

Engineering Architecture Environmental Planning

# Periodic Review Report: November 2016 to October 2017 NYSDEC Site #C828115

Location:

Rochester Drug Cooperative Building 320 North Goodman Street Rochester, New York

Prepared for:

The Gary and Marcia Stern Family Limited Partnership 320 North Goodman Street Rochester, New York 14607

LaBella Project No. 211352

November 9, 2017

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#### 1.0 INTRODUCTION

LaBella Associates, D.P.C. (LaBella) is pleased to submit this November 2016 through October 2017 Periodic Review Report (PRR) for the property located at 320 North Goodman Street, City of Rochester, Monroe County, New York, herein after referred to as the "Site". The Site is identified as New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site #C828115. A Site Location Map is included as Figure 1. As such, the subsequent PRR will include monitoring work from November 2017 through October 2018.

The Site is located in the County of Monroe, New York and is identified as Block 084 and Lot 0001 on the City of Rochester Tax Map # 106. The Site is situated on an approximately 2.7-acre area bounded by the CSX Goodman Street Yards and railroad tracks to the north and east, the Village Gate Square Mall to the south, and residential properties are located adjacent to the west of the Site, across North Goodman Street (see Figure 2).

LaBella was retained by The Gary and Marcia Stern Limited Family Partnership to assist in the monitoring and reporting requirements associated with the Site Management Plan (SMP) prepared for the Site.

#### 2.0 BACKGROUND

Previous environmental investigations at the Site identified the nature and extent of contamination to be limited to petroleum contamination in soil, groundwater, and soil vapor. The apparent source of the petroleum impacts was four (4) petroleum underground storage tanks (USTs) that were formerly located in the eastern portion of the Site. Two (2) additional USTs were reportedly removed by others in the early 1970s, and another UST was removed by others in 1998. There was no closure documentation for the tanks removed from the Site.

There are two (2) NYSDEC Spills associated with the Site (#9506933 and #0106407). Both spills have been closed by the NYSDEC, however, the investigation and remediation of the petroleum impacts were performed as part of the BCP project that are associated with NYSDEC Spill #0106407. The Site was entered into the NYSDEC BCP on May 18, 2004.

A Remedial Investigation (RI) was conducted by GeoQuest Environmental, Inc. (GeoQuest) in September 2003 to complete the delineation of the horizontal and vertical extent of petroleum-impacted soil and groundwater at the Site. This RI consisted of advancing seven (7) direct-push soil borings (designated MW-13 through MW-17 and B-18 and B-19) of which five (5) were converted into temporary groundwater monitoring wells (designated MW-13 through MW-17). GeoQuest's RI concluded that:

- the source of the petroleum impacts at the 320 North Goodman Street Site emanated from onsite petroleum storage tanks that had previously been removed from the Site;
- there were no current or reasonably foreseeable exposure pathways since the impacted area was to remain a parking lot; and,
- conditions at the Site required remediation in order to meet the NYSDEC BCP requirements.

In April 2005, GeoQuest conducted an Interim Remedial Measure (IRM) Soil Removal program at the Site. As part of the IRM, an ex-situ treatment biocell was constructed, on the easterly adjacent Village Gate Square property, to treat approximately 2,103 cubic yards of petroleum-impacted soil that was excavated from the Site. This petroleum-impacted soil was placed in a "biocell" for remediation over time. Subsequent to screening and sampling the biocell soils, NYSDEC approved, in 2009, grading of the biocell soils into an existing soil berm to the east of the on-site building and covered with one (1) foot of clean soil at the former location shown on Figure 2 and subsequently the soil berm was graded and placed underneath an asphalt paved parking lot at the location shown on Figure 4.

An active Sub-Slab Depressurization System (SSDS) was installed beneath the concrete slab of the on-site building in November 2006. The SSDS was designed to depressurize the subsurface immediately below the concrete floor slab, thus restricting soil vapor intrusion into the on-site building from beneath the floor slab. Additional sub-slab depressurization fans were installed in the on-site building in 2009. Subsequent testing of these monitoring points (i.e. radius of influence testing) indicated negative pressures beneath the floor slab throughout the on-site building. The location of the SSDS components are depicted on Figure 3.

A Final Engineering Report (FER) dated December 2009 by LaBella documented the remedial work. A SMP dated December 2009 by LaBella provides the required monitoring and reporting for the Site. Based on the remedial work completed a certificate of completion was issued for the Site in 2009.

#### 3.0 PURPOSE AND SCOPE OF WORK

The purpose of this report is to present the monitoring work completed at the Site since the last PRR. This work was completed in accordance with the provisions identified in the SMP. As required in the SMP, this report includes the following information:

- Identification, assessment and certification of all Engineering Controls/Institutional Controls (ECs/ICs) required by the remedy for the Site;
- Results of the required annual Site inspections and severe condition inspections, if applicable;
- All inspection forms and other records generated for the Site during the reporting period in electronic format (included in report);
- A summary of any discharge monitoring data and/or information generated during the reporting period with comments and conclusions; and
- A site evaluation, which includes the following:
  - The compliance of the remedy with the requirements of the site-specific RAWP;
  - Any new conclusions or observations regarding Site contamination based on inspections or data generated by the Monitoring Plan for the media being monitored;
  - Recommendations regarding any necessary changes to the remedy and/or Monitoring Plan; and
  - The overall performance and effectiveness of the remedy.

The NYSDEC has approved revisions to the operations, maintenance, and monitoring of the Site in a letter



dated February 10, 2015. The NYSDEC approved to discontinue the groundwater monitoring program at the Site based on the last three monitoring events indicated that volatile organic compounds (VOCs) in wells MW-15R and MW-14R have decreased to levels below the New York State groundwater standard and VOC levels in wells MW-16R and MW-17R have decreased to non-detectable levels

#### 4.0 ANNUAL MONITORING

The SMP indicated monitoring of the performance of the remedy and overall reduction in contamination on-site will be conducted for the first two (2) years, via semi-annual sampling of four (4) existing groundwater monitoring wells, and the frequency thereafter will be determined by NYSDEC. The trend in contaminant levels in groundwater in the affected area was evaluated to determine if the remedy continues to be effective in achieving remedial goals. As noted above, the NYSDEC approved the discontinuation of the groundwater portion of the monitoring as the contaminants of concerns are below New York State groundwater standards. The current monitoring program is summarized in the following table and was included in the SMP:

#### Monitoring/Inspection Schedule

Monitoring Program	Frequency	Matrix	Status
Groundwater Monitoring	Semi-annual	Groundwater	Discontinued
Site Wide Inspection/Soil Cover	Annual	Soil	Ongoing
Soil Berm (former biocell)	Annual	Soil	Discontinued
SSDS Monthly		Vapor/Air	Ongoing

A summary of the monitoring work completed is provided below.

