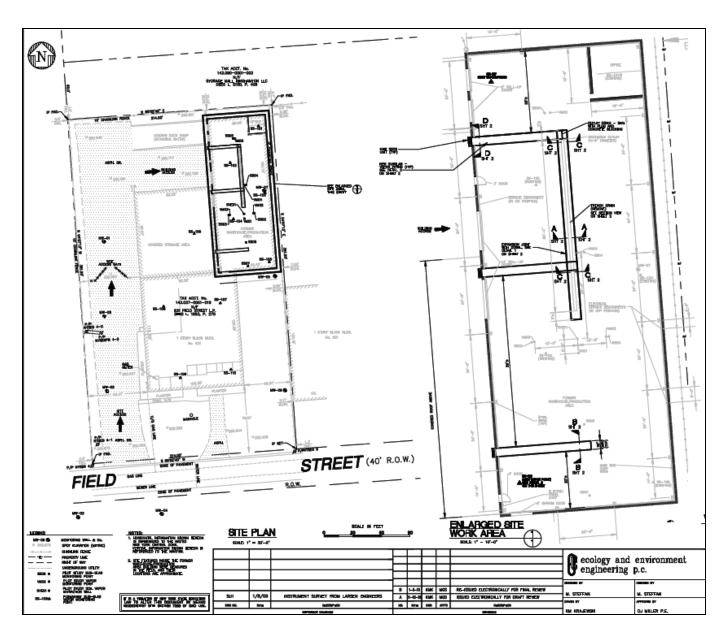
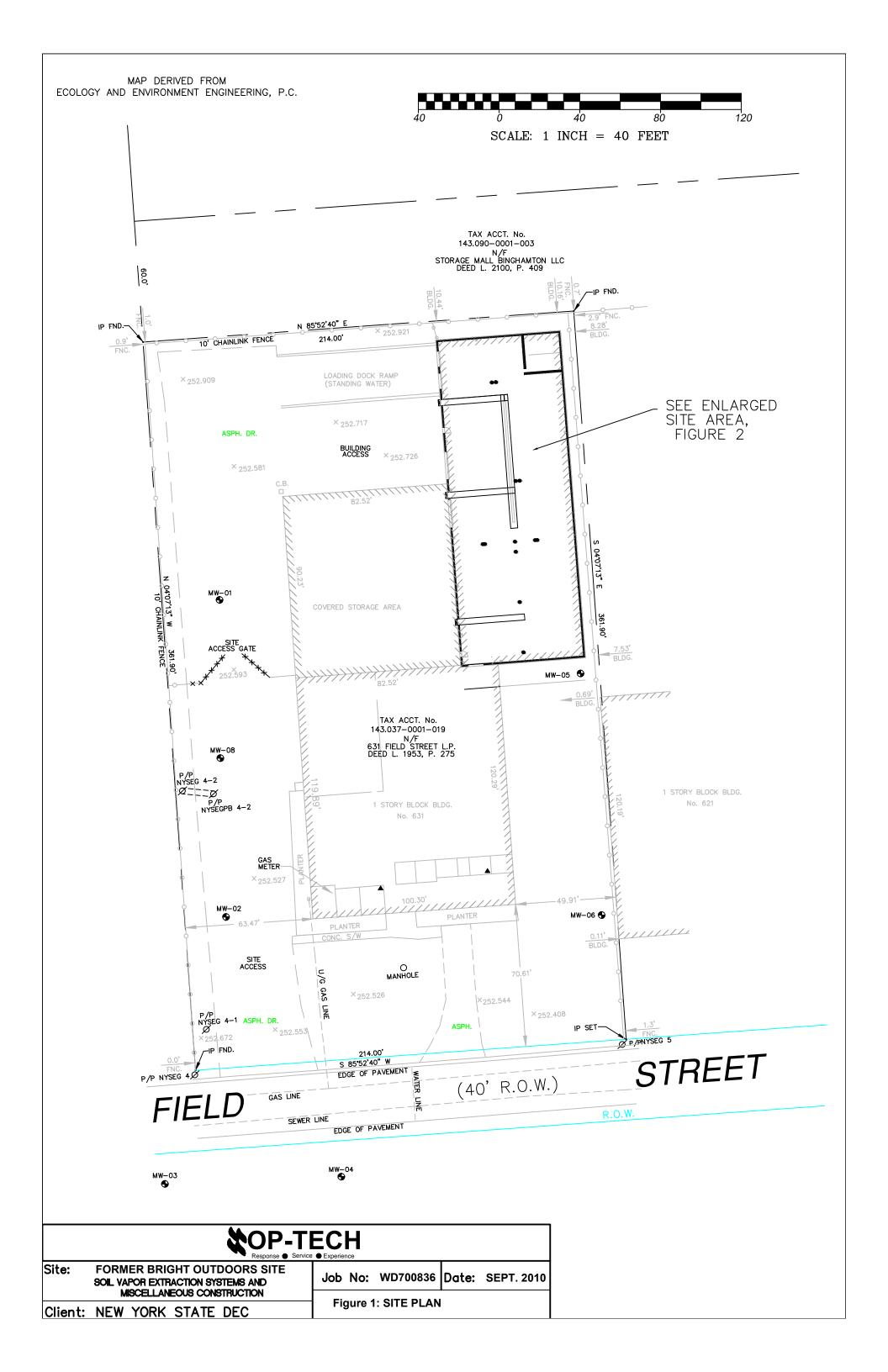
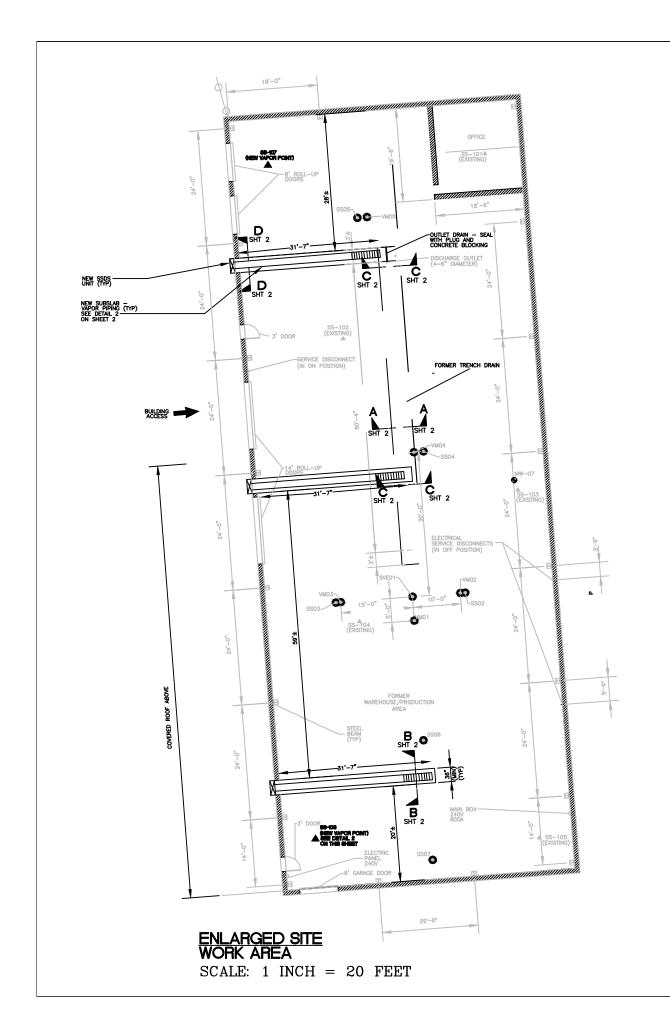
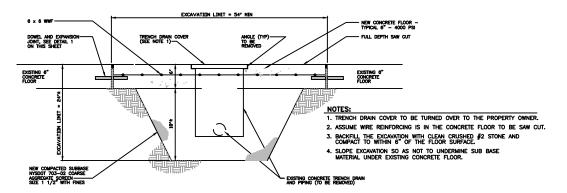


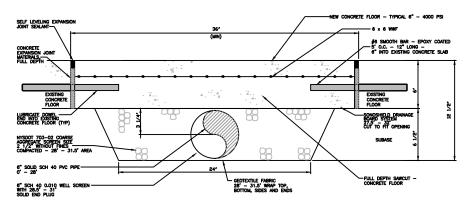
Figure 10: View of the plan of improvements for SVE



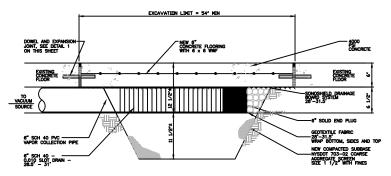




#### EXISTING TRENCH DRAIN REMOVAL SECTION A-A



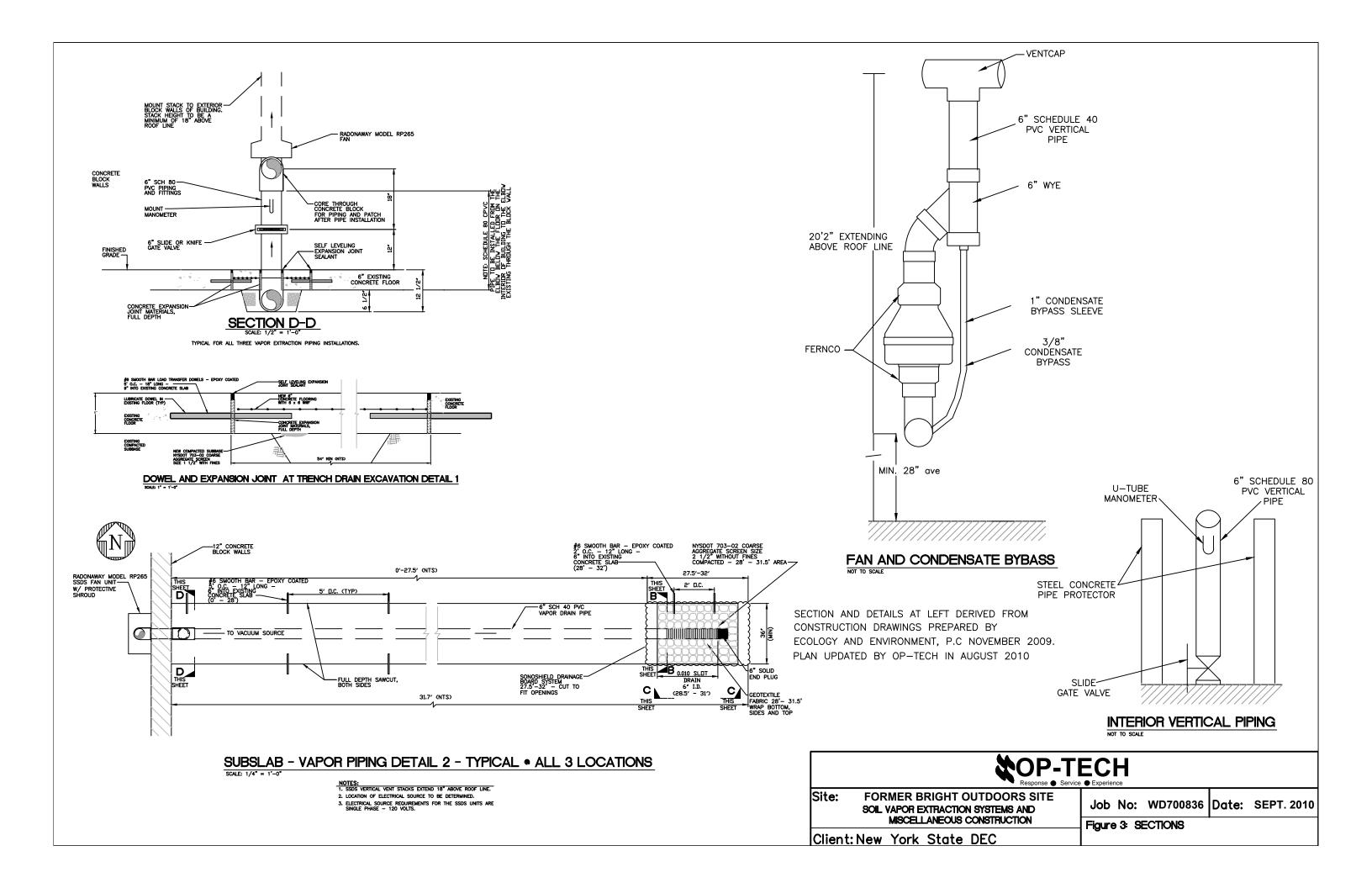
#### BELOW FLOOR HORIZONTAL VAPOR COLLECTION AT SUBSLAB VAPOR PIPING SECTION B-B



HORIZONTAL VAPOR PIPE TRENCH DRAIN CROSSING SECTION C-C

FIGURE DERIVED FROM CONSTRUCTION DRAWINGS PREPARED BY
ECOLOGY AND ENVIRONMENT, P.C NOVEMBER 2009.
PLAN UPDATED BY OP-TECH IN AUGUST 2010 TO SHOW CONSTRUCTION CONDITIONS

	&OP-T					
Site:	FORMER BRIGHT OUTDOORS SITE SOIL VAPOR EXTRACTION SYSTEMS AND	Job 1	No:	WD700836	Date:	SEPT. 2010
	MISCELLANEOUS CONSTRUCTION	Figure	2: E	NLARGED SIT	E WORK	AREA
Client	:New York State DFC	]		ND SECTIONS		



#### RECORD OF SUBMITTALS, SHOP DRAWINGS AND SAMPLE SUBMISSIONS

**Remedial Call-out Contractor - OP-Tech** 

Client Contract No.: NYSDEC Remedial Callout Contractor - Op-Tech
7-04-023

EEEPC Project Number - 002700.DC21.02

**Project Name:** Former Bright Outdoors site

**Legend: CON = Conforms** 

CAN = Conforms As Noted RR = Revise and Resubmit NA = Not Approved Project Manager: M. Steffan
Oversight Rep.: Rachael Moxley

**UPDATED:** 

October 18, 2010

Contractor: OP-Tech

NA = Not Approved					I	ACTION TAKEN "See legend"				By:			MGS	
	OTHE	ER = "See Con	nments''					"See	legen					
SPE	c. I	Submittal	Date	Client or Contractors	Description of	No. Copies	CON	CAN	RR :	NA OTHER	Date	No. Copies	Rev'd	Comments/Remarks
SECTI		#	Rec'd	Trans. No.	_	Rec'd	<u>ت</u>	7	~   ;		Ret'd	Ret'd	BY	0 0111110211021 2110211112 112
SECTI	ON	#	Rec u	Trans. No.		Rec u					Ket u	Ket u	DI	
					<b>Pre-Construction Project Submittals</b>									
A.					A. General Project Requirements									
1	1	1	04/08/10	S-1	Bright Outdoors Work Plan	1		X			04/13/10	1	RM/MS	Minor comments
	1	1A												
	3	2	04/08/10	S-2	Bright Outdoors HASP	1		X			04/13/10	1	RM/MS	Minor comments. Revised
	3	2A	04/27/10	S-2A	Bright Outdoors HASP	1	X				04/27/10	1	MS	
	4	3			Permits									
	1.0		0.4/25/14.0	9.2		-	<b>X</b> 7	_			0.4/2.0/1.0		3.40	
	10	4	04/27/10	S-3	Schedule	1	X	_			04/30/10	1	MS	3.5 weeks to complete field work.
		+			Due i act Chan Duamin an									
					Project Shop Drawings									
В.					B. SVE Units Shop Drawings									
	2.1				2.1 Vapor Point(s) Equipment									
	a a		04/29/10	23	Vapor Points piping and fittings	1	X				04/30/10	1	MS	Per specs
1	b		04/29/10	24	Hydraulic cement	1	X				04/30/10	1		Per specs
	С		04/29/10	25	Bentonite	1	X				04/30/10	1		Per specs
	2.2				2.2 SVE Units, Piping, Fittings, and Ancillary Equipment			1						
	a		04/20/10	15	Pipe - Schedule 40	1	X				04/22/10	1	MGS	Per specs
			04/27/10	15A	Pipe - Schedule 80	1	X				04/27/10	1		Per specs
	b		04/20/10	16	Fittings - Schedule 40	1	X				04/22/10	1		Per specs
			0.440.440	16A	Fittings - Schedule 80	1	X				04/22/10	1		Per specs
	C		04/20/10	2	Flexible Couplers or connectors	1	X				04/22/10	1		Per specs
	d		05/03/10 04/20/10	26	Pipe Supports Fans	1	X				05/03/10 04/22/10	1		Per specs Per specs
	e f		04/20/10	18	Valves	1	X				04/22/10	1		Per specs
	1		VT/ 4V/ 1V	10	7 11 103	1	<b>4 A</b>				UT/ 22/ 1U	1	14100	i er specis
	g		04/20/10	4	Ancillary Equipment including: manometer	1	X				04/22/10	1	MGS	Per specs
1	8		0.1/20/20	·	i memaly Equipment metatang manometer	-					0 1/22/10	<del>                                     </del>	1.100	White is approved . Not installed due to pipe
	h		04/20/10	5	Fan covers and base plate	1	X				04/22/10	1	MGS	size
					<u> </u>									No fan covers approved - insulate condensate
	h		04/29/10	5A	Cabinet covers for fans	1				X	04/30/10	1		return line - need submission
	i		04/20/10	3	Condensation / Freeze Protection	1	X				04/22/10	1		Per specs
	j		05/04/10	10	Roof Caps	1	-			X	05/04/10	1		Rebar too big for cap opening
	j		05/05/10	10A	Roof Caps	1	X				05/05/10	1		Tee caps with screen installed
	K 1		04/20/10	6	Cements and Sealants	1	X	-			04/22/10	1 1		Per specs
	1		04/20/10 04/20/10	17	Well screen Pipe Protection	1	X		X		04/22/10 04/22/10	1		Per specs Revised
	+	+	05/04/10	7A	Pipe Protection Pipe and Valve Protection Bollards	1	X		Λ		05/04/10	1		Two per fan unit - locate in field
-			US/U4/1U	//	Tipe and varve Frotection Donards	1	Λ				05/04/10	+ +	MIGS	1 wo per ran unit - iocate in neiu