#### 4.1 Sub Slab Depressurization System Monitoring

The sub-slab depressurization system was inspected on October12, 2017 in order to verify proper operation of the system. There are six fans that operate the SSDS at the locations shown on Figure 3. At each fan location, the following inspections were made:

- the in-line U-tube manometer on the suction side of the piping system was observed to determine a pressure differential that would indicate the fan was operating properly.
- the piping condition was observed to determine if any portion of the piping required repair;
- labeling of the system was intact; and,
- descriptions of actions taken to address any concerns of the SSDS (if applicable).

Based on the inspection, the SSDS appeared to be in good working order (e.g. each manometer indicated the SSDS was working, the fan was observed to be working, and the piping appeared in good condition). Copies of the inspection forms and photographs of pertinent portions of the system are included in

Appendix A.

#### 4.2 Site Wide Inspection

A site-wide inspection of the property was conducted on October 12, 2017 to assess the general condition of the site (e.g. commercial use, residential use, etc.) as well as asphalt paved areas located over the remedial excavations. Based on the results of the general site conditions inspection, the site remains utilized for commercial use only, and the asphalt paved areas over the remedial excavations remain in good condition. Photos of the asphalt paved area are included in Appendix A.

#### 5.0 INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION

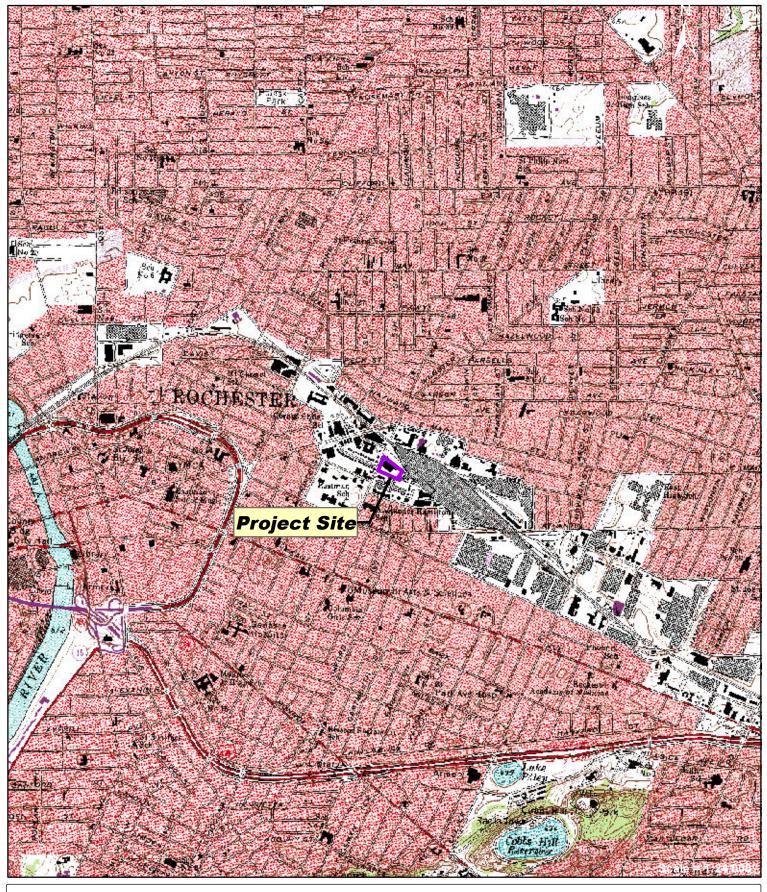
The NYSDEC Institutional and Engineering Controls Certification Form is included in Appendix B.

J:\Stern Family Limited Partnership (Gary & Marcia)\211352\Reports\Periodic Review Report 2017\RPT.2017-11-02.PRR 2017 320 N Goodman.docx



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# **FIGURES**



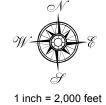


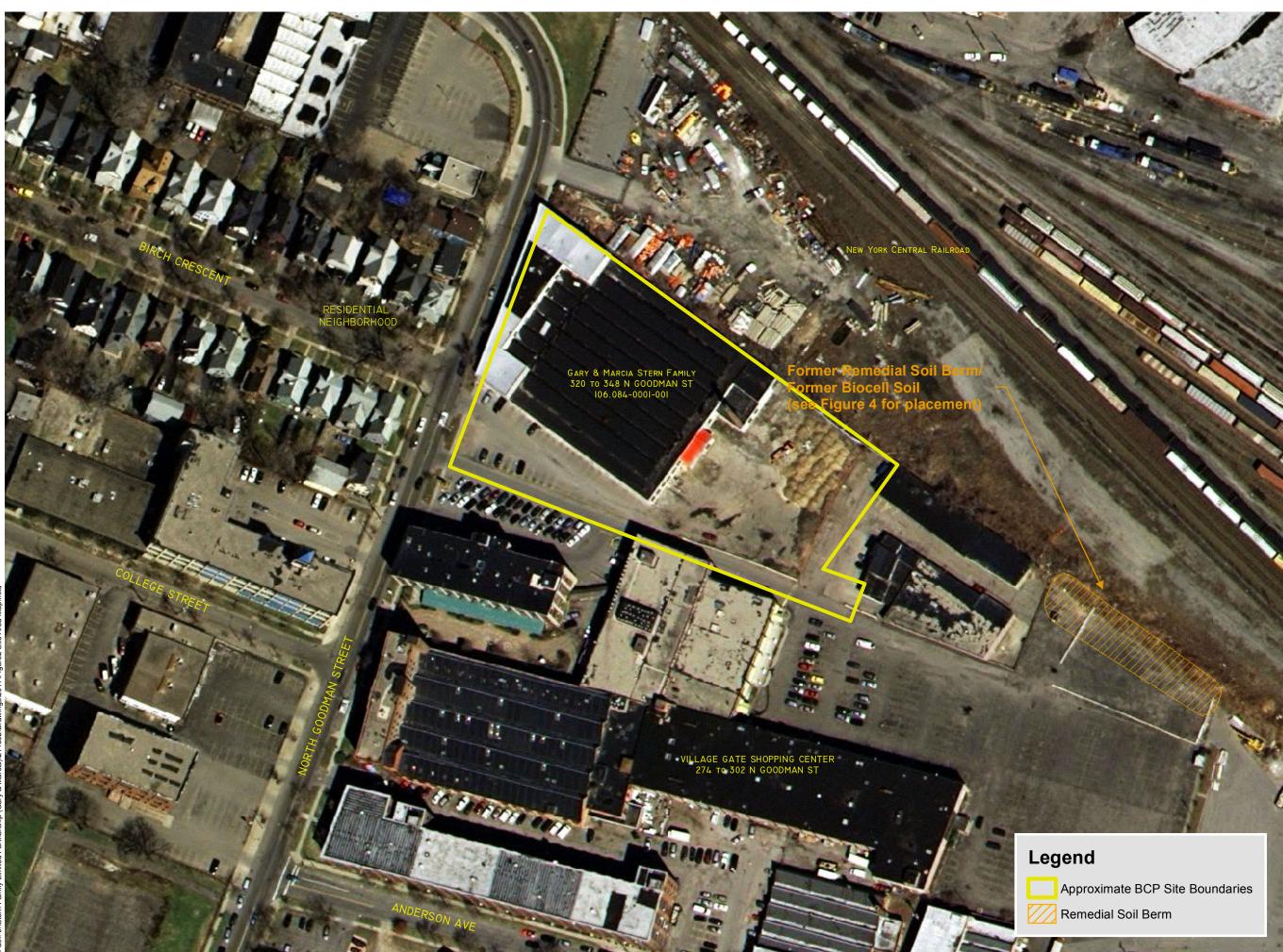
FIGURE 1

Site Location Map NYSDEC BCP Site #C828115 Former Rochester Drug Cooperative Building 320 North Goodman Street Rochester, New York



INTENDED TO PRINT 8.5" X 11" 11/2/2017

Path: J:\Stern Family Limited Partnership (Gary & Marcia)\211352\Drawings\2017\Figure1 Site Location.mxd





November 2016 to October 2017 Periodic Review Report NYSDEC BCP Sitel #C828115 Former Rochester Drug Cooperative Building Rochester, New York

Client: The Gary and Marcia Stern Family Limited Partnership

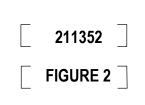
> Title: Site Area Map

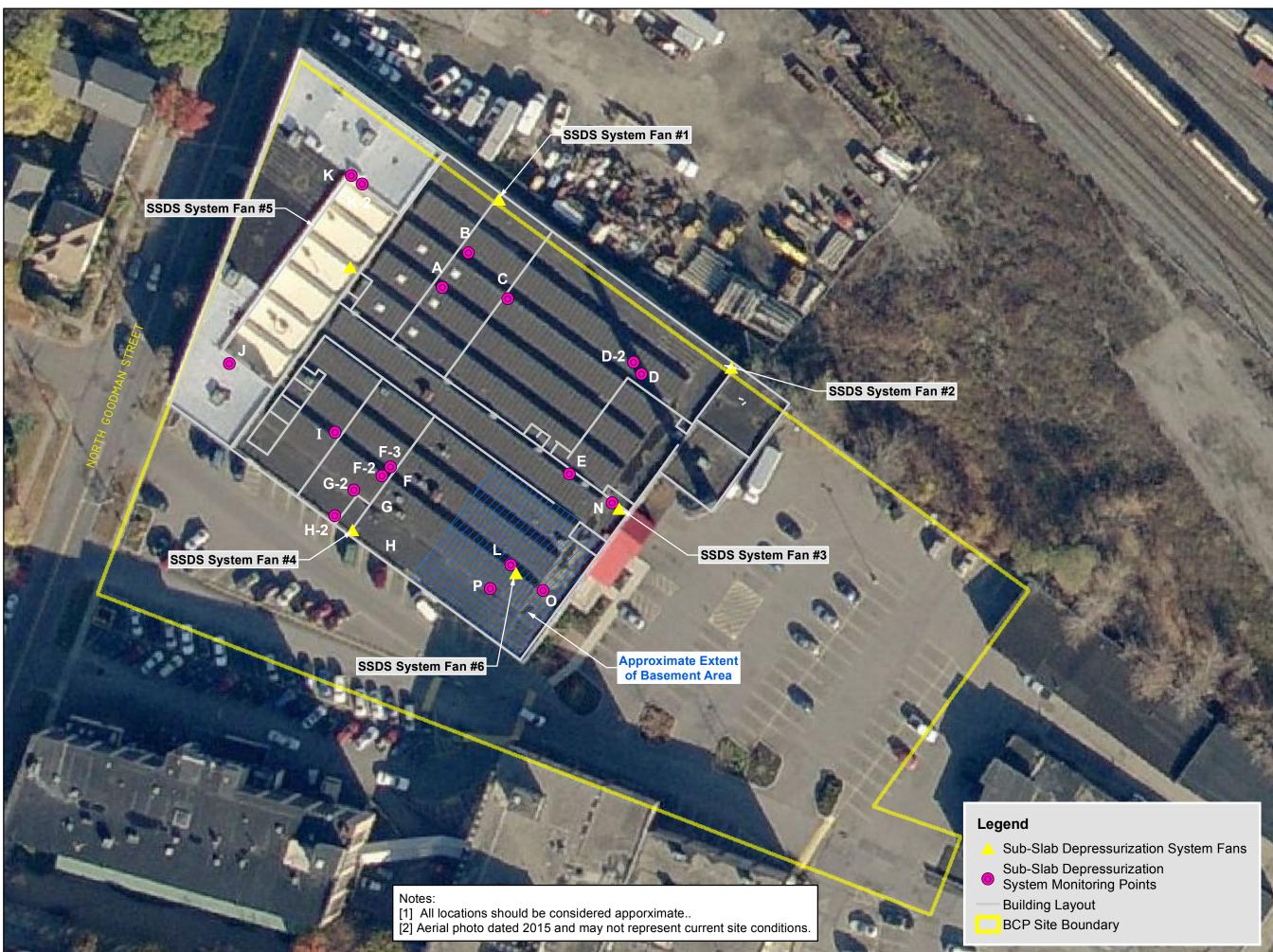




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11/9/2017





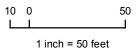
**LABELIA** Associates, D.P.C.