Legend: CON = Conforms CAN = Conforms As Noted

**RR** = **Revise** and **Resubmit** 

NA = Not Approved OTHER = "See Comments" 
 UPDATED:
 October 18, 2010

 By:
 MGS

"See legend" OTHER **Client or** No. CAN CON RR SPEC. Submittal Date **Description of** Copies NA **Comments/Remarks Contractors Copies** Rev'd Date **SECTION** Rec'd Rec'd Trans. No. Submittal or Shop Drawing, Equipment, or Material Ret'd Ret'd BY 2.3 2.3 Geo-Fabric Materials 04/20/10 Geo-fabric Trench liner 04/22/10 MGS Per specs a X 04/20/10 04/22/10 11 Polypropylene Drainage Board X MGS Per specs b 1 2.4 Floor Drains 2.4 None NA Floor drains NA No floor drains required for the project 2.5 **2.5 Floor Patches** NA Concrete a NA 2.6 Urethane Crack Sealer 2.6 05/18/10 19 Crack Sealer 05/18/10 MGS SIKA - crack sealer and leveling caulk X a C. Trench Drain, Selected Flooring, and New Concrete C. 2.1 Floor Concrete 2.1 MGS No compressive strength provided 04/20/10 14 Concrete 04/22/10 05/04/10 05/04/10 14A Concrete X MGS Finish per existing floor 05/06/10 14B Concrete X 05/06/10 MGS Finish per existing floor 2.2 2.2 Load Transfer Doweling a 04/20/10 21 Dowels X 04/22/10 MGS b 05/06/10 22 X 05/06/10 MGS Valvoline Tactyl 506 used Lubricant 2.3 Welded Wire Fabric 2.3 04/20/10 20 W/W Fabric 04/22/10 MGS X a 2.4 2.4 Expansion Joint Materials 04/20/10 12 Expansion Joint 04/22/10 MGS | 1/2 inch expansion joint material is approved 2.5 2.5 Expansion Joint Sealant 04/20/10 13 Sealant 04/22/10 MGS a 1 X 2.6 Geo-fabric 2.6 04/20/10 04/22/10 Geo-fabric 1 X MGS a 04/22/10 04/20/10 Polypropylene Drainage Board X b 11 MGS 2.7 2.7 Granular Stone Fill 04/27/10 Granular Fill - Trench Drain/Horizontal piping X 04/27/10 MGS 04/27/10 Granular Fill - Trench Drain X 04/27/10 MGS b 8 1

ACTION TAKEN

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 UPDATED:
 October 18, 2010

 By:
 MGS

OTHER = See Comments See legen						See legellu								
SPEC.	Submittal	Date	Client or Contractors	Description of	No. Copies	CON	CAN	RR	NA	OTHER	Date	No. Copies	Rev'd	Comments/Remarks
SECTION	#	Rec'd	Trans. No.	Submittal or Shop Drawing, Equipment, or Material	Rec'd					0	Ret'd	Ret'd	BY	
				D. Final Report - Post-Construction Project										
D.				<u>Submittals</u>										
1.1				1.1 Final Report			ш							
		07/23/10	PS - 1	Contractor Daily Reports	1	X					08/26/10	1	MGS	Accepted
		09/08/10	PS - 7	Record Drawings - Pre/Post Construction	1	X					09/27/10	1	MGS	Accepted
		09/08/10	PS - 8	Photographs	1	X					09/27/10	1	MGS	Accepted
		09/08/10	PS - 9	UL Inspection Report - Electrical	1	X					09/27/10	1	MGS	Accepted
		07/23/10	PS - 2	SVE Equipment Warrantees	1	X					08/26/10	1	MGS	Accepted
		07/23/10	PS - 3	Manifests/bills of lading and Disposal Certificates - Soils	1	X					08/26/10	1	MGS	Accepted
		07/23/10	PS - 4	Manifests/bills of lading and Disposal Certificates - Concrete	1	X					08/26/10	1	MGS	Accepted
		09/08/10	PS - 10	Post -communication testing result and floor repairs.	1	X					09/27/10	1	MGS	Accepted
		09/08/10	PS - 11	Physical test results of concrete.	1	X					09/27/10	1	MGS	Accepted
		07/23/10	PS - 5	Complaction testing of subgrade	1	X					08/26/10	1	MGS	Accepted
		09/08/10	PS - 12	PID readings subslab soils - Trench	1	X					09/27/10	1	MGS	Accepted
		07/23/10	PS - 6	Vacuum gauge installation info	1	X					08/26/10	1	MGS	Accepted

ACTION TAKEN

# PROJECT CLOSEOUT SUB-SLAB DEPRESSURIZATION SYSTEM FORMER BRIGHT OUTDOORS JOHNSON CITY, NEW YORK SITE # 7-04-023

#### Prepared for:

NYS Department of Environmental Conservation Remedial Bureau E, 12<sup>th</sup> Floor 625 Broadway Albany, New York 12306

#### Prepared by:

OP-TECH Environmental Services, Inc 150 Elmgrove Park Rochester, New York

#### ATTACHEMENT - 1

Compaction Results



701B Chemung Street Horseheads, New York 14845 (607) 739-4033 (607) 739-4085 Fax

www.cmeassociates.com

### IN-PLACE FIELD DENSITY TEST REPORT

PROJECT: 631 Field Street, Johnson City, NY

CLIENT:

**OP-TECH Environmental Services** 

**DATE:** May 6, 2010

**REPORT NO.: 29102S-01-0510** 

TEST METHOD: ASTM D6938-08A

REPRESENTATIVE: M. Hamilton

MATERIAL TYPE/SOURCE: Type 2 subbase/Crusher Run, Hanson Jamesville Quarry

**WEATHER:** Sunny

TEMPERATURE:

60's

PAGE: 1

#### **REMARKS:**

This representative was on site to conduct in-place field density tests.

The test results show that the required percentage of compaction was not achieved at all of the locations and elevations tested using Dry Density data supplied by the client.

Mike with OP-TECH was informed of today's test results.

RES	ULTS:	Final Subgrade	Elevation	= 100.0				l.
Test#	Test Location	Test Elevation	Moisture Content (%)	OMC (%)	Field Dry Density (pcf)	100% Dry Density (pcf)	Compaction Achieved (%)	Compaction Required (%)
1	Main trench, north end	100.0	2.8	6.2	139.1	143.4	97.0	95.0
2	Main trench, center	100.0	3.0	6.2	140.7	143.4	98.1	95.0
3	Main trench, south end	100.0	3.8	6.2	143.4	143.4	100.0	95.0
4	Pipe trench #2	100.0	6.2	7.0	131.6	138.0	99.4	95.0
5	Pipe trench #1	100.0	5.5	7.0	131.0	138.0	94.9	95.0
6	Pipe trench #3	100.0	5.0	7.0	131.4	138.0	95.2	95.0



Director Treated 1
Davinend Tream
) (3) ;
Pipe Teener my
North T
MAIN Ruiding

Frield St.

#### ATTACHEMENT - 2

**Concrete Break Testing** 



701B Chemung Street Horseheads, New York 14845 (607) 739-4033 (607) 739-4085 (Fax)

www.cmeassociates.com

#### CONCRETE INSPECTOR FIELD & LABORATORY TEST REPORT

of 1 Page: 1 Report No.: 29102C-01-0510 Client: OP-TECH Environmental Services Project & Location: 631 Field Street, Johnson City, NY Set 1 of 1 30973 Set L.D.: The fresh concrete was tested in accordance with ASTM C-143, C-173 or C-231, C-1064 and (optional) C-138. 9:45 am No. of Cylinders Cast: Time Sampled: May 7, 2010 Date Sampled: 3 1/2 Sampled From\*: TDSlump (nearest ¼ in): M. Hamilton Sampled By: 5.0 Air Content (%): 10 Truck No.: 49279 Unit Weight (pcf): Ticket No. 70 Concrete Temperature: Quantity of Load: 5.5 cubic yards Ambient Temperature: 60 Water added at Site: 10.0 gallons FIELD DATA Sunny OP-TECH Weather Conditions: Contractor: Admixture Added at Site: Porter's Concrete Mix No.: 4000 Supplier: 4000 Required Strength at 28 Days (psi): Location of Placement: Trench fill-ins slab on grade Where Cylinders are Stored on Site: Inside building The concrete test specimens were made in accordance with ASTM C-3 and tested in accordance with ASTM C-39. Defects in Test Specimen specimen or cap Specimen Cylinders represent this TEST RESULTS Test Maximum Compressive exact location in or type of fracture Test Age Dia. Area concrete pour if not conical Load (lbf) Strength (psi)  $(in^2)$ Date (days) (in) 86500 3060 28.27 5/14 7 6.00 6/04 28 6/04 28 Η Additional Comments: Mike with OP-TECH was informed of the field test results. \*PP = Point of Placement; TD = Truck Chute Discharge

The tests were performed in compliance with the specifications given above unless noted below:

The concrete was <u>not</u> sampled in accordance with ASTM C-172,

The Aggregate Correction Factor was not subtracted from the air meter gauge reading.

The cylinders were initially cured 3 day(s) in the field. For the remaining days, the test specimens were cured in a moist room or water storage tank complying with ASTM C-511.

CME Laboratories are in conformance with ASTM C-1077 and participate in Proficiency Testing Programs administered by CCRL and AASHTO as required for all testing laboratories testing fresh concrete produced according to ASTM C-94, "Ready-Mixed Concrete".



#### ATTACHEMENT - 3

Concrete Disposal

#### Bert Adams Disposal, Inc.

Bert Adams Disposar,
Box 549
Chenango Bridge, NY 13745
(607) 648-4863

INVOICE# 04X00232

INV DATE

04/30/10

300326

ACCOUNT#

DUE DATE

05/25/10

OP-TEC	
1 ADLER DR	
JOB#	
ESYRACUSE NY	13057

MAY 1 2 2010

AMOUNT YOU	•
ARE PAYING	
Phone#	

PLEASE DETACH AND RETURN THIS STUB WITH YOUR PAYMENT

SERVICE ADDRESS:

631 FIELD ST (JC, NY)

DATE	<del></del>	<u> </u>	DESCRIPTION	1				AMOUNT
UNIL	LOCATION:	631 FIELD ST			PRI	OR BALANC	DE	.00
04/09/10 04/22/10	04X00232	DELIVER 2- 1 20Y ROLLO			04/22/10	9.26 tons	S	300.00 416.70
04/22/10 04/27/10 04/27/10	04X00232	1 20Y ROLLO	D CONCRETE	FEE LFEE (T)	04/27/10	<b>16.93</b> tor	ns	300.00 761.85
	S	D-#-	5BH1	10c	SS -	JRC		
		` _			-			·
		e.						
y navi			ere ere ere		Lab grows			
					•			•
	CHARG	ES DUE 5/25/10	DUE UPON RECEI ).WE NOW OFFER CTRONICS RECY	ONSITE	NT			
						Tax	·	142.29
	ì				<del></del>			

TERMS: NET 15 DAYS. 2% SERVICE CHARGE ON UNPAID BALANCE AFTER 30 DAYS. (24% ANNUM)
"IF YOUR ACCOUNT IS TURNED OVER FOR COLLECTION DUE TO UNPAID BALANCES, YOU ARE
RESPONSIBLE FOR COLLECTION COST. ROLL OFFS ARE CHARGED \$5 PER DAY AFTER 7 DAYS ON SITE.

PLEASE PAY THIS AMOUNT

1,920.84

Bert Adams Disposal, Inc. • Box 549 • Chenango Bridge, NY 13745 • (607) 648-4863

#### Bert Adams Disposal, Inc.



Box 549 Chenango Bridge, NY 13745 (607) 648-4863

**INVOICE#** 

05X00444

INV DATE

05/31/10

ACCOUNT#

300326

**DUE DATE** 

06/25/10

**OP-TECH** 1 ADLER DR JOB # WD700836 E SYRACUSE, NY 13057

AMOUNT YOU		
ARE PAYING		
Phone#	_	

PLEASE DETACH AND RETURN THIS STUB WITH YOUR PAYMENT

SERVICE ADDR	RESS: 6	31 FIEL	D ST (JC,	NY)			·	<u> 2</u>	ing na an ining nyaéta agasti		
DATE				DESCRIP	TION					AMOUNT	
05/18/10 05/18/10	LOCATIO 05X00444	N: 631 I 1	FIELD ST 20Y ROLLO D/REMOVE	LAN 20YD CONT SOIL	ILING FEE DFILL FEE (T)	05/18/10		10.04 to		1,920.84 300.00 301.20	
05/31/10	05X00444	1	FINANCE C	HARGE FINA	NCE CHARGE	04/30/10	•			38.42	
							·				
,					DEGE Nun-	[] [] [] 5`2010					
					By						
				·							
	CHAR	GES DU	E 6/25/10.	OUE UPON REC WE NOW OFF TRONICS REC		NT					
	PLEAS	SE SENI	) PASŤ DU	JE AMOUNT IN	MMEDIATELY!			Ta	ĸ	48.10	
INV# 05X0 ACCT# 3003	0444		RENT 37.72	30 DAY 1,920.84	60 DAY	90 DA	·Υ	DATE PAGE	05/31/10 1 OF 1		

1

## ATTACHEMENT – 4

Soil Disposal

#### Bert Adams Disposal, Inc. Box 549



Chenango Bridge, NY 13745 (607) 648-4863

INVOICE#

05X00444

**INV DATE** 

05/31/10

**ACCOUNT#** 

300326

**DUE DATE** 

06/25/10

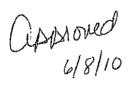
WD700836

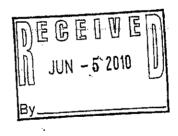
OP-TECH 1 ADLER DR JOB # WD700836 E SYRACUSE, NY 13057 AMOUNT YOU ARE PAYING Phone#

PLEASE DETACH AND RETURN THIS STUB WITH YOUR PAYMENT

631 FIELD ST (IC NV)

DATE	DESCRIPTION						AMOUNT	
	LOCATION:	631 F	IELD ST			PRIOR BALANCE	1,920.84	
05/18/10	05X00444	1	20Y ROLLOFF	HAULING FEE	05/18/10	40.041	300.00	
				LANDFILL FEE (T)		10.04 tons	301.20	
05/18/10			D/REMOVE 20YD CO	NT SOIL			20.15	
05/31/10	05X00444	1	FINANCE CHARGE	FINANCE CHARGE	04/30/10		38.42	





PAST DUE CHARGES DUE UPON RECEIPT-CURRENT CHARGES DUE 6/25/10.WE NOW OFFER ONSITE SHREDDING AND ELECTRONICS RECYCLING. PLEASE SEND PAST DUE AMOUNT IMMEDIATELY!

Tax

48.10

90 DAY CURRENT 30 DAY 60 DAY DATE 05/31/10 05X00444 INV# **PAGE** 1,920.84 1 OF 1 ACCT# 300326 687.72



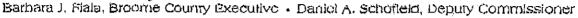
# BERT ADAMS DISPOSAL, INC. P.O. BOX 549 CHENANGO BRIDGE, NY 13745 607-648-4863/FAX 607-648-2455

#### Waste Shipment Record

	a de		Manifest #:	A CONTRACTOR OF THE PARTY OF TH
1	GENERATOR	INFORMATION		
Generator Name:	<del></del>	Bob #:		
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Contaminated Soil		Disposal Facility Permit N	ر ر lumber	-18 #343
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  Other		Relioff	16	60
Description:	,		r	1.
	TRANSPORTER #1. TOTAL	DESTINAT	ION (Disposal Fac	ility)
	BERT ADAMS DISPOSAL, INC.	Disposal Faility's Name:	BROOME COUNTY	LANDEILL
Address:	P.O. BOX 549	Address:	286 KNAPP RD	
City, State, Zip:	CHENANGO BRIGE, NY 13745	City, State, Zip:	RINGHAMTON, NY	13905
Phoле #:	607-648-4863	Phone #:	607-763-4460	<u> </u>
DEC/EPA Permit #:	7A-355	6NYCRR 360 Permit #:		1
Name of Driver (pri	nt):	Name of Authorized Ager	ir (Print) 2 May	
	n .			
Blast	13050	Sales Land Control of Control	"原始,他们是	
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1 11 15 1	Date of Receipt	Authorized Agent	AND THE PROPERTY OF	
Signature of Driver	Date of Receipt	Landfill Ticket Number:		49 150

GG67869789

#### Division of Solid Waste Management Broome County Landfill





286 Khapp Road • Binghamton, New York 13905 (607) 763-4450 • Fax (607) 763-4280 • Website: www.gobroomecounty.com

May 13, 2010

Dana Wells Bert Adams Disposal PO Box 449 Chenango Bridge, NY 13745

RE:

CONTAMINATED SOIL (CS)

PARADIGM ENVIRONMENTAL SERVICES

LAB REPORT # 10-1713

Dear Mr. Wells:

This approval letter is authorization to haul contaminated soil to the Broome County Landfill. This approval is based on the above mentioned lab report. Further, we need to have a copy of your current Part 364 Industrial Waste Transporter permit to haul this material to the landfill. The contaminated soil originates from the following location: BRIGHT OUTDOORS, 631 FIELD STREET, JOHNSON CITY, NY.