November 2016 to October 2017 Periodic Review Report NYSDEC BCP Sitel #C828115 Former Rochester Drug **Cooperative Building** Rochester, New York

Client: The Gary and Marcia Stern Family Limited Partnership

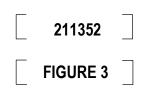
Title: Site Area Map and Sub Slab Depressurization System





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11/2/2017







November 2016 to October 2017 Periodic Review Report NYSDEC BCP Sitel #C828115 Former Rochester Drug Cooperative Building Rochester, New York

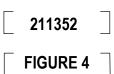
Client: The Gary and Marcia Stern Family Limited Partnership

> Title: **Biocell Soil** Placement Location



75 0 1 inch = 75 feet

INTENDED TO PRINT 11" X 17" 11/2/2017





Engineering Architecture Environmental

# **APPENDIX A**

Sub Slab Depressurization Inspection Forms and Photographs



PROJECT NAME:	NYSDEC THE SILE C 825115	
PROJECT NO .:	211352	
LOCATION:	Stern Farm 320 N. Governow, Richester, N	1
CLIENT:	Stern Family Limited Partnership	č

DATE: 10	112	201	٦				
DAY OF WEEK:	S	М	Т	W	$\tilde{\mathbf{T}}$	F	S
SHEET NO.		1	s	OF	-	1	
			AM			PM	
WEATHER		Cl	oudy			~	
TEMPERATURE		50	sori		-	-	

DESCRIPTION OF WORK

0830- MFP arrives at the above referenced sites and neets parcel to
assist with access to inspeal the site and sis of system. MEP observes and photoscophis each SSOS header pipe   monomenter and all appear to be functioning properly. The site appears in sud condition of No access of disturbance to the site cour system.
and photoscophis each SSOS header pipe monomenter and all appear to
be functioning property. The site appears in sud condition of No
areas of disturbance to the site rover system.
0915-MEP off site
l

INSPECTOR'S SIGNATURE MMM F. P. Hydre

DATE 10-12-2017

ATTACHMENTS YE

YES / NO

## Sub-Slab Depressurization System (SSDS) Inspection Form Site Management Plan 320 North Goodman Street, City of Rochester, New York NYSDEC Brownfield Cleanup Program Site No. C828115

<b>LABELLA</b> Associates, P.C.	Project Name: NYSDEC BCP Site No. C828115 Location: 320 North Goodman Street, Rochester, New York			
300 State Street	Project No.: 211352			
Rochester, New York 14614	Inspected By: M. Pelychaty			
Phone: (585) 454-6110	Date of Inspection: 10/12/2017			
Fax: (585) 454-3066	Weather Conditions: 50s, cloudy			

		INSPECTION FINDI	NGS		
SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER INDICATES SYSTEM IS UNDER VACUUM (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN	
FAN #1 Northern Wall, Near Center of Building	Yes	Yes	Yes	None	
FAN #2 Near Northeastern Corner of Building	Yes				
FAN #3 Eastern Wall	Yes				
FAN #4 Southern Wall	les				
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Yes				
FAN #6 Partial Basement, Southeastern Portion of Building	Kes			4	

## Sub-Slab Depressurization System (SSDS) Inspection Form Site Management Plan 320 North Goodman Street, City of Rochester, New York

NYSDEC Brownfield Cleanup Program Site No. C828115

Associates, P.C.	Project Name: NYSDEC BCP Site No. C828115 Location: 320 North Goodman Street, Rochester, New York		
300 State Street	Project No.: 211352		
Rochester, New York 14614	By: DARREILA Foster		
Phone: (585) 454-6110	Date of Inspection: 11 - 2 - 16		
Fax: (585) 454-3066	2		

	INSPECTION FINDINGS						
SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER INDICATES SYSTEM IS UNDER VACUUM (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN			
FAN #1 Northern Wall, Near Center of Building	<b>Y2</b> 5	Yes	yes 1.75	NA			
FAN #2 Near Northeastern Corner of Building	yes	Yes	545 1=3	Replace d NANOMETO			
FAN #3 Eastern Wall	YES	Yes	yes Z	NA			
FAN #4 Southern Wall	yes	yes	425	NA			
FAN #5 Western Portion of Building, In Bathroom Utility Closet	y e.s	Yeŝ	yes 3.0	NA			
FAN #6 Partial Basement, Southeastern Portion of Building	yes	Yes	ye.s 2.5	NR			

320 North Goodman Street, City of Rochester, New York NYSDEC Brownfield Cleanup Program Site No. C828115

<b>LABELLA</b> Associates, P.C.	Project Name: NYSDEC BCP Site No. C828115 Location: 320 North Goodman Street, Rochester, New York
300 State Street	Project No.: 211352
Rochester, New York 14614	By: DACTEll Fostis
Phone: (585) 454-6110	Date of Inspection: $12 - 15 - 16$
Fax: (585) 454-3066	× 8

	INSPECTION FINDINGS			
SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER INDICATES SYSTEM IS UNDER VACUUM (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	У	У	Y 2.5	NA
FAN #2 Near Northeastern Corner of Building	Y	Y	Y 1,75	NR
FAN #3 Eastern Wall	· ×	Y	Y 3	Nh
FAN #4 Southern Wall	× *	Y	× 2.5	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Y	У	¥ 3.0	NA
FAN #6 Partial Basement, Southeastern Portion of Building	Y	Y	¥ 2.5	NA

320 North Goodman Street, City of Rochester, New York NYSDEC Brownfield Cleanup Program Site No. C828115

<b>LABELIA</b>	Project Name: NYSDEC BCP Site No. C828115		
Associates, P.C.	Location: 320 North Goodman Street, Rochester, New York		
300 State Street	Project No.: 211352		
Rochester, New York 14614	By: BACKER Fosts		
Phone: (585) 454-6110	Date of Inspection: /-/2-/7		
Fax: (585) 454-3066			

	INSPECTION FINDINGS			
SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER INDICATES SYSTEM IS UNDER VACUUM (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	yes	yes	y-c.5 [15	NA
FAN #2 Near Northeastern Corner of Building	y-es	Y 25	7.es 2	NA
FAN #3 Eastern Wall	yes	yes	x-e.s 1.75	NA
-FAN #4 Southern Wall	yes	Y25	725	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	y-2.5	51° e.5	4es 3.0	NR
FAN #6 Partial Basement, Southeastern Portion of Building	Y25	y 2.5	725 2.5	NA

Site Management Plan NYSDEC BCP ID #C828115 320 North Goodman Street, Rochester, New York

320 North Goodman Street, City of Rochester, New York NYSDEC Brownfield Cleanup Program Site No. C828115

	Project Name: NYSDEC BCP Site No. C828115 Location: 320 North Goodman Street, Rochester, New York		
300 State Street	Project No.: 211352		
Rochester, New York 14614	By: DATTEIL FOSTER		
Phone: (585) 454-6110	Date of Inspection: 2-6-17		
Fax: (585) 454-3066	С		

	IN	SPECTION FINE	DINGS	
SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER INDICATES SYSTEM IS UNDER VACUUM (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	yes	Yes	yes 2.0	N Å.
FAN #2 Near Northeastern Corner of Building	Y2.5	yes , ,	yes 1, 3	N .A.
FAN #3 Eastern Wall	yes	yes	yes 2.0	N.A.
FAN #4 Southern Wall	yes	Y 25	-y.e.s 1. s	N R.
FAN #5 Western Portion of Building, In Bathroom Utility Closet	y 25	425	425 3.5	Nh
FAN #6 Partial Basement, Southeastern Portion of Building	yres	ye.s	yes 215	NA

Site Management Plan NYSDEC BCP ID #C828115 320 North Goodman Street, Rochester, New York

## Sub-Slab Depressurization System (SSDS) Inspection Form Site Management Plan 320 North Goodman Street, City of Rochester, New York

NYSDEC Brownfield Cleanup Program Site No. C828115

	Project Name: NYSDEC BCP Site No. C828115 Location: 320 North Goodman Street, Rochester, New York		
300 State Street	Project No.: 211352		
Rochester, New York 14614	By: DARREll Foster		
Phone: (585) 454-6110	Date of Inspection: 3-8-17		
Fax: (585) 454-3066			

	IN	SPECTION FIND	DINGS	
SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER INDICATES SYSTEM IS UNDER VACUUM (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	<b>у е.</b> 5	yes	yes 1,75	NA
FAN #2 Near Northeastern Corner of Building	yes	yes.	yes 2.0	NR
FAN #3 Eastern Wall	yes	yes	yes 2.5	NA
FAN #4 Southern Wall	yes	yes	yes 1.5	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	yes	res	yes 2.75	NA
FAN #6 Partial Basement, Southeastern Portion of Building	yes	yes	yes 2.5	NR

## Sub-Slab Depressurization System (SSDS) Inspection Form Site Management Plan 320 North Goodman Street, City of Rochester, New York NYSDEC Brownfield Cleanup Program Site No. C828115

Associates, P.C.	Project Name: NYSDEC BCP Site No. C828115 Location: 320 North Goodman Street, Rochester, New York		
300 State Street	Project No.: 211352		
Rochester, New York 14614	By: DACIEN A. Fosto		
Phone: (585) 454-6110	Date of Inspection: 4-12-17		
Fax: (585) 454-3066	5 E		

	INSPECTION FINDINGS				
SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER INDICATES SYSTEM IS UNDER VACUUM (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN	
FAN #1 Northern Wall, Near Center of Building	yes	Y25	y-e.5 2.0	NA	
FAN #2 Near Northeastern Corner of Building	yes	yes	yes 1.3	NR	
FAN #3 Eastern Wall	yes	yes	yes 2:0	NR	
FAN #4 Southern Wall	yes	yez	yes 3.0	Nh	
FAN #5 Western Portion of Building, In Bathroom Utility Closet	yes	yes	725 2.5	NA	
FAN #6 Partial Basement, Southeastern Portion of Building	yes	ye.s	425	NA	

Site Management Plan NYSDEC BCP ID #C828115 320 North Goodman Street, Rochester, New York

## Sub-Slab Depressurization System (SSDS) Inspection Form Site Management Plan 320 North Goodman Street, City of Rochester, New York

NYSDEC Brownfield Cleanup Program Site No. C828115

LABELLA Associates, P.C.	Project Name: NYSDEC BCP Site No. C828115		
	Location: 320 North Goodman Street, Rochester, New York		
300 State Street	Project No.: 211352		
Rochester, New York 14614	By: DARREll Fostur		
Phone: (585) 454-6110	Date of Inspection: $5 - 15 - 17$		
Fax: (585) 454-3066			

INSPECTION FINDINGS				
SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER INDICATES SYSTEM IS UNDER VACUUM (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	y 25	yes	yes 1.5	NA
FAN #2 Near Northeastern Corner of Building	yes	yes .	1/2.5 2.0	NA
FAN #3 Eastern Wall	yes	ye.s	4es 1.5	NA
FAN #4 Southern Wall	yes	yes	yes 2.0	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	y-e.s	yr s	¥€.5 2.5	NA
FAN #6 Partial Basement, Southeastern Portion of Building	yes	ye.s	ye.s 2.0	NA