You need to bring this letter with you to the Landfill to be allowed to dump the contaminated soil. Also a waste manifest or bill of lading must accompany each load. The charge for bringing the contaminated soil into the Landfill will be at the current tip fee of \$27.00 per ton.

Should you have any questions, please contact me at (607) 778-2932.

Sincerely,

Laurie Haskell (Uh)

Solid Waste Specialist

LH:opc

oc:

Robert Denz, Director, Environmental Health

Lois Dilworth, Nanticoke Landfill CAC Chairman

Scott Ellis, Town of Nanticoke

Richard Hand, Broome County Landfill Supervisor

Vinny Snyder, Op-Tech Environmental

# NON-HAZARDOUS WASTE

#### **NON-HAZARDOUS WASTE MANIFEST**

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.			Manifest Document No.	m+111	2. Page of	1
3. Generator's Name and Mailing Address					ਹੈ. ਜੂ		
<b>8</b>							
4. Generator's Phone ( )	6.	US EPA ID Number		A. State Trans	nortario ID	⊀استنر پر	
5. Transporter 1 Company Name		C. C. H. H. Standar		B. Transporter			
7. Transporter 2 Company Name	8.	US EPA ID Number		C. State Trans	<del></del>	11 11	
	ransporter 2 Company Name 6. 03 EFF 10 Number			D. Transporter 2 Phone			
9. Designated Facility Name and Site Address	10.	US EPA ID Number		E. State Facilit			
11. WASTE DESCRIPTION	F. Facility's Phone			and the second s	.e.		
The state of the s	ga dina		12 Co	(c.t.			
(). WASTE DESCRIPTION			No.	Туре	Total Quantity	v	14. Unit /t./Vol.
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b.			·				
с.	. N 29						
d.	*** ***						, , , , , , , , , , , , , , , , , , ,
G. Additional Descriptions for Materials Listed Abo							
15. Special Handling Instructions and Additional in	nformation						
Austraconsuler Michigenomes provinces associations associations associations					t wed		
16. GENERATOR'S CERTIFICATION: I hereby of in proper condition for transport. The materials	entity that the contents of this shipme	nt are fully and accurately described a	and are in a	all respects			
an broker containing an itemphory the augmenture	, r.		,		i-		
Grintad/Tuned Name		Circustura				Date (a-ith Davi	
. Thise Typeo Hains		Signature	ر دوره د ۱۰ دوره در میدورد در دوره در	>= atipatories p	Α	Month Day	Yea
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17. Transporter 1 Acknowledgement of Receipt of Printed/Typed Name	ryratoriala	Signature	***			Jate Jonth Day	Yes
		Olgrination		<b>.</b>			1
18. Transporter 2 Acknowledgement of Receipt of	Materials	J				Date	
Printed/Typed Name		Signature			٨	Month Day	Yea
19. Discrepancy indication Space							<del>,, I</del>
20. Facility Owner or Operator; Certification of rec	elpt of the waste materials covered b	y this manifest, except as noted in ite	m 19.		Γ	Date	***********
Printed/Typed Name	, , , , , , , , , , , , , , , , , , ,	Signature			Λ	Aonih Day	Year



#### Analytical Report Cover Page

#### Op Tech Environmental

For Lab Project # 10-1713
Issued May 10, 2010
This report contains a total of 8 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.

"E" = Result has been estimated, calibration limit exceeded.

"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.



#### Flashpoint by Pensky-Martin Analysis Report

Client: OP-TECH

Client Job Site:

**Bright Outdoors** 

Lab Project Number:

10-1713

Client Job Number:

631 Field St., Johnson City WD700836

Date Sampled: Date Received:

04/27/2010

•

04/29/2010

Sample Type:

Soil

Date Analyzed:

05/05/2010

Field Number	Field Location	Result (°C)
N/A	Excavated Soil	> 70
<u> </u>		
	N/A	

ELAP Number 10958

Method: SW846 1010

Comments:

°C = degrees Centigrade

Signature:

Bruce Hoogesteger: Technical Director



#### 179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client:

**OP-TECH** 

Lab Project No.:

10-1713

Client Job Site:

**Bright Outdoors** 

Lab Sample No.:

6153

Client Job No.:

WD700836

Sample Type:

**TCLP Extract** 

Field Location:

Excavated Soil

Date Sampled:

04/27/2010

Field ID No.:

N/A

Date Received:

04/29/2010

#### Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	05/03/2010	EPA 6010	<0.100	5.0
Barium	05/03/2010	EPA 6010	0.612	100.0
Cadmium	05/03/2010	EPA 6010	<0.025	1.0
Chromium	05/03/2010	EPA 6010	<0.050	5.0
Lead	05/03/2010	EPA 6010	<0.100	5.0
Mercury	04/30/2010	EPA 7470	<0.0020	0.2
Selenium	05/03/2010	EPA 6010	<0.100	1.0
Silver	05/03/2010	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By:

Bruce Hoogesteger, Technical Director



179 Lake Avenue Rochester, New York 14608 (585) 647-2530 FAX (585) 647-3311

Client:

**OP-TECH** 

Lab Project No:

10-1713

Client Job Site:

**Bright Outdoors** 

Lab Sample No: Sample Type:

6153 TCLP Extract

Client Job No:

WD700836

Date Sampled:

4/27/2010

Field Location:

Excavated Soil

Date Received:

4/27/2010

Date Analyzed:

5/6/2010

#### Herbicide Analysis Report for TCLP Extract

Parameter	Result (mg/L)	Regulatory Limit (mg/L)
2,4,5-TP (Silvex)	ND<0.05	1.0
2,4-D	ND<0.50	10.0

Analytical Method: SW1311/8151

ELAP ID: 10709

Comments:

ND denotes Non Detect.

\*Approved By Technical Director:

Bruce Hoogesteger



#### Pesticide Analysis Report for TCLP Extract

Client: OP-Tech

Client Job Site:

Bright Outdoors

631 Field St, Johnson City, NY

Lab Project Number: 10-1713 Lab Sample Number: 6153

Client Job Number:

W0700836

Date Sampled: Excavated Soil

04/27/2010

Field Location: Field ID Number:

Date Received:

N/A

04/29/2010

Sample Type:

TCLP Extract

Date Analyzed:

05/07/2010

Pesticide Identification	Results in ug / L	Regulatory Limits in ug / L
gamma-BHC	ND< 1.00	400
Chlordane	ND< 1.00	30.0
Endrin	ND< 1.00	20.0
Heptachlor	ND< 1.00	8.00
Heptachlor Epoxide	ND< 1.00	8.00
Methoxychlor	ND< 1.00	10000
Toxaphene	ND< 50.0	500

ELAP Number 10958

Method: EPA 8081

Comments: ND denotes Non Detect ug / L = mlcrogram per Liter

Signature:

Bruce Hoogeste rechnical Director



#### Semi-Volatile Analysis Report for TCLP Extract

Client: OP-TECH

Client Job Site:

**Bright Outdoors** 

631 Field St, Johnson City

Lab Project Number: 10-1713 Lab Sample Number: 6163

WD700836 Client Job Number:

04/27/2010

Field Location: Field ID Number: Excavated Soil N/A

Date Sampled: Date Received:

04/29/2010

Sample Type:

**TCLP** Extract

Date Analyzed:

05/02/2010

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L
1,4-Dichlorobenzene	ND< 40.0	7,500
2.4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	130
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	3000
Nitrobenzene	ND< 40.0	2000
Pyridine	ND< 40.0	5000

Acids	Results in ug / L	Regulatory Limits in ug / L
Cresols (as m,p,o-Cresol)	· ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2000

ELAP Number 10958

Method: EPA 8270C

Data File: \$50936.D

Comments: ND denotes Non Detect ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director



#### Volatile Analysis Report for TCLP Extract

Client: OP-TECH

Client Job Site:

**Bright Outdoors** 

631 Field ST, Johnson City

Lab Project Number: 10-1713

Client Job Number:

WD700836

Lab Sample Number: 6153

Field Location:

Excavated Soil

Date Sampled:

04/27/2010

Field ID Number:

N/A

Date Received:

04/29/2010

Date Analyzed:

04/30/2010

Sample Type:

TCLP Extract

Compounds	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 100	200,000
Carbon Tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethene	31.3	500
Vinyl chloride	ND< 20.0	200

ELAP Number 10958

Method: EPA 8260B

Data File: V74942.D

Comments: ND denotes Non Detect

ug / L = microgram per Liter

Signature:

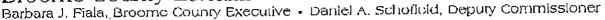
Bruce Hoogesteger: Technical Director

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

# CHAIN OF CUSTODY

No le Ve Ve	REPORTION	THE STINVOIGE TO SEE STATE		
	COMPANY: OP-TECH		LAB PROJECT #: CLIENT PROJ	ECT #:
	-		10-1713 WINDORSE	0830
		STATE (20%)	Turnaround Time: (Working Days)	
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#### Division of Solid Waste Management Broome County Landfill





286 Knapp Road • Binghamton, New York 13905 (607) 763-4450 • Fax (607) 763-4280 • Website: www.gobroomecounty.com

May 13, 2010

Dana Wells Bert Adams Disposal PO Box 449 Chenango Bridge, NY 13745

RE:

CONTAMINATED SOIL (CS)

PARADIGM ENVIRONMENTAL SERVICES

LAB REPORT # 10-1713

Dear Mr. Wells:

This approval letter is authorization to haul contaminated soil to the Broome County Landfill. This approval is based on the above mentioned lab report. Further, we need to have a copy of your current Part 364 Industrial Waste Transporter permit to haul this material to the landfill. The contaminated soil originates from the following location: BRIGHT OUTDOORS, 631 FIELD STREET, JOHNSON CITY, NY.

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Should you have any questions, please contact me at (607) 778-2932.

Sincerely,

Laurie Haskell

Solid Waste Specialist

LH:cpc

cc: Robert Denz, Director, Environmental Health

Lois Dilworth, Nanticoke Landfill CAC Chairman

Scott Ellis, Town of Nanticoke

Richard Hand, Broome County Landfill Supervisor

Vinny Snyder, Op-Tech Environmental

100% POST CONSUMER RECYCLED



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Facility DEC ID 7-0399-00027

### PERMIT

# Under the Environmental Conservation Law (ECL)

# Permittee and Facility Information

Permit Issued To: BROOME COUNTY GOVERNMENT PLZ BOX 1766 BINGHAMTON, NY 13902° (607) 778-2109

Facility: BROOME COUNTY LANDFILI 286 KNAPP RD 🐗 BINGHAMTON, NY 13905

Facility Application Contact: LAURIE HÄSKELL BROOME CO DIV OF SOLID WASTE MANAGEMENT 44 HAWLEY ST - PO BOX 1766 **BINGHAMTON, NY 13902-1766** (607) 778-2250

Facility Permit Contact: PATRICK J BRENNAN BROOME CO DIV OF SOLID WASTE MGMT

44 HAWLEY ST PO BOX 1766 BINGHAMTON, NY 13902 (607) 778-3947

Facility Location: In MULTIPLE TOWNS in BROOME COUNTY Facility Principal Reference Point: NYTM-B: 419829 - NYTM-N: 4676965 - 12-25 - 12-25 Latitude: 42°14'26.6" Longitude: 76°58'40.0".

Latitude: 42°14'26.6" Longitude: 76°58'40.0".

Authorized Activity: Proposed modifications to the Broome County Landfill permit include design changes to the access to Section IV of the landfull which was the subject of a Supplemental Environmental Impact Statement (SEIS) that was finalized in December 2007. The access design was originally an at-grade entrance into Section IV. The SEIS evaluated alternatives including an overbass/underpass on Dunham Hill Road, a driveway off Dunham Hill Road with a queuing area for trucks, a scale house, inbound and outbound scales, customer convenience area for refuse disposal, recycling drop-off area and an area for development of supplemental processing within the current," property boundary. The result of the SEIS is an at-grade entrance with a realignment of Knapp Road and changes to the line-of-sight on Dunham Hill Road at the point of the entrance. Other changes to the permit include-consolidating the separately issued Household Flazardous Waste Permit in its entirety into the landfill permit. In addition, the permittee proposes to eliminate an outdated monitoring requirément.

#### Permit Authorizations

Solid Waste Management - Under Article 27, Title 7 ing place for the single

Permit ID 7-0399-00027/00002

Expiration Date: 3/22/2011 Effective Date: 1/23/2002 Modification # 0 Expiration Date: 3/22/2011 Effective Date: 3/31/2003 Modification # 0 Expiration Date: 3/22/2011 Effective Date: 5/17/2004 Modification # 0 Expiration Date: 3/22/2011 Effective Date: 10/7/2009 Modification # 1

Page 1 of 19

# Permit Authorizations

Solid Waste Management - Under Article 27, Title 7

Permit ID 7-0399-00027/00002

Modification #0 Modification #0

Modification #0 Modification #1

Effective Date: 1/23/2002

Effective Date: 3/31/2003 Effective Date: 5/17/2004 Effective Date: 10/7/2009 Expiration Date: 3/22/2011

Expiration Date: 3/22/2011 Expiration Date: 3/22/2011 Expiration Date: 3/22/2011

# NYSDEC Approval

By acceptance of this permit, the permittee agrees that the permit is contingent upon sinict compliance with the ECL, all applicable regulations, and all conditions included as part of this permit.

Permit Administrator: MICHAEL K BARYLSKI, Deputy Regional Permit Administrator NYSDEC REGION 7 CORTLAND SUB-OFFICE

Address.

1285 FISHER AVE

CORTLAND, NY 13045 -1090

Authorized Signature:

Distribution List

LAURIE HASKELL PATRICK J BRENNAN THOMAS E ANNAL JAMES E GRUPPE JAIME PEANG 

# Permit Components

SOLID WASTE MANAGEMENT PERMIT CONDITIONS

GENERAL CONDITIONS, APPLY

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Page 2 of 19

# ATTACHEMENT – 5

Radon Away Fan RP-265 Warranty

PAGE

72

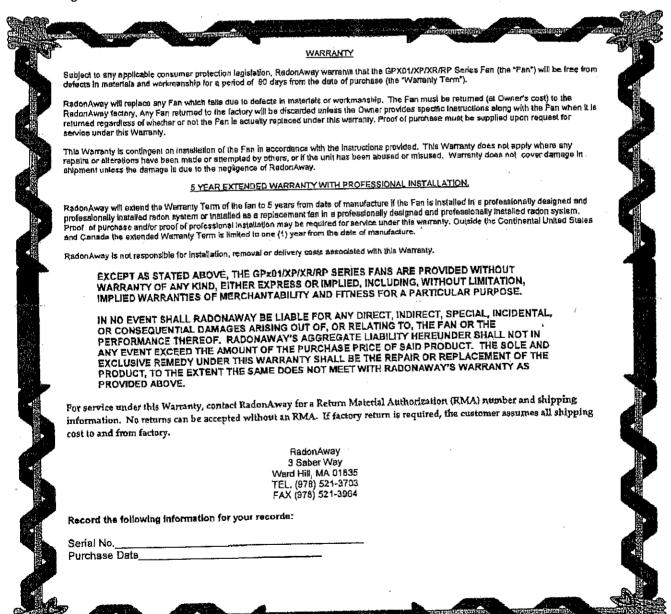
97.83744881

#### IMPORTANT INSTRUCTIONS TO INSTALLER

Inspect the GPx01/XP/XR Series Fan for shipping damage within 15 days of receipt. Notify RadonAway of any damages immediately. Radonaway is not responsible for damages incurred during shipping. However, for your benefit, Radonaway does insure shipments.

There are no user serviceable parts inside the fan. Do not attempt to open. Return unit to factory for service.

Install the GPx01/XP/XR Series Fan in accordance with all EPA standard practices, and state and local building codes and state regulations.





# Dynameter™ Vacuum <sup>¹</sup> Gauge P/N 50006-1

0

INSTALLATION INSTRUCTIONS:

1. Select location on the vertical suction pipe where the vacuum gauge is to be mounted. Pipe surface should be clean and dry.

2. Reviews end cape from both tube ends. Hold gauge upright to prevent loss of gauge fluid.

Warning: Do not lingest gauge fluid.

Caution: Gauge fluid will stain if split.

3. Remove protective backing from the foam laps on the back of the unit and firmly press into place on piping.

4. Allow fluid to stell it in gauge for several minutes and then zero the gauge by skiding the tube until the tops of both columns align with the zero mark on the pressure scale.

The gauge may be fixed in this position using the mounting screw provided.

5. Drits a 2/16" hole in piping 2 inches below the top of the gauge.

Positioning the hole below the top of the gauge will prevent condensation from potentially collecting in the u-tube gauge.

# 6. Insert viryl tubing into either opening in gauge tube and push firmly. 7. Install and of the tubing into drilled hole. Apply cauting for eitilght connection. 5. Fill out label using as indelible marker. 9. Remove backing and posttlon label need to vacuum gauge ensuring the arrow is tined up with the gauge zero.

#### WARRANTY

NAWBY 3 Sahar Way Ward Hill, MA 01836 TEL (978) 521-3703 FAX (978) 521-3864

Page 1 of 1

P/N INDIO Rev D

ATTACHEMENT - 6

**Project Daily Reports** 

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16	13	E-008 1 Ton Utility						544.7		M-23 85g Steel Overpack Dr				
10	<del>                                     </del>	E-020 Wet Vac				ļ	<b> </b>			M-10 Sorbent Pads 100's M-11 Sorbent Pads 200's	1			
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25		E-022 Dump Truck			<del>  `</del> -	بد	-	ľ	SOR2	M-25 Speedi Dri		<u>†                                    </u>		
22		E-028 Backhoe	<u> </u>		<del> </del> -	<del>                                     </del>		۱		Tyvek Suit, Polycosted		-		_
03		E-004 Tractor	1		┼──			1		Bools, Pullover				-
28		E+006 Lowboy	ļ			<del> </del>	<del></del>			Boot Covers		∄	<u></u>	<del> </del>
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49		E-054 Sonic Interface	<del>`</del>		<del> </del>	_		1	HS11	Gloves, PVC	-		<del> </del>	
37		E-051 Generator	-		1	1			MIS2	3 Poly Sheeting, 6m.	<del></del>	_}}-		
36		E-048 Compressor	<del> </del>		-				MISS	7 Poly Tresh Bags		-[]		-
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MAY 0 4 2010

NYS DEC Remediation DPR (Rev. 2005.01) ally Description: SAW CUT TRAICH
AD CARRACK, SAW CUT RELEWIS Date: "4/20/10 -TUES Daily Description: Job #: WO 700 836 Site: \_ 940 ST. JC REGISTE OUT CULTERATE LABOR (EE CODE to be completed by Office BILL CODE LAST NAME FIRST INITU EE CODE TIME IN BREAK TIME OUT 10 (700 -20 Holle, M MATERIALS TAKEN FROM STOCK EQUIPMENT DUANTITY BILL CODE DESCRIPTION EQUIPMENT FLEET #'s TIME IN TIME OUT BILL CODE OTY FER. 653 1700 1701/10 DR29 M-22 55g Steel Open Drum E-002 1/2 Ten Uilliy DR15 M-23 85g Steel Overpack Dr E-003 1 Ton Utility SOR09 M-10 Sorbent Pade 100's E-020 Wet Vac 10 SOR10 M-11 Sorbent Pads 200's E-085 WeVDry Vec 11 609 0700 1700 SOR01 M-13 Sorbent Boom 5 007 SOR02 M-12 Sorbent Boom 8" 25 E-022 Dump Truck SOR24 M-25 Speed Diff E-028 Backhos 22 HS24 Tyvek Sult, Polycoaled 03 E-004 Tractor HS01 Boots, Pulicyer 28 E-006 Lowboy HS03 Boot Covers 71 E-055 4 Gas Mater HS10 Gloves, Nitrile 71 E-055 PID Meter HS08 Gloves, Leather 49 E-054 Sonic Interface HS11 Gloves, PVC 37 E-051 Generator MIS23 Poly Sheeting, 6m. 36 E-048 Compressor MIS57 Poly Trash Bags ΕZ E-034 Excevator-Tk Con. Cutter 999 10 MIS47 Duct Tape Eb5: CHE05 Degreeser HS17 Resp. Certridges Protection Level: (circle one): APPROVAL SIGNATURES COSTS TO COME THROUGH MP (VENDORS, SUBS, DISPOSAL, LABS, ETC. OP-TECH Foreman SAL OP-TECH Manager Customer Signature

Customer Name & Titls

MAY 0 4 2010

NYS DEC Remediation DPR (Rev. 2006.01) Daily Description: BEDW TROUBLER PLD Daily Description: RAIGHTOUTDOURS LABOR (BE CODE to be completed by C EE CODE | TIME IN | BREAK TIME OUT EE CODE TIME IN BREAK TIME OUT 1750(10,5) HARDORSIM ZZULO700 1730110.5 2740 0700 MATERIALS TAKEN FROM STOCK EQUIPMENT BILL CODE EQUIPMENT FLEET # TIME IN TIME OUT DR29 M-22 550 Steel Open Drum PER. 653 1700 1730 10,5 E-002 1/2 Ton Utility 18 DR 15 M-23 85g Steel Overpack Dr E-003 1 Ton Utility 16 SOR09 M-10 Sorbent Pade 100's 10 E-020 Wet Vac SOR10 M-11 Sorbant Pads 200's E-065 WeVDry Vac 11 SOR01 M-13 Sorbent Boom 5" E-007 Box Trailer 04 SOR02 M-12 Sorbent Boom 8\* SOR24 M-25 Speed Di 25 J. E-028 Backhoe HS24 Tyvak Sull, Polycouled E-004 Tractor HS01 Boots, Pullover 28 HS03 Boot Covers 71 HS10 Gloves, Nitrile 71 E-055 PID Meter HS08 Gloves, Leather E-054 Sonic Interface 49 HS11 Gloves, PVC E-051 Generator 37 MIS23 Poly Sheeting, 5m. 36 MIS57 Poly Trash Bags E-034 Excavalor-Tk EZ. 105 MIS47 Duct Tape 999 Jackham F057 10.5 CHE05 Degresser 999 **SkidStea** E039 HS17 Resp. Cartridges 999 Excavo Protection Level: (circle one): 1033 APPROVAL SIGNATURES COSTS TO COME THROUGH AIP IVENDORS, SUBS, DISPOSAL, LABS, ETC. OP-TECH Foreman MSTA TUNCATUL OP-TECH Manager

Customer Signature

Customer Name & Titls

NYS DEC Remediation DPR (Rev. 2006.01) Date: 4/22/10 74/23.

Job#: 110700836

Site: RULHT DUTOCOPS FINISH PERIOH JACKHAMAGE Daily Description: AD RENOUTE. LODOBE OUT CONCRETE. LABOR IEE CODE to be completed by C EE CODE TIME IN BREAK TIME OUT LID HARDASM 1700 (10) 3241 0700 1800(17 374070 MATERIALS TAKEN FROM STOCK EQUIPMENT DESCRIPTION DUANTITY EQUIPMENT PLEET #1 TIME IN TIME OUT HRS DR29 M-22 550 Steel Open Drum 700 1800 PYRS E-002 1/2 Ton Utilly DR15 M-23 850 Steel Overpack Dr E-003 1 Ton Utility 16 SOR09 M-10 Sorbent Pads 100's 10 SOR 10 M-11 Sorbent Pads 200's E-085 Wel/Dry Vac 11 SOR01 M-13 Sorbent Boom 5" E-007 Box Trailer SOR02 M-12 Sorbent Boom 8" E-022 Dump Truck 25 SOR24 M-25 Speed Diff E-028 Backhoe HS24 Tyvek Sull, Polycoeled E-004 Tractor HSD1 Boots, Pullover E-006 Lowboy HS03 Boot Covers E-055 4 Gas Meter 71 HS10 Gloves, Nitrile 71 E-055 PID Meter HS08 Gloves, Leather E-054 Sonic Interface 49 HS11 Gloves, PVC E-051 Generator 37 MIS23 Poly Sheeting, 6m. 36 E-D4B Compressor MIS57 Poly Trash Bags E-034 Excavator-Tk MIS47 Duct Tape CHE05 Degreeser HS17 Resp. Cartridges Protection Level: (circle one): 999 10 Excava APPROVAL SIGNATURES coets to come through Ap (vendors, subs, disposal\_ labs, etc.) EQUIPMUT OP-TECH Foreman MSTING ROCKOLL NSPOSM OP-TECH Manager Customer Signature Customer Mame & Titls

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28	EGGS 4 GP4 EVERA.						_		Book Covers		<del>  </del>			1.
71	E-050 PID Motor								Gloves, Hitchs		<b>!</b>	+		1
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NYS DEC Remodiation DPR (Rev. 2005.01) Daily Description: GNISH WEAN IN CF Date & Z3/10-FRI.

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CIGAN OF: Site: BRIGHT ONDORS. Daily Description: JEE CODE to be completed by Office Admiristrate LABOR BILL CODE LAST NAME FIRST INTIAL EE CODE TIME IN BREAK TIME OUT 1740 (10 LIO HARGERSIA 324 0740 HUSCHM 3740020 1200 10 MATERIALS TAKEN FROM STOCK EQUIPMENT DUANTITY BILL CODE DESCRIPTION EQUIPMENT FLEET F. TIME IN TIME OUT PER 053 074 1700 10 DR29 M-22 55g Steel Open Drum E-002 1/2 Ton Utility DR15 M-23 85g Steel Overpeck Dr E-003 1 Ton Utility 16 SOR09 M-10 Sorbent Pada 100's E-020 Wet Vac 10 SOR 10 M-11 Sorbent Peds 200's E-065 Wel/Dry Vac 11 SOR01 M-13 Sorbent Boom 5" E-007 Box Trailer 04 SOR02 M-12 Sorbent Boom 8" E-022 Dump Truck 25 SOR24 M-25 Spreed, Drive 22 E-028 Backhos HS24 Tyvek Suit, Polycoeted E-004 Tractor HS01 Boots, Pullover E-006 Lowboy HS03 Boot Covers E-056 4 Gas Mater 71 HS10 Gloves, Nitrila 71 E-055 PID Meter HS08 Gloves, Leather E-054 Sonic Interface 49 HS11 Gloves, PVC E-051 Generator 37 MIS23 Poly Sheeting, 6m. 36 E-048 Compressor MIS57 Poly Trash Bags E-034 Excavalor-Tk ΕZ MIS47 Duct Tape CHE05 Degreaser HS17 Resp. Cartridges Protection Level: (circle one): 999 10 Excara APPROVAL SIGNATURES COSTS TO COME THROUGH AIP IVENDORS, SUBS, DISPOSAL, LABS, ETC. DESCRIPTION OP-TECH Foreman Skis Min I BUSTUB BUSTOM'S MAY 0 4 2010; OP-TECH Manager Customer Signature Customer Name & Titls

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NYS DEC Remodistion DPR (Rev. 2008.01) FINISH EKLANATA) IK Daily Description: LABOR IEE CODE to be completed by Office Arts EE CODE TIME IN 3241620 E10 HARDLEY, M 1720 ( 10 10 3740 0200 1=9 HUSKKIM 1700 MATERIALS TAKEN FROM STOCK EQUIPMENT EQUIPMENT PLEET FOR TIME IN TIME OUT QUANTITY BILL CODE DESCRIPTION CHARTITY BILL CODE PER/6530700 1700 DR29 M-22 55g Steet Open Drum E-002 1/2 Ton Utility 16 DR15 M-23 85g Steel Overpack Dr 16 E-003 1 Ton Utility SOR09 M-10 Sorbent Pads 100's 10 E-020 Wel Vac SOR 10 M-11 Sorbent Pads 200's 11 E-065 Wel/Dry Vac SOR01 M-13 Soment Boom 5" 04 E-007 Box Trailer SOR02 M-12 Sorbent Boom 8" 25 E-022 Dump Truck SOR24 M-25 Speedi Diff --; E-028 Backhoe 22 HS24 Tyvek Suit, Polycomled E-004 Tractor HS01 Boots, Pullover 28 E-006 Lowboy HS03 Bool Covers 71 E-055 4 Gas Meter HS10 Gloves, Nitrile 71 E-055 PID Meter HS08 Gloves, Leather E-054 Soric Interface 49 HS11 Gloves, PVC E-051 Generalor 37 MIS23 Poly Sheeting, 6m. 36 E-048 Compressor MIS57 Poly Trash Bags MIS47 Duct Tape Slud5+ 999 10 CHE05 Degreaser Breava ID HS17 Resp. Cartridges Protection Level; (circle one); APPROVAL SIGNATURES COSTS TO COME THROUGH AP (VENDORS, SUES, DISPOSAL, LARS, ETC.) OP-TECH Foreman Mash 5/200 Ed Williams BUTADAS OP-TECH Manager Customer Signature MAY 11 2010

Customer Name & Titls

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	-7/	TYPE	UIPMENT EQUIPMENT		TIMEIN	TIME OUT	>4IPS	ŀ	BILL CODE	DESCRIPTION		BILL CODE		IPTION	QUANTIT		
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11		E-065 Wall Dry Vac						2:1		M-13 Sorbent Boom 5"							
04		E-007 Box Trailer					-	101									
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22		E-028 Backhoe					1,		•	M-26 Speed Diversity			ļ <del></del>				
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28		E-006 Lowbay							HS01	Bools, Pullover							
71		E-055 4 Gas Meier						H	HS03	Boot Covers		<u> </u>					
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71		E-055 PID Meter						H	HS08	Gloves, Leather							
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GP-TEGR Ry's DEC Remodizion CPR (rev. 2012.01)

133	INVEDEC REMECLETON DER (NOV. 2016.01)  INVEDEC REMECLETON DER (NOV. 2016.01)  IN Description: CARR DAUGNE EXITHOURS DETE: "4/78/10-4/20/  OR PLUMBING PARTIES DESCRIPTION JOB # 1,00700836  CO KTUMBING OF BUILDING BELON BUNNES. Site: BUGHT NUTMORE												
Daily	escription:	CAPG		art	160	£VI	THOU	۶۶ Date:	4	78/18	0-6 km	Ţ.	
	PUMBING	Dai	inte	N P	194	Eno	~1	Job #:	100	700	<i>836</i>		
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BILL CODE		EQUIPMENT	PLEET #4	TIME IH	TIME OUT	ARS	BILL CODE		CHINATO		DESCRIPTION	YITTRALIC	
15	2 E-002 1/2 Ton Utility		274			10	DR29	M-22 55g Sleet Open Drum					
16.	. E-003 1 Ton Utility		,			$\subseteq$	DR15	M-23 85g Steel Overpack Dr				1	
10	E-020 Wet Vac						SOR09	M-10 Sorbent Pads 100's					
11	E-065 Wet/Dry Vac		i.				SOR10	M-11 Sorbent Pads 200's					
04	E-007 Box Trailer						SOR01	M-13 Serbent Boom 5"					
25	E-022 Dump Truck	1		• •				M-12 Sorbent Boom B				-	
22	E-028 Backhoe	ļ <u>.</u>			<u>ب</u>		SOR24	M-25 Speed Division	<u> </u>				
03	E-004 Tractor							Tyvek Sult, Polycosted					
28	E-006 Lowboy	<u> </u>				j		Boots, Pullover					
71	E-055 4 Gas Meler					· - i		Boot Covers					
71	E-055 PID Meter							Gloves, Nitrile				<del>                                     </del>	
49	E-054 Sonic Interface					<u> </u>		Gloves, Leather				1	
37	E-051 Generator		-			<b> </b>		Gloves, PVC				<del>                                     </del>	
36	E-048 Compressor							Poly Sheeting, 6m.				<del>  </del>	
EZ	E-034 Excavator-Tk	<del>- ,</del>		$\dashv$			i i	Poly Trash Bags			• ,		
24								Duct Tape Degreaser					
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RYS DEC Remediation DPR (Rev. 2008.61) Date: "4/28/10 - 6/20. Daily Description: L'Ashart 417 per Mile Grelod and Charled air in thes Job#: WD 700 836 Site: Bugnt Duthlos Johnsol by LABOR (EE CODE to be completed by Office Adm 5∞( 3421 200 1-20 Johnson G 200 MATERIALS TAKEN FROM STOCK EQUIPMENT OUANTITY BULL CODE DESCRIPTION EQUIPMENT PLEET # TIME IN TIME OUT . HRS DR29 M-22 55g Steel Open Drum E-002 1/2 Ton Utility DR15 M-23 85g Steel Overpack Dr E-003 1 Ton Utility 16 SOR09 M-10 Sorbent Pads 100's E-020 Wet Vac 10 SOR 10 M-11 Sorbent Pads 200's E-085 Wet/Dry Vac 11 SORD1 M-13 Sorbent Boom 5\* E-007 Box Traller 04 SORO2 M-12 Sorbent Boom 8\* 25 E-022 Dump Truck SOR24 M-25 Speed Dire E-028 Backhoe 22 HS24 Tyvek Suit, Polyconied E-004 Tractor 03 HSD1 Boots, Pullovar E-006 Lowboy 28 HS03 Boot Covers F-055 4 Gas Meter 71 HS10 Gloves, Nitrile E-055 PID Meter 71 HS08 Gloves, Leather 49 E-054 Socio Interface HS11 Gloves, PVC 37 E-051 Generator MIS23 Poly Sheeting, 5m. E-048 Compressor 36 MIS57 Poly Trash Bags E-034 Excavator-Tk ΕZ MIS47 Duct Tape CHE05 Degreaser HS17 Resp. Cartridges Protection Level: (circle one): APPROVAL SIGNATURES COSTS TO COME THROUGH AIP (VENDORS, SUBS, DISPOSAL, LARS, ETC.) OP-TECH Foreman Sisele Suido OP-TECH Manager Customer Signature MAY 11 2010'