### 320 North Goodman Street, City of Rochester, New York NYSDEC Brownfield Cleanup Program Site No. C828115

Associates, P.C.	Project Name: NYSDEC BCP Site No. C828115 Location: 320 North Goodman Street, Rochester, New York		
300 State Street	Project No.: 211352		
Rochester, New York 14614	By: DARFEIL Fostur		
Phone: (585) 454-6110	Date of Inspection: 6-8-17		
Fax: (585) 454-3066			

INSPECTION FINDINGS							
SSDS VENT FAN & GENERAL LOCATION	& GENERAL OPERATING		VENT FAN OPERATING GOOD SYSTEM IS ENERAL PROPERLY CONDITION UNDER		COMMENTS AND/OR ACTIONS TAKEN		
FAN #1 Northern Wall, Near Center of Building	y es	ye.s	425 2.0	NA			
FAN #2 Near Northeastern Corner of Building	y-e5	ye.s	yrt.5 1.5	NA			
FAN #3 Eastern Wall	yes	yes	Yes 20	N A			
FAN #4 Southern Wall	y CJ		1-25 3-5	NA			
FAN #5 Western Portion of Building, In Bathroom Utility Closet	yes.	Ye 5	Yes 1.75	NA			
FAN #6 Partial Basement, Southeastern Portion of Building	Yes	yes.	1/25 3.0	NA			

Site Management Plan NYSDEC BCP ID #C828115 320 North Goodman Street. Rochester, New York

320 North Goodman Street, City of Rochester, New York NYSDEC Brownfield Cleanup Program Site No. C828115

	Project Name: NYSDEC BCP Site No. C828115 Location: 320 North Goodman Street, Rochester, New York					
300 State Street	Project No.: 211352					
Rochester, New York 14614	By: DARREIL FOSTV					
Phone: (585) 454-6110	Date of Inspection: $7 - 13 - 17$					
Fax: (585) 454-3066						

INSPECTION FINDINGS						
SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER INDICATES SYSTEM IS UNDER VACUUM (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN		
FAN #1 Northern Wall, Near Center of Building	yes	yes	yes 2,5	NA		
FAN #2 Near Northeastern Corner of Building	res	yes.	Yes 3.0	NA		
FAN #3 Eastern Wall	yes	yes	yes 1.75	NA		
FAN #4 Southern Wall	yes	yes	yes Z-S	NA		
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Jues	yes	1-2.5 2.75	NA		
FAN #6 Partial Basement, Southeastern Portion of Building	yes	yes	yes 2.0	NA		

Site Management Plan NYSDEC BCP ID #C828115 320 North Goodman Street, Rochester, New York

320 North Goodman Street, City of Rochester, New York NYSDEC Brownfield Cleanup Program Site No. C828115

Associates, P.C.	Project Name: NYSDEC BCP Site No. C828115 Location: 320 North Goodman Street, Rochester, New York
300 State Street	Project No.: 211352
Rochester, New York 14614	By: DACCEll Focks
Phone: (585) 454-6110	Date of Inspection: 8-16-17
Fax: (585) 454-3066	E

INSPECTION FINDINGS							
SSDS VENT FAN & GENERAL LOCATION	& GENERAL OPERATING		MANOMETER INDICATES SYSTEM IS UNDER VACUUM (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN			
FAN #1 Northern Wall, Near Center of Building	yes	YE5	yes 1.5	N A			
FAN #2 Near Northeastern Corner of Building	ye.s	yes	725 2.0	NA			
FAN #3 Eastern Wall	spes	y-25	425	NA			
FAN #4 Southern Wall	yes	yes	925 1-75	NR			
FAN #5 Western Portion of Building, In Bathroom Utility Closet	yes	yes	5425 2-5	NA			
FAN #6 Partial Basement, Southeastern Portion of Building	YES	res	545 3.0	NA			

### Sub-Slab Depressurization System (SSDS) Inspection Form Site Management Plan 320 North Goodman Street, City of Rochester, New York NYSDEC Brownfield Cleanup Program Site No. C828115

	Project Name: NYSDEC BCP Site No. C828115 Location: 320 North Goodman Street, Rochester, New York					
300 State Street	Project No.: 208613					
Rochester, New York 14614	Inspected By: PArrell Fosts					
Phone: (585) 454-6110	Date of Inspection: Forther 9-6-17					
Fax: (585) 454-3066	Weather Conditions: SUNNY					

SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER READING (INCHES OF WATER COLUMN)	LABELLING OF SYSTEM INTACT (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	J. C. S	Y25	2.75	yes	NA
FAN #2 Near Northeastern Corner of Building	yes	yes	3.0	yes	NA
FAN #3 Eastern Wall	y 25	725	1.75	res	NA
FAN #4 Southern Wall	yes	yes	3.2	ye.s	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	yes	y e.s	2,75	yes	NA
FAN #6 Partial Basement, Southeastern Portion of Building	yes	yes	3.0	Yes	NA

## Sub-Slab Depressurization System (SSDS) Inspection Form Site Management Plan 320 North Goodman Street, City of Rochester, New York NYSDEC Brownfield Cleanup Program Site No. C828115

	Project Name: NYSDEC BCP Site No. C828115 Location: 320 North Goodman Street, Rochester, New York				
300 State Street	Project No.: 211352				
Rochester, New York 14614	By: DAMEN Foster				
Phone: (585) 454-6110	Date of Inspection: 10-10-17				
Fax: (585) 454-3066					

INSPECTION FINDINGS							
SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER INDICATES SYSTEM IS UNDER VACUUM (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN			
FAN #1 Northern Wall, Near Center of Building	Wall, iter of YES YES		y 25	NR			
FAN #2 Near Northeastern Corner of Building	Yes	YES	1.5 5485	N.A.			
FAN #3 Eastern Wall	yes.	yes	yes 1.75	N.AI			
FAN #4 Southern Wall	yes	Y C.S	4 C.S. 1 & 4	NA			
FAN #5 Western Portion of Building, In Bathroom Utility Closet	YES	yes	yes 3.5	N.A.			
FAN #6 Partial Basement, Southeastern Portion of Building	y es	yes	yes 2.7	N.R.			

Site Management Plan NYSDEC BCP ID #C828115 320 North Goodman Street, Rochester, New York



Rochester Drug Cooperative Building-Brownfield Site # C828115 320 North Goodman Street, Rochester, New York Periodic Review Report: November 2016 to October 2017



Farking lot over remedial excavation, facing north	<image/>

#### **Rochester Drug Cooperative Building-Brownfield Site # C828115** 320 North Goodman Street, Rochester, New York Periodic Review Report: November 2016 to October 2017





Engineering Architecture Environmental

# **APPENDIX B**

Institutional and Engineering Controls Certification Form

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#### Enclosure 2 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form



					Site Details		Box 1		
	Site	e No.	C828115						
	Site Name Rochester Drug Cooperative Building								
	Site Address: 320 N. Goodman Street Zlp Code: 14607 City/Town: Rochester County: Monroe Site Acreage: 2.7								
	Rep	porting Perio	od: October 12, 2	2016 to Oc	tober 12, 2017				
							YES NO		
X	1.	Is the infor	mation above cor	rect?			X		
		If NO, inclu	ide handwritten a	bove or on	a separate sheet.				
X	2.	Has some tax map ar	or all of the site p nendment during	roperty be this Repor	en sold, subdivided, merg ting Period?	jed, or undergone a	X		
X	3.		been any change RR 375-1.11(d))'		he site during this Report	ing Period			
X	4.		ederal, state, and e property during		ermits (e.g., building, disc ting Period?	harge) been issued			
					thru 4, include docume busly submitted with this				
X	5.	Is the site o	currently undergo	ing develo	pment?		X		
							Box 2		
							YES NO		
	6.		ent site use consis al and Industrial	atent with t	he use(s) listed below?				
	7.	Are all ICs/	ECs in place and	functionin	g as designed?		$\bowtie$		
	IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.								
	A Corrective Measures Work Plan must be submitted along with this form to address these issues.								
	Sigr	nature of Ow	mer, Remedial Pa	rty or Desig	gnated Representative	Date			

<ul> <li>8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsile contamination are no longer valid?</li> <li>If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.</li> <li>9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)</li> <li>If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.</li> <li>SITE NO. C828115</li> <li>Box 3</li> <li>Description of institutional Controls</li> <li>Parcel</li> <li>Owner</li> <li>106.84-01-01</li> <li>Gary and Marcia Stern Fam. Ltd Partnersh</li> <li>Compliance with the environmental easement and the SMP;</li> <li>All asphalt surfaces and the on-sile building are considered a cover system to prevent direct contact with residual contamination in soil and must be maintained;</li> <li>The SSDS must be monitored and operate on a continuous basis;</li> <li>Any future building must be evaluated for soil vapor intrusion;</li> <li>Groundwater use is as a potable source is prohibited;</li> <li>The Site is restricted to commercial and/or industrial uses; and</li> <li>Periodic certification that all instutional and engineering controls are in place and that the SMP is being implemented.</li> <li>Box 4</li> <li>Description of Engineering Controls</li> <li>Parcel</li> <li>Yapor Mitigation Cover System</li> </ul>					Box 2A
that documentation has been previously submitted with this certification form.         9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)       Image: Comparison of Comparison	8. Has any new info Assessment rega	rmation revealed that assumptions arding offsite contamination are no I	made in the Qu onger valid?	alitative Exposure	YES NO
(The Qualitative Exposure Assessment must be certified every five years)       Image: Comparison of the provided event event event of the provided event eve	If you answered that documental	YES to question 8, Include docu tion has been previously submitt	mentation or e ed with this ce	vidence rtification form.	
updated Qualitative Exposure Assessment based on the new assumptions.         SITE NO. C828115       Box 3         Description of Institutional Controls         Parcel       Owner       Institutional Control         106.84-01-01       Gary and Marcia Stern Fam. Ltd Partnersh       Institutional Control         Ground Water Use Restriction       Soil Management Plan       Landuse Restriction         Site Management Plan       Landuse Restriction       Site Management Plan         - Compliance with the environmental easement and the SMP;       - All asphalt surfaces and the on-site building are considered a cover system to prevent direct contact with residual contamination in soil and must be maintained;       - The SSDS must be monitored and operate on a continuous basis;       - Any future building must be evaluated for soil vapor Intrusion;         - Groundwater use Is as a potable source is prohibited;       - The Site is restricted to commercial and/or industrial uses; and       - Periodic certification that all instutional and engineering controls are in place and that the SMP is being implemented.         Box 4         Description of Engineering Controls         Engineering Control         Vapor Miligation       Vapor Miligation					$\square$
Description of Institutional Controls         Parcel       Owner       Institutional Control         106.84-01-01       Gary and Marcia Stern Fam. Ltd Partnersh       Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan O&M Plan IC/EC Plan         - Compliance with the environmental easement and the SMP;       -         - All asphalt surfaces and the on-site building are considered a cover system to prevent direct contact with residual contamination in soil and must be maintained;       -         - The SSDS must be monitored and operate on a continuous basis;       -         - Any future building must be evaluated for soil vapor intrusion;       -         - Groundwater use is as a potable source is prohibited;       -         - The Site is restricted to commercial and/or industrial uses; and       -         - Periodic certification that all instutional and engineering controls are in place and that the SMP is being implemented.       Box 4         Bescription of Engineering Controls         Engineering Control         Parcel       Engineering Control         Yapor Mitigation       Vapor Mitigation					
Parcel       Owner       Institutional Control         106.84-01-01       Gary and Marcia Stern Fam. Ltd Partnersh       Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan O&M Plan IC/EC Plan         - Compliance with the environmental easement and the SMP;       - All asphalt surfaces and the on-site building are considered a cover system to prevent direct contact with residual contamination in soil and must be maintained;       - The SSDS must be monitored and operate on a continuous basis;         - Any future building must be evaluated for soil vapor intrusion;       - Groundwater use is as a potable source is prohibited;         - The Site is restricted to commercial and/or industrial uses; and       - Periodic certification that all instutional and engineering controls are in place and that the SMP is being implemented.         Box 4       Description of Engineering Controls         Parcel       Engineering Control         Yapor Mitigation       Vapor Mitigation	SITE NO. C828115				Box 3
106.84-01-01       Gary and Marcia Stern Fam. Ltd Partnersh       Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan O&M Plan IC/EC Plan         - Compliance with the environmental easement and the SMP:       - All asphalt surfaces and the on-site building are considered a cover system to prevent direct contact with residual contamination in soil and must be maintained;         - The SSDS must be monitored and operate on a continuous basis;         - Any future building must be evaluated for soil vapor intrusion;         - Groundwater use is as a potable source is prohibited;         - The Site is restricted to commercial and/or industrial uses; and         - Periodic certification that all instutional and engineering controls are in place and that the SMP is being implemented.         Box 4         Description of Engineering Controls         Parcel         106.884-01-01         Vapor Mitigation	Description of Ins	stitutional Controls			
All asphalt surfaces and the on-site building are considered a cover system to prevent direct contact with residual contamination in soil and must be maintained;     The SSDS must be monitored and operate on a continuous basis;     Any future building must be evaluated for soil vapor intrusion;     Groundwater use is as a potable source is prohibited;     The Site is restricted to commercial and/or industrial uses; and     Periodic certification that all instutional and engineering controls are in place and that the SMP is being implemented. Box 4 Description of EngIneering Controls Parcel I06.84-01-01 Vapor Mitigation	Parcel	Owner	Ltd Partnersh	Ground Water Us Soil Management Landuse Restrictio Site Management O&M Plan	e Restriction Plan on
residual contamination in soil and must be maintained; - The SSDS must be monitored and operate on a continuous basis; - Any future building must be evaluated for soil vapor intrusion; - Groundwater use is as a potable source is prohibited; - The Site is restricted to commercial and/or industrial uses; and - Periodic certification that all instutional and engineering controls are in place and that the SMP is being implemented. Box 4 Description of Engineering Controls Parcel 106.84-01-01 Vapor Mitigation	- Compliance with the e	nvironmental easement and the SM	۱P;		
<ul> <li>Any future building must be evaluated for soil vapor intrusion;</li> <li>Groundwater use is as a potable source is prohibited;</li> <li>The Site is restricted to commercial and/or industrial uses; and</li> <li>Periodic certification that all instutional and engineering controls are in place and that the SMP is being implemented.</li> </ul> Box 4          Description of Engineering Controls         Parcel       Engineering Control         106.84-01-01       Vapor Mitigation			red a cover syst	em to prevent direct	contact with
Groundwater use is as a potable source is prohibited;     The Site is restricted to commercial and/or industrial uses; and     Periodic certification that all instutional and engineering controls are in place and that the SMP is being implemented.      Box 4     Description of Engineering Controls     Engineering Control     Vapor Mitigation	- The SSDS must be m	onitored and operate on a continuc	bus basis;		
The Site is restricted to commercial and/or industrial uses; and     Periodic certification that all instutional and engineering controls are in place and that the SMP is being implemented.      Box 4     Description of Engineering Controls     Parcel     Engineering Control     Vapor Mitigation	- Any future building mi	ust be evaluated for soil vapor intru	sion;		
- Periodic certification that all instutional and engineering controls are in place and that the SMP is being implemented. Box 4 Description of Engineering Controls Parcel 106.84-01-01 Vapor Mitigation	- Groundwater use is as	s a potable source is prohibited;			
implemented. Box 4 Description of EngIneering Controls Parcel Engineering Control 106.84-01-01 Vapor Mitigation	- The Site is restricted t	o commercial and/or industrial use	s; and		
Description of EngIneering Controls Parcel Engineering Control 106.84-01-01 Vapor Mitigation		hat all instutional and engineering o	controls are in p	lace and that the SN	MP is being
Parcel Engineering Control 106.84-01-01 Vapor Mitigation					Box 4
Parcel Engineering Control 106.84-01-01 Vapor Mitigation	Description of Er	igineering Controls			
Vapor Mitigation			trol		
	106.84-01-01				