Customer Name & Title

RYS DEC Remediation DPR (nev. 2009.01) Travel to Jamesville, it Daily Description: Site: GREAT outdook site IEE CODE to be peripleted by Office An LABOR 3153 7 Aug MATERIALS TAKEN FROM STOCK EQUIPMENT DUANTITY BILL CODE DESCRIPTION QUANTITY EQUIPMENT PLEET FA TIME IN TIME OUT DR29 14-22 55g Steel Open Drum E-002 1/2 Ton Utility DR15 M-23 85g Steel Overpack Dr E-003 1 Tan Utility 16 SOR09 M-10 Sorbent Pads 100's 10 E-020 Wel Vac SOR10 M-11 Sorbent Pads 200's E-065 Wel/Dry Vac 11 SOR01 M-13 Sorbent Boom 5\* E-007 Box Trailer 04 SORD2 M-12 Sorbent Boom 8" E-022 Dump Truck 25 SOR24M-25 Speed Di E-028 Backhoe 22 HS24 Tyvek Sull. Polycoeiad E-004 Tractor 03 HS01 Boots, Pullover E-006 Lowboy 28 HS03 Boot Covers E-055 4 Gas Meler 71 HS10 Gloves, Nitrila E-055 PID Meter 71 HS08 Gloves, Leather E-054 Sonic Interface 49 HS11 Gloves, PVC E-051 Generator 37 MIS23 Poly Sheeting, 6m. 36 MIS57 Poly Trach Bags ΕZ E-034 Excevator-Tk MIS47 Duct Tape CHE05 Degresser HS17 Resp. Cartridges Protection Level: (circle one): APPROVAL SIGNATURES COSTS TO COME THROUGH AIP (VENDORS, FUES, DISPOSAL LARS, ETC. OP-TECH Foreman Fringen Stone QUELY OP-TECH Manager Customer Signature MAY 11 2010 Customer Name & Title

NYS DEC Estischedon DPR (A.v. 2005.01) Date: 4/29/10 - Thurs.
Job #: (1) \( \) 700836 Dally Description: LABOR MATERIALS TAKEN FROM STOCK EQUIPMENT PEC. 824 (1700 1700 E-002 1/2 You Littlity DR15 M-23 85g Steel Overpack Dr E-003 1 Ton Utility SOR09 M-10 Sorbent Pads 100's 10 SOR10 M-11 Sorbent Pads 200's 11 SOR01 M-13 Sorbent Boom 5" E-007 Box Trailer 04 SOR02 M-12 Sorbent Boom 8" 25 SOR24 M-25 Speedi Did 22 E-028 Backhoe HS24 Tyvek Suri, Polycoaled 03 HS01 Boots, Pullover 28 E-006 Lowboy HS03 Boot Covers 71 E-055 4 Gas Meter HS10 Gloves, Nitrile 71 HS08 Gloves, Leather 49 HS11 Gloves, PVC 37 E-051 Generator MIS23 Poly Sheeting, 5m. 36 MIS57 Poly Trash Bags MIS47 Duct Tape CHE05 Degrezser HS17 Resp. Cartridges Protection Level: (circle one); APPROVAL SIGNATURES OP-TECH Foreman 300776 OP-TECH Manager Customer Signature

Customer Name & Titls

MAY 11 2010'

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BILL CODE		TYPE	EQUIPMENT	FLEET ##				BILL CODE		PUNTITY	BILL CODE	DESCRI	PTION	CUARTIT
16	2	E-002 1/2 Ton Utility	FGR,	XZ4	()7(2)	6.100	(0)	à	M-22 55g Sleel Open Drum	<del>  -  </del>		<del></del>		<b>-</b>
16	ļ	E-003 1 Ton Utility				 		<u> </u>	M-23 85g Steel Overpack Dr			<u></u>		<del></del>
10	ļ	E-020 Wat Vac	<del> </del>					<u>.</u>	M-1D Sorbent Pads 100's					
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04	<del>                                     </del>	E-007 Box Trailer						â	M-13 Sorbent Boom 5"	<del> </del>		·		
25	<del> </del>	E-622 Dump Truck					,1	6	M-12 Serbent Boom 8" M-25 Speedi Diff		3	-		
22	<del> </del>	E-028 Backhoe						2	75					
03	-	E-004 Tractor				-			Tyvek Suit, Polycosted	-				
28	ļ —	E-006 Lowboy						3	Boots, Pullover Boot Covers					
71	<del> </del>	E-055 4 Gas Meter						HS10						
71	ļ	E-055 PID Meter			•			-	Gloves, Leather					
49	├	E-054 Sonic Interface						4	Gloves, PVC			,		
37	<del> </del>	E-051 Generator						3	Poly Sheeting, 6m.			,		
36	<del>                                     </del>	E-048 Compressor							Poly Trash Begs				- 1	
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MAY 1 1 2010

Daily Description:

CARACT POLICY RE(ALL)

Date: 578/10 MOLDRA

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Site: ROBERT OUTSUC.

SITE: ROBERT

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10	E-020 Wel Vac					SOR	9 M-10 Sorbent Pads 100's	-				
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04	E-007 Box Trailer					SOR	1 M-13 Sorbent Boom 5"			·····	_	_
25	E-022 Dump Truck				<u> </u>	H.T.	2 M-12 Sorbent Boom 8"					
22	E-028 Backhoe			جس	e£.	SOR	A M-25 Speedi Di			<del></del>		
03	E-004 Tractor					HS2	Tyvek Suit, Polycoated			· 		
28	E-DD6 Lowboy		# Jat			HS0	Boots, Pullover	1				- 12. 13.
71	E-055 4 Gas Mater		學家		-, -	HS0	Boot Covers			· · · · · · · · · · · · · · · · · · ·	`	į,
71	E-055 PID Meter					HS10	Gloves, Nitrile					ű.
49	E-054 Sonic Interface					HS08	Gloves, Leather		<u>}</u>			
37	E-051 Generator					HS1	Gloves, PVC					
36	E-048 Compressor					MIS2	Poly Sheeting, 5m.					
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04		E-007 Box Trailer						SOR01	M-13 Sorbent Boom 5"					
25		E-022 Dump Truck						· ·	M-12 Sorbent Boom 8"					
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03		E-004 Tractor	<del> </del>					HS24	Tyvek Suit, Polycosted	<u> </u>  ;				
28		E-D05 Lowboy						HS01	Boots, Pullover					
71		E-055 4 Gas Meter						HS03	Bool Covers					
71		E-055 PID Meter						HS10	Gloves, Nitrile	1				
49		E-054 Sonic intertace						HS08	Gloves, Leather					
37		E-051 Generator						HS11	Gloves, PVC	15				
35		E-048 Compressor	_					MIS23	Poly Sheeling, Bm.			:		
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238		SUUS GER	999				ID	MIS47	Duct Tape		<u> </u>			
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		o cone mpondulos	VENUE S	IRR Pier	142	ETG!			APPROVA	L SIGN.	ATURES			
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16			E-002 1/2 Ton Utility					<u> </u>	Ì	DR29	M-22 S5g Steel Open Drum	<del> </del>	_		<del></del>		
11	16		E-003 1 Ton Utility					·	l			ļ					
SORO*   M-15 Sorbent Boom 5"   SORO*   M-15 Sorbent Boom 6"	10		E-020 Wet Vac						ı	SOROS	M-10 Sorbent Pads 100's	┼	[				
25   1   1   1   1   1   1   1   1   1	11		E-065 Wet/Dry Vac	]				<u> </u>				<del></del>	-8		····		
SOR24   M-25 Speed  Diff   O3	04		E-007 Box Trailer			-				SORUI	M-13 Sorbent Boom 5"		\{\langle}				
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HS01   Boots, Pullover	22		E-026 Backhoe				بد	<u> </u>		SOR24	M-25 Speed, Div	<u> </u>	-				
71 E-055 4 Gas Meter	- 03		E-004 Tractor						ľ	HS24	Tyvek Sult, Polycosted		-1				
HS10   Gloves, Nitrile   HS08   Gloves, Leather   HS08   Gloves, Leather   HS08   Gloves, Leather   HS11   Gloves, PVC   HS11   Gloves, PVC   HS11   Gloves, PVC   HS11   Gloves, PVC   HS12   Poly Sheating, 6m.   HS13   Poly Sheating, 6m.   HS15   Poly Trash Bags   HS17   Poly Trash Bags   HS17   Resp. Cartridges   Protection Level: (circle one):   A B C   Costs to collect through Air (vendors, sues, disposal (ABS, ETC.)   NAME   Description   PPROVAL SIGNATURES   P	28		E-ODS Lowboy							HS01	Boots, Pullover	<del> </del>	-				
49 E-054 Bonic Interface # HSD8 Gloves, Leather  37 E-051 Generator # HS11 Gloves, PVC  36 E-048 Compressor # MIS23 Poly Sheating, 6m.  EZ E-034 Excavalor-Tk # MIS57 Poly Tresh Bags # MIS47 Duct Tabe  CHE05 Degresser # HS17 Resp. Cartridges # Protection Level: (circle one):  A B C  COSTS TO COME THROUGH AP (VENDORS, SUES, DISPOSAL LABE, ETC.)  NAME DESCRIPTION  OP-TECH Foreman	71		E-055 4 Gas Meter	1					j	HS03	Boot Covers		-1				
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36 E-048 Compressor  EZ E-034 Excavalor-Tk  MIS23 Poly Sheeting, 6m.  MIS27 Poly Tresh Begs  MIS47 Duct Tape  CHE05 Degresser  HS17 Resp. Cartridges  Protection Level: (circle one):  A B C  COSTS TO COME THROUGH AP (VENDORS, SUES, DISPOSAL (ABE, ETC.)  NAME  DESCRIPTION  OP-TECH Foreman	49		E-054 Bonic Interface						100	HSD8	Gloves, Leather		_}}		<u>.                                    </u>		
EZ E-034 Expansion-Tk MIS57 Poly Tresh Bags  MIS47 Duct Tape  CHE05 Degresser  HS17 Resp. Cartridges  Protection Levet: (circle one):  A B C  COSTS TO COME THROUGH AP (VENDORS, SUES, DISPOSAL LABS, ETC.)  NAME  DESCRIPTION  OP-TECH Foreman	37		E-051 Generator						4	HS11	Sloves, PVC	ļ	-[				
MIS47 Duct Tabe  CHE05 Degresser  HS17 Resp. Certridges  Protection Level: (circle one):  A B C  COSTS TO COME THROUGH AP (VENDORS, SUES, DISPOSAL LABE, ETC.)  NAME  DESCRIPTION  OP-TECH Foreman	36		E-048 Compressor						i	MIS23	Poly Sheeting, 6m		-11				— F.
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COSTS TO COME THROUGH AFF (VENDORS, SUES, DISPOSAL LABE, ETC.)  NAME  DESCRIPTION  OP-TECH Foreman									:	HS17	Resp. Centridges		냄	<u></u>		- le (c'!	
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NAME DESCRIPTION FOR THE FOREIGN	COSTS TO COME THROUGH AFF (VENDORS, SUES, DISPOSAL, LABE, ETC.)										APPROVA	LSIG	N/	TURES			
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OP-TECH Manager  Customer Signature  Customer Warra & Title	<u> 1-100</u>	Hanson 18			<u> </u>			- E		UF-1EU		)			/i .		
Customer Signature  Customer Name & Title	<u></u>								The state of	OP-TEC	d Manager /	Le	Δe	le	tel	<u>d0</u>	24
Customer Name & Title MAY 14 2000 ii							<del></del>		The same	Custome	r Signeture						1755271
									THE WAY 14 200						ú		

MYS DEC Remediation DPR (Rev. 2005.01) Date: " 5/5/10 -11/ed. CAUTINET. FLIMBISTOR Daily Description: OUTSIDE STOCKS, ENGINEEDE & WARNING JOB#: 100 700836 1080. PROOF PEES. Site: RRUGHT ATDOORS LABOR (EE CODE to be completed by Office Administrator) L-10 Harshes, M 3241 700 1700 0 1700 00 3740 700 4-91 NUBILBUM MATERIALS TAKEN FROM STOCK EQUIPMENT QUANTITY BILL CODE DESCRIPTION BILL CODE PSR 924 0700 1700 10 DR29 M-22 55g Steel Open Drum Z E-062 1/2 Ton Utility DR 15 M-23 85g Steel Overpack Dr E-003 1 Ton Utility 16 SOR09 M-10 Sorbent Page 100's E-020 Wet Vac • 10 SOR10 M-11 Sorbent Pads 200's 11 E-085 Wel/Dry Vec SOR01 M-13 Sorbent Boom 5" 04 E-007 Box Trailer SOR02 M-12 Sorbent Boom 8" 25 E-022 Dump Truck SOR24 M-25 Speed D J: 22 E-028 Backhoe HS24 Tyvek Sull, Polycoeled 03 E-004 Tractor HS01 Boots, Pullover E-006 Lowboy 28 HS03 Boot Covers 71 E-055 4 Gas Meter HS10 Gloves, Nitrite 71 E-055 PID Meter HS08 Gloves, Leather 49 E-054 Sonic Interface HS11 Gloves, PVC 37 E-051 Generator MIS23 Poly Sheeting, 6m. 36 MIS57 Poly Trash Bags E-034 Excavator-Tk EΖ MIS47 Duct Tape CHE05 Degreaser HS17 Resp. Cartildges Protection Level: (circle one): APPROVAL SIGNATURES COSTS TO COME THROUGH AP (VENDORS, SUBS, DISPOSAL, LABS, ETG. DESCRIPTION OP-TECH Foreman MAY 14 2010 OP-TECH Manager

Customer Signature

Customer Name & Titls

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03	1-1-	E-004 Tractor	Maria Salan Maria						Twek Sull, Polyconiad	1 .	and			<u> </u>
28		E-006 Lowboy						Ê	Bools, Pullover					
71		E-0554 Gas Mater							Boot Covers					
71		E-055 PID Meter						1	Gloves, Milile		The state of the s			
49		E-054 Bonic Interface	-						Gloves, Leafner		N N			
37		E-051 Generator						1	Gloves, PVC		<u> अधित हैं</u>			
36	-	5-846 Compressor						£	Poly Sheeting, Sm.		Tork! Int			
EZ		E-034 Excavalor-Tk						i	Poly Trash Bags		· ·			
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	CORTE TO COME THROUGH AP (VENDORS, SUSS, DISPOSAL, LASS, ETC.)  NAME DESCRIPTION							71111071			<del></del>			
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								OP-TEC	H Manager	<u>LUL</u>	عله ف	الساط	$\bigcirc$	1

Customer Signature

Customer Name & Title

DPJESH kys dec remediation DPR (ask 2016.14) Date: 5 10/10-Thurs PLACED PINS, CXENSON! Daily Description: Job#: 100700836 JOWT AND MESHIN TERNON'S Site: BULLAT OUT DOORS PRED FOR CONCRETE [EE CODE to be completed by Office Administrator) LABOR 1900 17081 1900172 3421 930 3:3000 3141 700 MATERIALS TAKEN FROM STOCK EQUIPMENT QUANTITY BILL CODE DESCRIPTION QUANTITY FOUR SEY 57th 1905 1906 17 DR29 M-22 550 Steel Open Drum E-002 1/2 Ton Utilly DR15 M-23 85g Steel Overpack Dr E-003 1 Ton Utility 16 SOR09 M-10 Sorbent Pads 100's E-020 Wet Vac SOR10 M-11 Sorbent Pads 200's 11 g-085 Wet/Dry Vec SOR01 M-13 Serbent Boom 5" E-007 Box Traile SOR02 M-12 Sorbent Boom 8\* 25 E-022 Dump Truck SOR24 M-25 Speed Die -E-028 Backhee HS24 Tyvek Sult, Polycosted 03 E-004 Tractor HS01 Boots, Pullover HS03 Boot Covers 71 5-055 4 Gas Meler HS10 Gloves, Nitrile E-055 PID Meter HS08 Gloves, Leather 49 E-054 Bonic Interface HS11 Gloves, PVC E-051 Generator MIS23 Poly Sheeting, 6m. E-048 Compressor MIS57 Poly Trash Bags ΕZ 430 330 1 MIS47 Duct Tape Utility truck CHE05 Degreaser HS17 Resp. Centridges Protection Level: (circle one): APPROVAL SIGNATURES COSTE TO COME THROUGH AP (VENDORS, SUBE, DISPOSAL, LABS, ETC.) towel lube / Crotet OP-TECH Foreman OP-TECH Manager MANY 14 2010

Customer Signatura

Customer Name & Title

SPITECH MYS DEC Remediation DPR (Rev. 2006.01) Date: "5/7/(0 -FR). Dally Description: Job#: 40700 836 Site: RRILAT OUTDONES Brukeso ROCLARDS ABOR (HE CODE to be completed by Office Admini EE CODE TIME IN BREAK 3241020 R74010700 3305 070 MATERIALS TAKEN FROM STOCK EQUIPMENT QUANTITY BILL CODE DESCRIPTION EQUIPMENT FLEET FA TIME IN TIME OUT BILL CODE! OZes 1900 12 DR29 M-22 559 Sleet Open Drum E-002 1/2 Ton Utility 16 DR15 M-23 85g Steel Overpack Br 16 E-808 1 Ton Utility SOR09 M-10 Sorbent Pads 100's E-020 Wet Vac 10 SOR 10 M-11 Sorbent Pads 200's E-D65 WellDry Vac 11 07ad 1900 **<22** SOR01M-13 Sorbent Boom 5" E-007 Box Trailer 04 SOR02 M-12 Sorbert Boom 8\* 25 E-022 Dump Truck SOR24 M-25 Speedi Dill E-028 Backhoe 22 HS24 Tyvek Sult. Polycoated E-004 Tractor 03 HS01 Boots, Pullover 28 E-006 Lowboy HS03 Boot Covers E-055 4 Gas Meter 71 HS10 Gloves, Nitrile 71 E-055 PID Meler HS08 Gloves, Leather E-054 Sonic Interface 49 HS11 Gloves, PVC 37 E-051 Generator MIS23 Poly Sheeting, 6m. 36 E-048 Compressor MIS57 Poly Trash Bags EΖ E-034 Excavator-Tic MIS47 Duct Tape 070D 1600 824 ETER /2 to CHE05 Degresser HS17 Resp. Cartridges Protection Level: (circle one): APPROVAL SIGNATURES cdets to come through air (vendors, subs. disposal, labs, etc.) OP-TECH Foreman NAY 14 2010 OP-TECH Manager Customer Signatura