		Box 5
	Periodic Revlew Report (PRR) Certification Statements	
1. Ic	certify by checking "YES" below that:	
	<ul> <li>a) the Periodic Review report and all attachments were prepared under the direction o reviewed by, the party making the certification;</li> </ul>	f, and
	<ul> <li>b) to the best of my knowledge and belief, the work and conclusions described in this are in accordance with the requirements of the site remedial program, and generally ac engineering practices; and the information presented is accurate and compete.</li> </ul> YES	
or	this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each r Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of illowing statements are true:	
	(a) the Institutional Control and/or Engineering Control(s) employed at this site is unch since the date that the Control was put in-place, or was last approved by the Departme	
	(b) nothing has occurred that would impair the ability of such Control, to protect public the environment;	health and
	(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;	
	(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and	
	(e) if a financial assurance mechanism is required by the oversight document for the s mechanism remains valid and sufficient for its intended purpose established in the doc	
	YES	
	IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.	
A Co	orrective Measures Work Plan must be submitted along with this form to address these is	ssues.
	lature of Owner, Remedial Party or Designated Representative Date Date	

	IC CERTIFICATIONS SITE NO. C828115	
		Box 6
	SITE OWNER OR DESIGNATED REPRESENTATIVE SIGN/ I certify that all information and statements in Boxes 1,2, and 3 are true. I undor statement made herein is punishable as a Class "A" misdemeanor, pursuant to Penal Law.	erstand that a false
х	print name at 274 N Guidman s	t. Ruch NY 1460?
	am certifying as(	Owner or Remedial Party)
	for the Site named in the Site Details Section of this form.	Date

I

	C/EC CERTIFICATIONS	
Pro	fessional Engineer Signature	Box 7
nunishable as a Class "A" micdomogno	nd 5 are true. I understand that a false state r, pursuant to Section 210.45 of the Penal La	
DANTEL P. NoLL	at <u>LABella Associates</u> 30 print business address	0 State St
print name	print business address	Roches
am certifying as a Professional Enginee	er for the OWNCT	
	DIE OFONERNO Remedia	al Party)
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	(*During )*	
	LE WERE A	
	101	11 Jalin
DIPM		
D. P. M. Signature of Professional Engineer, for	No. 081996	11/1/14

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