Customer Name & Titls

	OP-TECH - 1 Adler Drive, East Syracuse, N.Y. 13057  NYS DEC Remediation DPR (Rev. 4/2010) - Contract No. C100905													
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E-003	1	1/2 Ton Utility - (16)	PV	800		10%	2		M-22	55g Steel Ope	n Drum DR29			
E-007		1 Ton Ullily - (15)							M-23	R5g Steel Ove	mack DR15			
E-027		Wel Vac-(10)		1					M-10	Sorbent Pada	100's SORDB	<b>-  </b> -	1	┼╌┨
E-073		Wet/Dry Vac - (11)							M-11	Sorbent Pade	200's SOR10		<u> </u>	-
E-014		Box Van - (04)				<u> </u>			M-13	Scribent Boom	5" SOR01	<b></b>	<u> </u>	
E-029		Dump Truck - (25)							M-12	Soment Boom	8" SOR02		1	_
E-035	<del> </del>	Backhoa - (22)			<u> </u>					Speedi Dri	SOR24		<u>l</u>	
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E-013		Lowboy - (28)							VE	NDDR NAME		DESCRIPTION		attinU
E-064		PID Meter - (71)									Boots, Pullover		HS01	
E-054		Sonic Interface - (49)	,			<u> </u>				<del></del>	Boot Covers		HS03	
E-059		Generator - (37)			<u> </u>	<u> </u>	ļ				Gloves, Nitrile		HS10	-
E-056		Compressor - (38)					ļ				Gloves, Leather		HS08	
E-034		Excevalor-Tk - (EZ)			<u> </u>	<u> </u>					Gloves, PVC	<u></u>	HS11	
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E-007		1 Tan Utility - (18)	<u> </u>	<del>- </del>			-					1		
E-027		Wel Vac - (10)	ļ		<u> </u>	1	-			Sorbent Pads 1		<b></b>		
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E-029		Dump Truck- (25)				ļ				Soment Boom				
E-035		Backhoe - (22)								Speedi Dri	SOR24			
E-011		Tractor - (03)	<u> </u>						NON	-CONTRACT I	ITEMS (VENDORS		POSAL, LABS, I	
E-013		Lowboy - (28)				ļ	<u> </u>		VEN	DOR NAME	<u> </u>	DESCRIPTION		Units
E-064		PID Meter - (71)				ļ					Boots, Pullover		HS01	<del> </del> -
E-054		Sonic Interface - (49)									Bool Covers		HS03	
E-059		Generator - (37)									Gloves, Nitrile		HS10	<del> </del>
E-056		Compressor - (36)		1							Gloves, Leather		HSDB	
5-004		Excevator-Tk - (EZ)									Gloves, PVC		HS11	
E-U34			<del> </del>								Poly Sheeting, 6n	n.	MIS23	
				<u> </u>							Poly Trash Bags		MIS57	
				1							Duct Tapa		MIS47	
				1							Degreaser		CHED6	
-			<del> </del>	<del>                                     </del>							Resp. Cartridges		HS17	
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COSTS TO COME THROUGH A/P	(VENDORS, SUBS, DISPOSAL, LABS	s, ETC.)		API	PROVAL SIGNATURES
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-4-1	<u>, 13-7</u>		·							- Spill:				No.:	
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E-003 E-007		1/2 Ton Utility - (16)	17 50	1 100		المندا				85g Steel Ove					1
E-027		Wet Vac-(10)	<del>                                     </del>			·				Sorbent Pags					$\top$
E-073		Wel/Dry Vac - (11)								Sorbent Pads					
E-014	<del> </del>	Box Van - (04)	1						M-13	Sorbeni Boom	5" SOR01				
E-029		Dump Truck - (25)							M-12	Sorbent Boom	8" SORO				
E-035		Backhoe - (22)							i	Speedi Dri	SOR24				1
E-011		Tractor - (03)							NON	CONTRACT	ITEMS (VEND	ORS,	SUBS, DISP	osal, laes, e	etc.)
E-013		Lowboy - (28)							VEN	DOR NAME			ESCRIPTION		Units
E-064		PID Meter - (71)									Boots, Pulicy	er	f	1501	
E-054		Sonia interfece - (49)									Boot Covers		<u> </u>	1SD3 -	
E-059	_	Generator - (37)									Gloves, Nitri	e	1	1810	
E-056		Compressor - (36)									Gloves, Leat	161	<u> </u>	<b>1</b> \$06	<del> </del>
E-034		Excavalor-Tk - (EZ)	<u> </u>								Gloves, PVC			HS11	
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											Poly Trash B	ags	М	1567	ļ
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COSTS	TO CO	ME THROUGH A/				ABS, E	TC.)				APPROVAL	SIG	NATURES	i	

OP-TECH Foreman

OP-TECH Manager

OT Approved By: \_\_\_

NYSDEC PM

MAY 2 0 2010

38			OP-TECH												
Daily	/ Desc	ription:	<u>Con 77200</u>	S Cu	ره ایمر برج	(L., (	ارسور فرا	ZUNC	2.5x }	Date:	5/12	] te	م - ل <u>ر</u>	ved.	
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<u></u>		1 100 2102	<u> </u>		•					Spill:				n No.:	
										Non-Peti	r, Site No.	: "7	040	<b>13</b>	-
										Site Na	me: <u>R</u> /	16	450	C) DOCK	- مرمت
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E-007	-	1 Ton Utilly - (16)	F SECOND SE				7			B5g Steal Over					
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E-027		Wei Vec - (10)	+							Sorbent Pads 2					
E-078	_	Wel/Dry Vac - (11)	<del> </del>				-			Sorbeni Boom					
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E-029		Dump Truck - (25) Backinge - (22)								Speed Orl	SOR24				
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E-013		Lowboy - (28)	1						VEN	DOT RIGHT	Boots, Putiove			HS01	
E-064		PID Meter - (71)		<u></u>						·	Boot Covers	-		HS03	
E-054		Sonic Interface - (49)									Gloves, Nitrile			HS1D	
E-059	1	Generator - (37)	<u> </u>								Gloves, Leath			HS08	
E-056		Compressor - (35)	ļ								Gloves, PVC			HS11	
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OP-TECH - 1 Adler Drive, East Syracuse, N.Y. 13057

	i i		OP-TECH										
Daily	Desci	ription:	RESSAC G								5/13/1		75°,
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BILL CODE	QTY	TYPE	EQUIPT FLEET #'s	TIME IN		TIME OUT	J#85		BILLCODE	<del></del>	RIPTION QTY		SCRIPTION QTY
E-003	2	1/2 Ton UCHy - (16)	FU2.653	020g	-	130	16.5		M-22	55g Steel Oper	Drum DR28		
E-007		1 Ten Uilliy - (16)	,			<u> </u>			M-23	85g Steel Over	pack DR15		
E-027		We! Vac- (10)							M-10	Sorbeni Pads 1	IDD'S SORCE	<u> </u>	
E-073		Wet/Dry Vac - (11)							M-11	Sorbent Pads 2	200's SOR10		
E-014		Box Van - (04)							M-13	Sorbeni Boom	S" SORDI		
E-029		Dump Truck - (25)							M-12	Sorbent Boom	8" SOR02		
E-035		Backhoe - (22)							M-25	Speedi Dil	SOR24		
E-011		Tractor - (03)							NON	CONTRACT	TEMS (VENDORS,	SUBS, DISPOSA	L, LABS, ETC.)
E-013		Lowboy - (28)							VEN	DOR NAME	г	ESCRIPTION	Units
E-064		PID Meter - (71)									Boots, Pullover	HS01	
E-054		Sonic interface - (49)	•								Boot Covers	HSOS	3.
E-059		Generator - (37)				}					Gloves, Nitrile	HS10	
E-056		Compressor - (38)									Gloves, Leether	HSO	3
E-034		Externator-Tk - (52)									Gloves, PVC	HS1	1
											Poly Sheeting, 6m.	M!S23	
										····	Poly Trash Bags	MIS57	
			1								Duol Tape	MIS4	7
									<u> </u>		Degreaser	CHEO	5
											Resp. Cartridges	HS17	
									_		Protection Leve	el: (Qty.):	
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COSTS		ME THROUGH A/	P (VENDORS,SUI	3S.DISP	OSAL,L	ABS, E	TC.)		or service and the	Janes de la companya	APPROVAL SIG		
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	OP-TECH - 1 Adler Drive, East Syracuse, N.Y. 13057													
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BILL CODE	אים	TYPE	ECUMPT FLEET#'s	TAKE IN		TIME OUT	HRG		BILL CODE		ERIALS IA		FROM STOCK	ORIPTION OTY
E-003	ı	1/2 Ton Utility - (15)	PGZ.	0700		1900	7		M-22	55g Steel Ope	n Drum DR29			
E-007		1 Ton Utility - (15)							M-23	85g Steel Over	medi DR15			L. Carlot
E-027	_	Wel Vec-(10)							M-10	Sorbent Pads	100's SOR09			100
E-073		Wel/Dry Vac - (11)								Sorbant Patis				
2007	ţ	Box Van - (04)	537	0103		(400 l	7		M-13	Soment Boom	5" SOR01			
E-029		Dump Truck - (25)		52.						Sorbent Boom				
E-035		Backhoe - (22)								Speedi Dri	\$0R24			- Lu
E-011		Tractor - (03)									TEMS (VEND)	ORS. SI	JBS, DISPOSAL,	LABS, ETC.)
E-013		Lowboy - (28)								DOR NAME			SCRIPTION	Unlis
E-064		PiD Meter - (71)									Boots, Pullovi		HS01	
E-054		Sonic imadace - (49)									Boot Covers	-	HSD3.	
E-059		Generator - (37)									Gloves, Nitrile	<del></del>	HS10	
E-056		Compressor - (35)							-	<del></del>	Gloves, Leath		HS0B	
E-034											Gloves, PVC	,,,,	HS11	
2-03-		Excavator-Tk - (EZ)		<del></del>							Poly Sheeting		MIS23	
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											Duct Tape	30	MIS47	
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Marine Street September 1	pelárjanke.	winds metalogical		NAMES OF THE OWNER.	e and the barre	A DECEMBER			Var Linkston			glus remotes		West Company
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COA Ram	
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# OP-TECH - 1 Adler Drive, East Syracuse, N.Y. 13057 NYS DEC Remediation DPR (Rev. 4/2010) - Contract No. C100905

Daily I	Descr	iption:								Date:	<u> 5-/</u>	<u>8 - 1</u>	<u> </u>	10E2"	
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E-003	_2_	1/2 Ton Utility - (16)	GAS/ PER	بعر		16.0				B5g Sleet Over		N			
E-007		1 Ton Utility - (16)								Sorbent Peds 1	······································				
E-027		Wet Vac - (10)								<del> </del>					
E-073		Wel/Dry Vac - (11)			ļ	<u> </u>				Sorbent Pade 2					
E-014		Box Van - (04)				ļ				Sorbent Boom					
E-029		Dump Truck - (25)			<u> </u>					Soment Boom					
E-035		Backhoe - (22)								Speed Dri	SOR24				
E-011		Tractor - (03)				<u> </u>			NON	-CONTRACT I	TEMS (VEND	ors, s	JBS, DIS	POSAL, LABS, E	1
E-013		Lowboy • (28)				<u> </u>			VE	IDOR HAME		DE	SCRIPTION		Units
E-064		PID Meter - (71)				l					Boots, Pullov	er		HS01	[
E-054		Sonic Interface - (49)			-						Bodi Covers			HS03	
E-059		Generalor - (27)									Gloves, Mitri	e.		HS10	
											Gloves, Leaf	her		HS08	
E-056		Compressor - (36)									Gloves, PVC			HS11	
E-034		Excavator-Tk - (EZ)	<u>'</u>			<del>                                     </del>					Poly Sheeting	g, Ban.		MIS23	
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E-03		1/2 ten Littling	80x T	700	<del></del>	1					Duot Tape			MIS47	
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COSTS	TO CO	ME THROUGH AV	(VENDORS,SU	BS,DIS	POSAL	LABS,	ETC.)				APPROVA	SIGN	IATUR	:S	
		OR NAME	DI DI	SCRIPTION	!		Units		DOLTE	ECH Forema	an.			•	-
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MAIN OFFICE 997 McLean Rd. Cortland, New York 13045

MEMBER OF N.F.P.A. AND I.A.E.I.

ATLANTIC-INLAND, INC. **NEW YORK** 

Phone: (607) 753-7118 (607) 753-7809 (607) 753-1396

(Electrical and Fire Inspection-Enforcing and Consulting Service)
(Incorporated in the State of New York)

395135

Desiring Certificate of Approval, application is made for inspection of electrical installation in the premises described below. On demand applicant agrees to pay for inspection service in accord with schedule of charges.

	/	<u> </u>			TRICAL INSP			CHINI	UK	IALE	·		
THIS SECTION	TO BE	COMPL	ETED	BY AF	PLICANT		PPLICATION			0-0			
CITY, TOWN VILLAGE.	-J.5/1~	150 N	_C.	<i>l</i> . <sub>v</sub> .		COUNTY	BROD	17:10		STATI	. W.>	,	
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OCCUPANT -	- Janes		2074	7 7 7			AS COYM	_		~~			
Owner's P.O. //	P.	11/5	<u> </u>	0		_	~ New □ Old	& WORK	(— Nev	Addi	tional ad		
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TYPE OF					SIZE OF AS A	SUE-/	» 1/	7 . 1	BRANC	ÆS	NO,	óf ⁻	8 11-1
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# ATTACHMENT – 7 Concrete Break Testing Resubmit



701B Chemung Street Horseheads, New York 14845 (607) 739-4033 (607) 739-4085 (Fax)

www.cmeassociates.com

#### CONCRETE INSPECTOR FIELD & LABORATORY TEST REPORT

**Page:** 1 **of** 1

Client: OP-TECH Environmental Services Report No.: 29102C-01-0510

Project & Location: 631 Field Street, Johnson City, NY Set I.D.: 30973 Set 1 of 1

	The fr	resh concre	te was tes	sted in accor	rdance w	vith AST	M C-14	13, C-173 o	or C-231, C-1064 and (o <sub>1</sub>	ptional)	) <b>C-13</b>	88.
RESULTS	<b>Date Sam</b>	pled:	May 7,	2010	Tim	ne Samp	led:	9:45 am	No. of Cylinders Cast	:	4	
	Sampled 1	By:	M. Har	nilton	Sam	npled Fr	om*:	TD	Slump (nearest ¼ in):		3 1/2	
RE	Truck No	.:	10						Air Content (%):	5.0		
ST	Ticket No	•	49279						<b>Unit Weight (pcf):</b>		-	
TEST	Quantity	of Load:	5.5		cubi	ic yards			<b>Concrete Temperatur</b>	e:	70	°F
8	Water add	ded at Site:	10.0		galle	ons			<b>Ambient Temperatur</b>	e:	60	°F
ATA	Contracto	r:	OP-TE	СН					<b>Weather Conditions:</b>		Sunn	ıy
	Supplier:		Porter's	s Concrete	Mix	No.:	4000		Admixture Added at S	Site:	te: -	
LD								Requi	red Strength at 28 Days	s (psi):	400	0
FIE	Required Strength at 28 Days (psi): 400 Location of Placement: Trench fill-ins slab on grade											
	Where Cy	linders are	Stored	on Site: In	side bui	ilding						
	The con	icrete test sj	pecimens	were made	in accor	rdance w	ith AST	TM C-3 an	d tested in accordance w	rith AS	TM C	-39.
S		m 4	Test S	pecimen			G				efects	
LT	Test	Test Age	Dia.	Area	Maxim	num		imen ressive	Cylinders represent this exact location in	or type	men o	
RESULTS	Date	(days)	(in)	(in²)	Load (			th (psi)	concrete pour		ot con	
	5/14	7	6.00	28.27	8650	00	30	60	_			
TEST	6/04	28	6.027	28.54	1079	000	37	<b>'80</b>				
TI	6/04	28	6.027	28.54	1126	500	39	50				
LAB	7/02	56	6.000	28.27	1212	200	42	90				
I										_		

Additional Comments: Mike with OP-TECH was informed of the field test results.

The tests were performed in compliance with the specifications given above unless noted below:

The concrete was <u>not</u> sampled in accordance with ASTM C-172,

The Aggregate Correction Factor was not subtracted from the air meter gauge reading.

The cylinders were initially cured 3 day(s) in the field. For the remaining days, the test specimens were cured in a moist room or water storage tank complying with ASTM C-511.

**CME** Laboratories are in conformance with ASTM C-1077 and participate in Proficiency Testing Programs administered by CCRL and AASHTO as required for **all** testing laboratories testing fresh concrete produced according to ASTM C-94, "*Ready-Mixed Concrete*".



<sup>\*</sup>PP = Point of Placement; TD = Truck Chute Discharge

# ATTACHMENT – 8 PID Readings

ATTACHMENT – 9 Floor Cracks

ATTACHMENT – 10 Waste Manifests – Resubmitted

#### **Bright Outdoors**

#### 631 Field St. Johnson City N.Y.

#### PID Readings of Sub Slab Soils

SSDS Trench#2

#### Middle of warehouse

Sampled: 4/23/10

PID: Mini Rae 2000 model: PGM 7600 serial #: 110-001416

	٦		
• 10	#10	0.00 ppm end of ssds trench in midd	dle of drain trench
• 9	#9	0.00 ppm	
• 8	#8	0.00 ppm	Note: Concrete average thickness of 6 inches. All
• 7	#7	0.00 ppm	pid readings of soil taken
• 6	#6	0.00 ppm	as concrete was removed.  Readings taken at 3 foot
• 5	#5	0.00 ppm	Intervals.
• 4	#4	0.00 ppm	
• 3	#3	0.00 ppm	
• 2	#2	0.00 ppm	⇔North
• 1	#1	0.00 ppm end of trench closest to w	all

#### **Bright Outdoors**

#### 631 Field St. Johnson City N.Y.

#### PID Readings of Sub Slab Soils

SSDS Trench#3

South side of warehouse

Sampled: 4/21/10 PID: Mini Rae 2000 model: PGM 7600 serial #: 110-001416

• 10	#10	0.00 ppm end of ssds trench in mide	dle of open floor
• 9	#9	0.00 ppm	
• 8	#8	0.00 ppm	Note: Concrete average
			thickness of 7 inches. All
• 7	#7	0.00 ppm	pid readings of soil taken
			as concrete was removed.
• 6	#6	0.00 ppm	Readings taken at 3 foot
			Intervals.
• 5	#5	0.00 ppm	
• 4	#4	0.00 ppm	
• 3	#3	0.00 ppm	
			⇔North
• 2	#2	0.00 ppm	
• 1	#1	0.00 ppm end of trench closest to w	all

#### **Bright Outdoors**

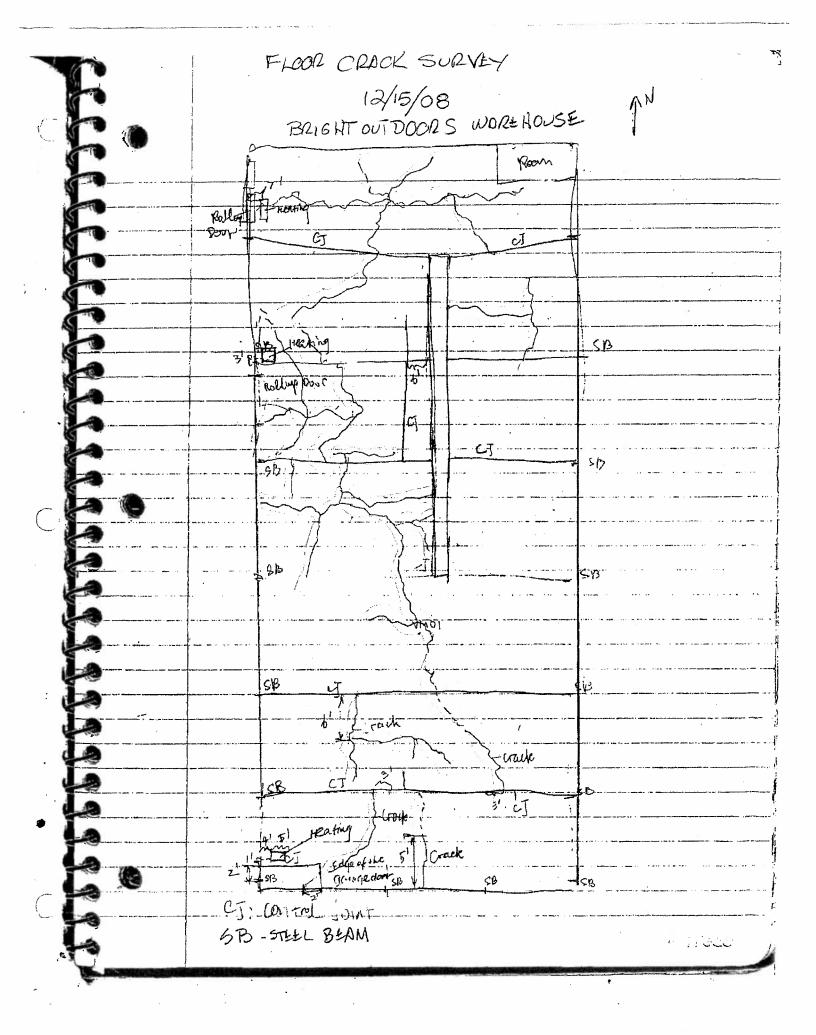
#### 631 Field St. Johnson City N.Y.

#### PID Readings of Sub Slab Soil

#### Warehouse Drainage Trench Removal

Sampled: 4/23/10 PID: Mini Rae 2000 Model#:pgm 7600 Serial#: 110-001416

• 18	#18 0.00ppm	
• 17	#17 0.00 ppm	
• 16	#16 0.00ppm	
• 15	#15 0.00 ppm	
• 14	#14 0.00 ppm	
• 13	#13 0.00 ppm	
	Trench #2 Mi	ddle SSDS trench
• 12	#12 0.00 ppm	
• 11	#11 0.00 ppm	Notes: Concrete on drain end of
• 10	#10 0.00 ppm	trench is 18 inches thick with approximately
• 9	#9 0.00 ppm	8 inches on opposite end. Bottom of trench
• 8	#8 0.00 ppm	had approximately 6 inches of concrete with
• 7	#7 0.00 ppm	three runs of ¾ inch rebar. All readings taken
• 6	#6 0.00 ppm	as concrete was removed approximately
• 5	#5 0.00 ppm	3-3 ½ feet apart.
• 4	#4 0.00 ppm	
• 3	#3 0.00 ppm	
• 2	#2 0.00 ppm	N U
• 1	#1 0.00 ppm Trench #	‡1 North SSDS Trench



Attn: Eric

Division of Solid Waste Management Broome County Landfill

Barbara J. Flale, Broome County Executive . Daniel A. Schofield, Deputy Commissioner



286 Knapp Road • Binghammn, New York 13905 (607) 763-4450 • Fax (607) 763-4280 • Websile: www.gobroomecounty.com

May 13, 2010

Dana Wells
Bert Adams Disposal
PO Box 449
Chenango Bridge, NY 13745

RE: CONTAMINATED SOIL (CS)

PARADIGM ENVIRONMENTAL SERVICES

LAB REPORT # 10-1713

Deer Mr. Weils:

This approval letter is authorization to haul contaminated soil to the Broome County Landfill. This approval is based on the above mentioned lab report. Further, we need to have a copy of your current Part 364 Industrial Waste Transporter permit to haul this material to the landfill. The contaminated soil originates from the following location: BRIGHT OUTDOORS, 631 FIELD STREET, JOHNSON CITY, NY.

You need to bring this letter with you to the Landfill to be allowed to dump the contaminated soil. Also a waste manifest or bill of lading must accompany each load. The charge for bringing the contaminated soil into the Landfill will be at the current tip fee of \$27.00 per ton.

Should you have any questions, please contact me at (607) 778-2932.

Sincerely,

Laurie Haskell

Solid Waste Specialist

LH:cpc

cc:

Robert Denz, Director, Environmental Health Lois Dilworth, Nanticoke Landfill CAC Chairman Scott Ellis, Town of Nanticoke Richard Hand, Broome County Landfill Supervisor Vinny Snyder, Op-Tech Environmental

#### Bert Adams Disposal PO Box 549, Chenango Bridge, NY 13745 607-648-4863

#### **Waste Shipment Record**

				Manifest #:		
	1	GENERATOR	INFORMATION			
Generator Name:	Op Tec		Job #:			<u>/ </u>
Address:	1 Adler Dr		Location:	81 North E	xit 7 (0.5)	Frelo
Contact Name:	E Syracuse NY		Address:	Castle Crea	K-NY-T	
Phone Number:	315-437-2065					
Description of Wast			Container		Volume in	
•		Description	Quantity	Type	Cubic Yards	
Friable				1	20yd	
Non-Friable						
Both _	% Friable					
_	% Non-Friable					
Grit & Bar Screen _					1/5/	100
Stabalized Sludge			Vehicle License No./Stat		51636-	(0 //
Contaminated Soli _			Disposal Facility Permit I	Number	0161	0 -
Contam Soil Bury	Other		Truck		016-1	7./
Auto Fluff	Description:		Rolloff		-0/6-0	46
Thomas out that say	RANSPORTER #1		DESTINAT	TON (Dispo	sal Facility)	SIR SING
Transporter Name: _E	Bert Adams Disposal		Disposal Fallity's Name:	Broome Co	unty Landfill	
Addr <del>ess:</del> <u>F</u>	PO Box 549		Address:	286 Кларр	Road	
City, State, Zip:	henango Bridge, NY 13	745	City, State, Zip:	Binghamtor	n, NY 13905	
· · · · · · · · ·	50 <b>7-6</b> 48 <b>-48</b> 63		Phone #:	607-763-44	134	
DEC/EPA Permit #:	7A-355		6NYCRR 360 Permit #:	7-0399-002	7/00002	
Name of Driver (print)			Name of Authorized Age	nt (Print):		l
KIRN	lunghy					-
I hereby warrant that	the above named and d	escribed	I hereby warrant that th	e above nam	ed ald bescribed	EIA
material was from the	owner on the date of re	ecelpt	material was accepted fi	om the trans	porter on the date	
referenced below.	<b>,</b> 1		of receipt referenced be	iow.	MAY .	18 2h
0.10	no dal	5-18-10	11 /1) 2/10			
10May	may		Signature of Disposal Fa	cilities	Date BENDAME	COUNT
Signature of Driver	• //	Date of Receipt	Authorized Agent	ragisti feltaka#	NANTICÓRE	LAND
T horaby warrant that	the above named and d	escribed	The material delivered b		orter has been reje	cted
material was delivered	i without incident or con	tamination	for disposal at this dispo	sal site.		
on the date of deliver	y referenced below.					
0.11	ha. V.	510.11	Signature of Disposal Fa	cilities	Date of Receipt	
1500-1	myery	5-18 - 16 - 16 C	Authorized Agent			
Signature of Driver	0 /	Date of Receipt	Landfill Ticket Number:			

NON-HAZARDOUS WASTE

CONTROL OR LEGITATED LANGE STATES HAVE

### **NON-HAZARDOUS WASTE MANIFEST**

Plei	see print or type (Form designed for use on eithe (12 plich) lypow	ritor)							
	WASTE MANIFEST CE	4 U8 EPA 10 No. 596		Manifest Decument No	°51410	2. Page 1 of			
	a. Connector's Name and Mailing Address.  NYS DEC Remodulation Dr.  425 Broadway Dibany, N.Y.	usion		Site	addussi				
	4. Generator's Phono (518) 402 9814 - Be	man Puna		Some	FIED SHEEL	1-511-01			
	5. Transporter 1 Company Name	1NYR 00141960		A. State Transportor's ID 7A -355					
	BERT ADAMS 7. Trensporter 2 Company Name	8. US EPA ID Number		C. State Tran	er 1 Phone 607-648	-4867			
		1		D. Transporte					
	Become County Landful	10, US EPA ID Number		E. Sinto Facil	ty's ID				
	Enghamon, NY 13905	NA		F. Facility's Phone 607-778-2932					
	11. WASTE DESCRIPTION	· · · · · · · · · · · · · · · · · · ·	12. C	ontniners	13. Total	14. Unit Wt./Vol.			
	* Now Regulated Natu	rial (soil -stones)		СМ	Quantity (A)	7			
GHZL	b.								
ERATO	c.								
OR	d	*							
	G. Additional Occariptions for Materials Linted Above	WARNING TO THE PARTY OF THE PAR		H. Handling C	codes for Wastes Listed Above				
C									
7		•							
	15. Special Hendling Instructions and Additional Information  Errerogray Response #8	00-225-6750. DP	T80H B	Niwai	mental Dervice PA-AH 059	sInc 9			
	18. QENERATOR'S CERTIFICATION: I hereby certify that the com- in proper condition for transport. The materials described on this	tents of this shipment are fully and accurately dissos a manifest are not subject to federal hazardous was	ribed and are in its regulations.	all respects					
	Distant David Name	I street .				Date			
-	17. Transporter 1 Admowledgement of Receipt of Materiels	NOSORC III			Month OS	18119			
一元 名 三の 中の 二 一 四 日 一 四 日 一 四 日 一 四 日	Both Mumby	Signature Boll	Ming	h	Month S	Dette			
OK-M	18. Transporter 2 Advirowledgement of Registration of Materials  Printed/Typed Name	Signature		111	CE VME	Date Year			
FAC	19. Dincropancy Indication Space			M	AY 18 2010	<i>y</i>			
-1-	20, Facility Owner or Operator; Cartilication of receipt of the waste r	natarials covered by this manifest, except as noted	in item 19.	NANTIC	OKE LANDFILL	Date			
Ť	Pringhd/Typed Namy MANKUS	Signature W W	le-K	2	Monto	18/0			

# **FORMER BRIGHT OUTDOORS – PROJECT METER READINGS**

#### Micro-manometer readings collected on May 18, 2010:

SS-101	<u>SS-102</u>	SS-103	SS-104_	SS-105	SS-106	SS-107
0.003	0.002	0.004	0.006	0.010	0.009	0.384

#### **Excavation Soils PID Readings**

**Pipe Trench One** 

No PID readings

**Pipe Trench Two** 

No PID Readings

**Pipe Trench Three** 

No PID Readings

**Trench Drain** 

No PID Readings

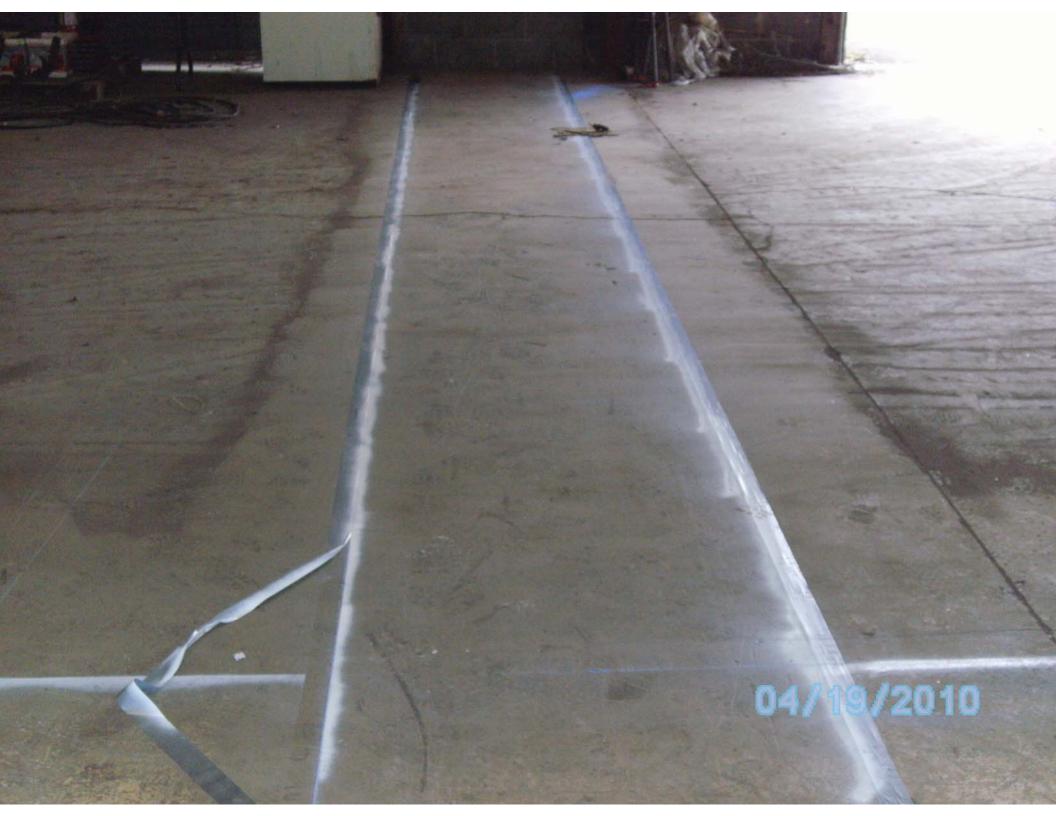
## ATTACHMENT – 11 OP-TECH Photos



























































































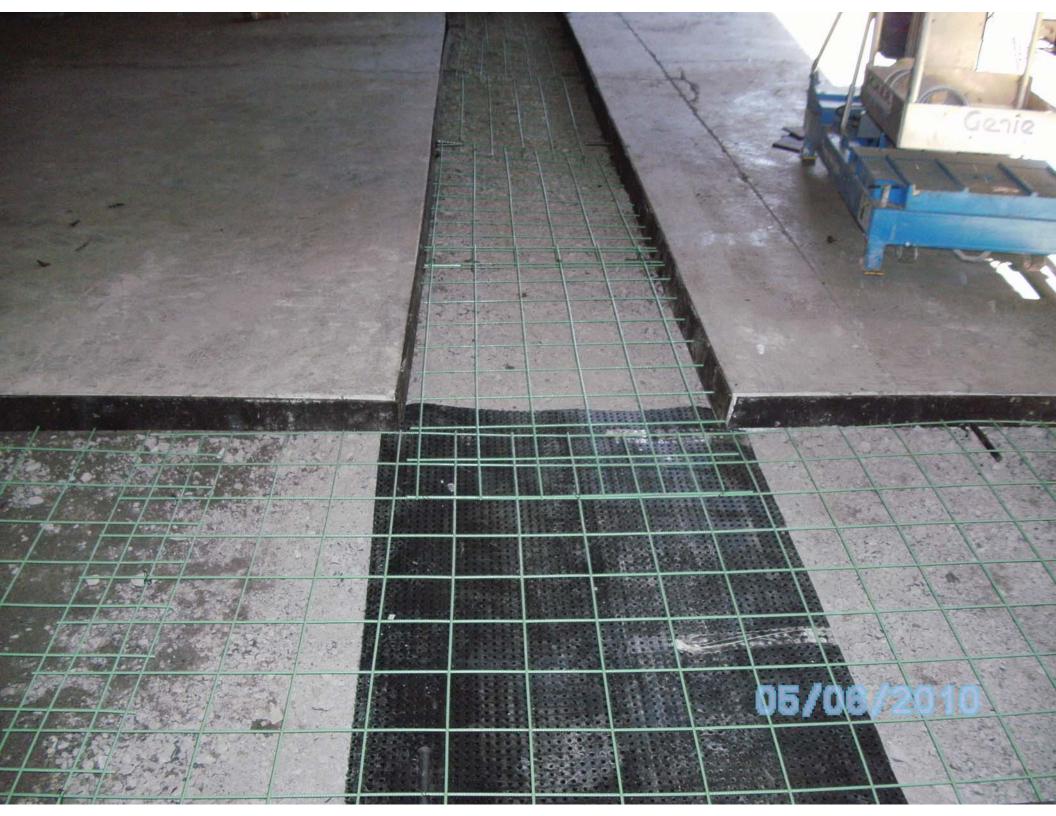


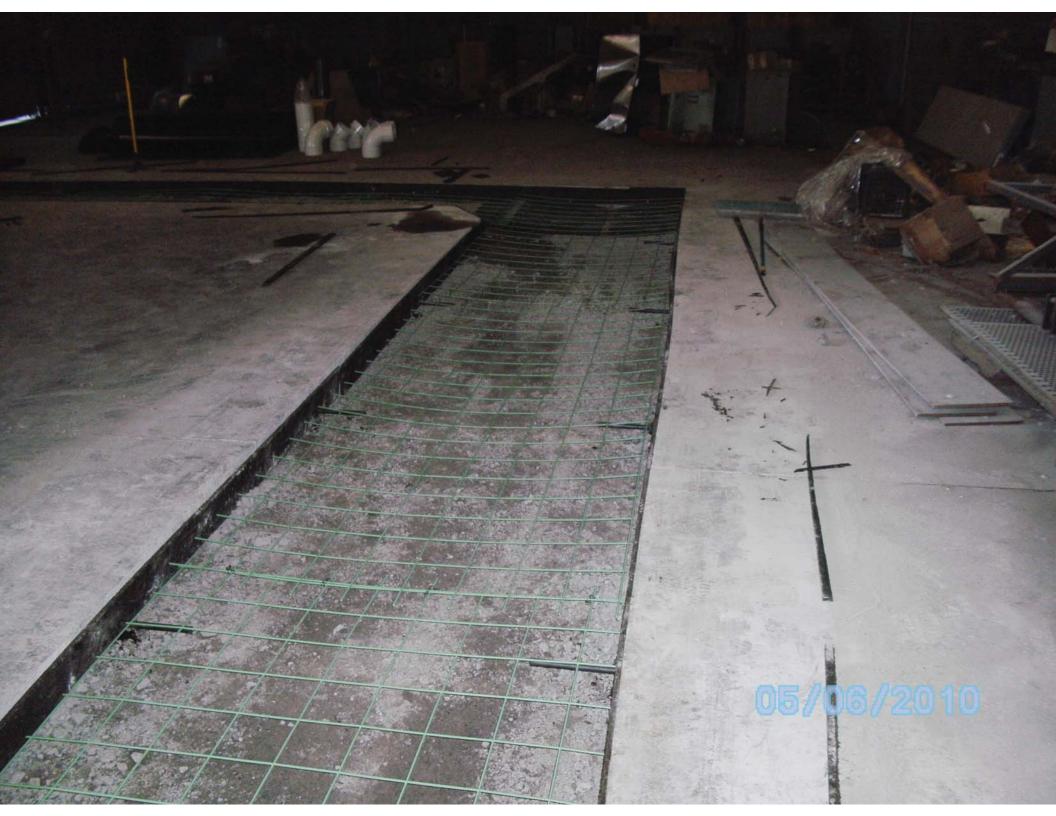


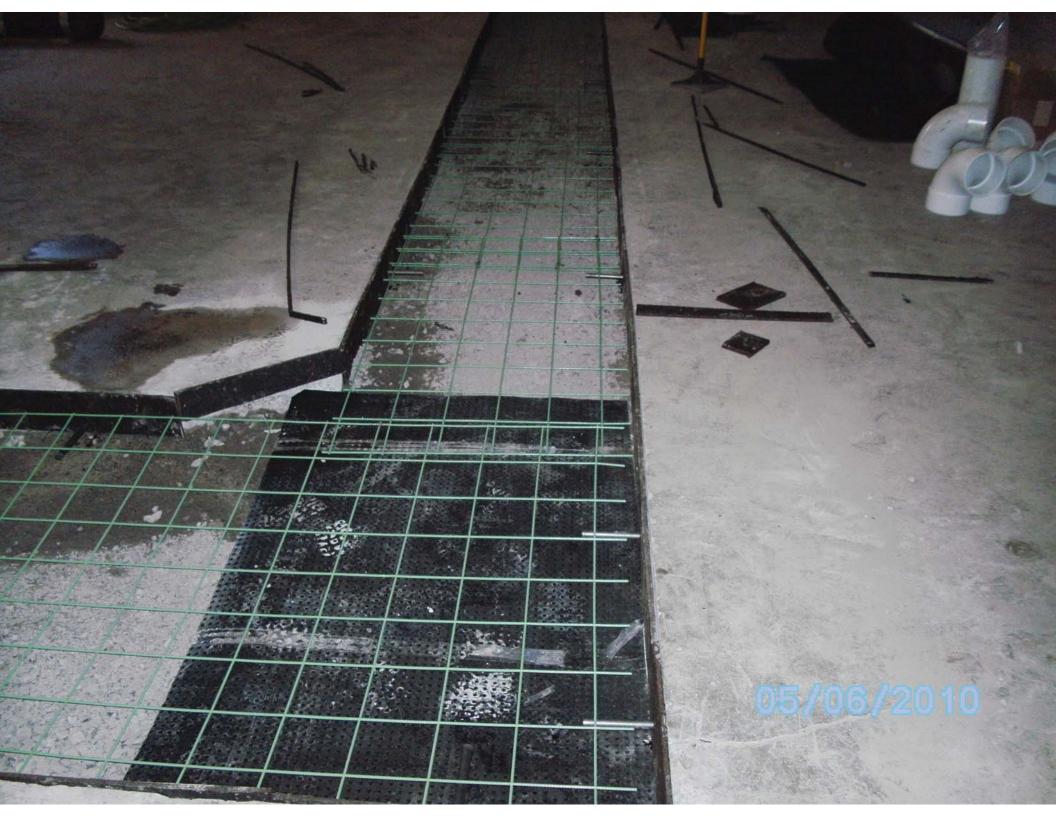


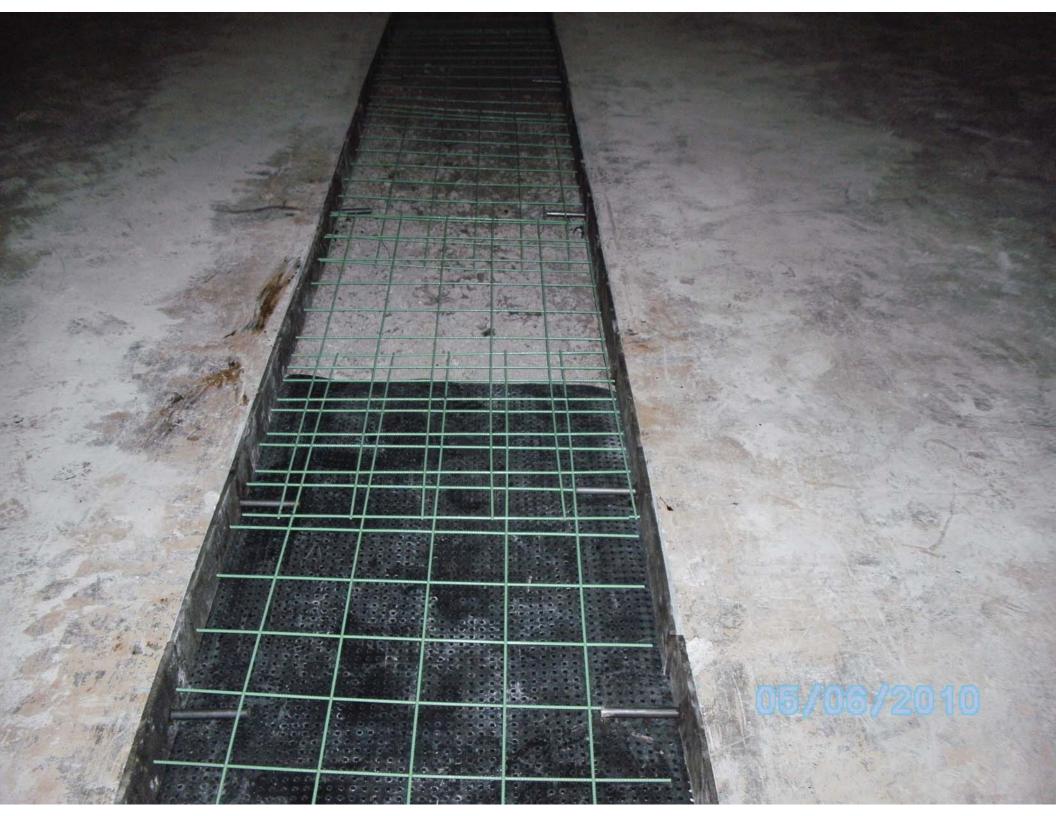






















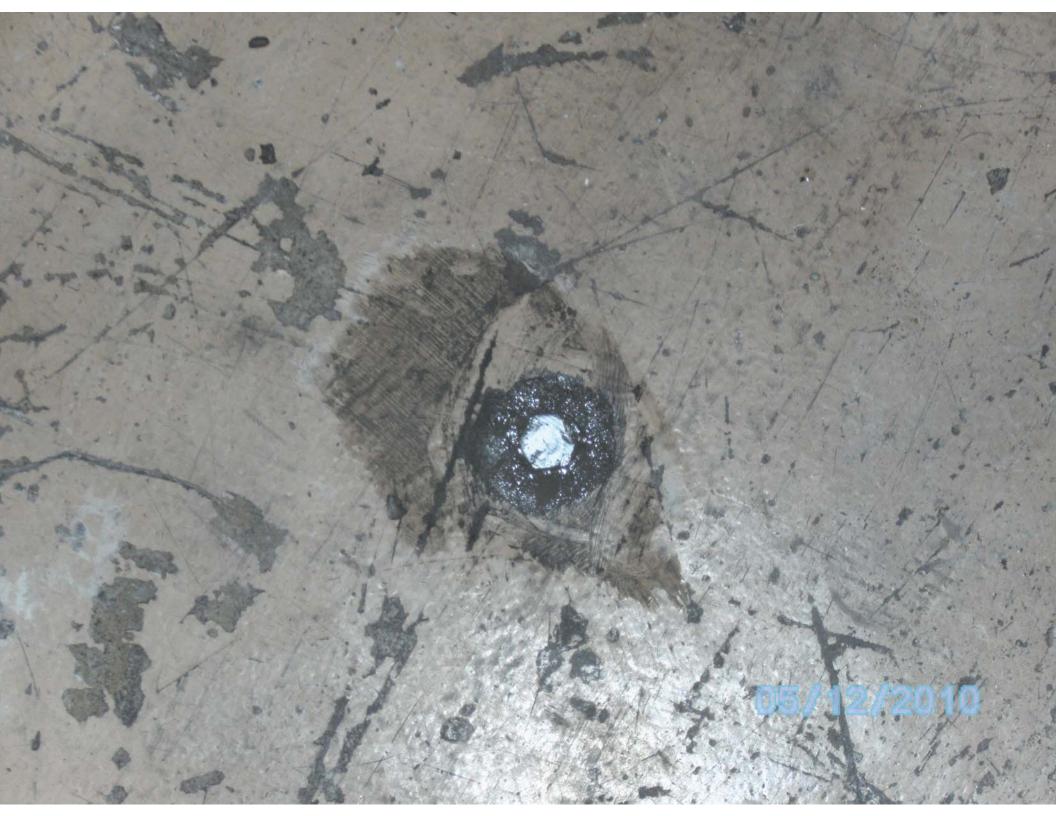








5/12/2010







































# ATTACHMENT – 12 UL Electrical Inspection

MAIN OFFICE 997 McLean Rd. Cortland, New York 18045

Phone: (607) 753-7118 (607) 753-7809 (607) 753-1396

200/200 2

100le-157

ATLANTIC-INLAND, INC. NEW YORK

07/16/2010 12:43 FAX 231 2941

### MEMBER OF N.F.P.A. AND I.A.E.I.

(Electrical and Fire Inspection-Enforcing and Consulting Service)
(Incorporated in the State of New York)

C 395135

Desiring Certificate of Approval, application is made for inspection of electrical installation in the premises described below. On demand applicant agrees to pay for inspection service in accord with schedule of charges.

	CTION TO	BE COMP	LETED I	RY APPLIC	AAIT	N — PLEASE				<del></del>	
7	THIS SECTION TO BE COMPLETED BY APPLICANT					DATE OF APPLICATION 155- 16- 3010					
STREET	ILLAGE: V			-		UNTY BROD	17:15	67/	MENU.Y.		
ADDRESS	(03)	100	1 :57.	·~/·	C. 1379	<u>a 💉 .</u>		. BUI	LG. NO.		
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NAME NAME	2/1.	il orsone	Conp	PARK	00	CUPIED AS COTIC					
OCCUPANT						LDING - NEW DOING					
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OTHER EQUIP	MENT (Specify T	ype & Capacitles)				·	,				
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APPARATUS THIS MUST BE Has this reques any other ager	et for imapection	n been made or r	aviamed:by	Recoived.  PHOGRESS  DEFECTIVE  Hough Wiring  Temporary.	Contitions	Prapoletas (		OTALS	FEE PAID		
MARK NUMBER OF EACH SIZE APPARATUS THIS MUST BE Has this reques	et for imapection	n been made or r	aviamed:by	Recovery PROGRESS DEFECTIVE DEFECTIV	Conficulte	Inspecting -		OTALS	FEE PAG		
APPARATUS THIS MUST BE Has this reques any other ager	et for imapection	n been made or r	aviamed:by	PROOFESS  PROOFESS  DEFECTIVE  ROUGH WITH  TOMPORAYS  TOMPORAYS	Conflicts	Prapoletas (		OTALS  heck filtour 13  fichely Order  Jash			
APPARATUS THIS MUST BE Has this reques any other ager	et for imapection	n been made or r	aviamed:by	Recovery PROGRESS DEFECTIVE DEFECTIV	Conflicts	Prapoletas (		OTAL \$ Jack No			
APPARATUS THIS MUST BE Has this reques any other ager	et for imapection	n been made or r	aviamed:by	PRODUCT PROGRESS  PROUD WIND  TOMPORAYS  TOMPORAYS  FINAL CEM  OUP. Con. F.  MUNICIPAL	Conticuse Convice INFICATE MATA	Prapoletas (		OTALS  heck filtour 13  fichely Order  Jash			
APPARATUS THIS MUST BE Has this reques any other ager	et for imapection	n been made or r	aviamed:by	PRODUCED PROGRESS DEFECTIVE HOUSE WHILE TEMPORAY, S FINAL CENT. DOD. Con. F MUNICIPAL MUN. ADDRES	Conticuse Convice INFICATE MATA	Prapoletas (		OTALS  heck filtour 13  fichely Order  Jash			
APPARATUS THIS MUST BE Has this reques any other ager	et for imapection	n been made or r	aviamed:by	PRODUCT PROGRESS  PROUD WIND  TOMPORAYS  TOMPORAYS  FINAL CEM  OUP. Con. F.  MUNICIPAL	Conticuse Convice INFICATE MATA	Prapoletas (		OTALS  heck filtour 13  fichely Order  Jash			
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MATCO ELECTRIC

# ATTACHMENT – 13 Commissioning Subslab Monometer Readings

## **FORMER BRIGHT OUTDOORS – PROJECT METER READINGS**

### Micromanometer readings collected on May 18, 2010:

 SS-101
 SS-102
 SS-103
 SS-104
 SS-105
 SS-106
 SS-107

 0.003
 0.002
 0.004
 0.006
 0.010
 0.009
 0.384

### **Excavation Soils PID Readings**

**Pipe Trench One**No PID readings

**Pipe Trench Two**No PID Readings

Pipe Trench Three
No PID Readings

**Trench Drain**No PID Readings