New York State - Department of Environmental Conservation
Division of Environmental Remediation
Periodic Review Evaluation Report

Period covered by -- 2007-08

Site Code:	152103	**Site Name:**	Commercial Envelope Mfg. Co., Inc.	**Class:**	04
Program Lead:	State Superfund Program	**Site Management Funding Source:**	Responsible Party (RP)		
Start Date:	05/20/1998 ACT				
IC/EC Certification:	N/A	**Received Date:**	N/A	**Accept Date:**	N/A
DEC Inspection Date:	12/19/2006 --- Last Date of DEC Inspection				
Report Used for Evaluation:	Site Management (Groundwater Monitoring, Soil Vapor Intrusion Evaluation)				
Compliance with Decision Document?	Yes (Operation & Maintenance Plan for Groundwater Monitoring)				
Long Term Monitoring:	Yes	**Sampling Frequency:**	Once every five quarters	**Number of Wells:**	4
Treatment System:	No	**Maintenance Frequency:**	N/A		

Problem Status:

Health & Safety / Site Conditions — Moderate

Elements

Soil Vapor Intrusion

Well Location/ Height / Access

Impact Potential — Moderate

Elements

Health Impact-Potential

Comments/Changes/Attachments:

The remedial action was conducted in 1986 and groundwater monitoring was initiated in Feb. 1998. The Dec. 2006 groundwater monitoring results detected chlorinated volatile organic compounds (CVOC)in the vicinity of the source area. Source area results indicate that contaminant levels are decreasing, but PCE levels appear to be increasing slightly since Sept. 2002. Samples obtained from down-gradient monitoring wells are typically non-detect or below groundwater standards.

In 2006, a soil vapor intrusion evaluation was conducted that detected significant CVOC levels in the vicinity of the source area, and requires further evaluation to determine if indoor air quality is impacted by residual soil and groundwater contamination by collecting indoor air and sub-slab soil vapor samples. Based on the indoor air quality assessment the effectiveness of the 1986 remedial action will be determined.

Based on site observations, MW-4 flushmount was damaged and needs to be repaired.

Decision Document Modifications? No

Site reclassification recommended: No

☑ SM Certified
All Data Entered

New York State - Department of Environmental Conservation
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Periodic Review Evaluation Report

Contaminant of concern	OU	Media/Receptor
METHYLENE CHLORIDE	01	
TETRACHLOROETHYLENE (PCE OR "PERC.")	01	
TOLUENE	01	
XYLENE	01	
1,2,4-TRIMETHYL BENZENE	01	
TRICHLOROETHYLENE (TCE)	01	
CIS-DICHLOROETHYLENE	01	
COPPER	01	
TOLUENE	01	
ZINC, LEAD	01	

Evaluation: The Remedy is performing properly and effectiveness will be evaluated.

Remedies	OU	Site of Treatment	Date in Place	Remedy Effective
Excavation (removal offsite)	01	See below	1/1/1986	Yes

Between January 1986 and April 1986, approximately 3,000 gallons of liquid and one hundred 55-gallon drums of sludge were extracted from the three underground waste ink tanks. In addition, approximately 1,500 gallons of liquid and thirty one 55-gallon drums of sludge were removed from an area below and around the trash compactor and from an area adjacent to the waste ink tanks. The three USTs, influent piping and the leaching pools were cleaned and closed in place in accordance with the Suffolk County Sanitary Code.

Next Review: July 2012	**Review Frequency:** Once every five years.
Project Manager: BFJANKAU	**Reviewer:** John B. Swartwout
Signature: [signature] Date: 8/14/07	Signature: John B Swartwout Date: 8/14/2007
Name: Brian Jankauskas Region or Bureau: A Telephone: 402-9620	Name: John B. Swartwout Region or Bureau: BURA Telephone: 402-9620

☑ SM Certified
All Data Entered

NAC CONSULTANTS, INC.
28 Henry Street
Kings Park, New York 11754
631-269-2680
Fax 631-269-2685

July 10, 2007

Brian Jankauskas, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau A
625 Broadway, 11th Floor
Albany, New York 12233-7015

Re: Site Periodic Review Information
Commercial Envelope Manufacturing Company, Inc.
900 Grand Boulevard, Deer Park, New York
USEPA Site Number 1-52-103

Dear Mr. Jankauskas,

As per your request, we are pleased to present the following information regarding the Commercial Envelope Manufacturing Company, Inc. (CEM) site, located at 900 Grand Boulevard in Deer Park, New York.

The property is zoned for industrial use and is privately is owned by MAS Boulevard Associates, located at 900 Grand Boulevard in Deer Park, New York. CEM purchased the previously undeveloped property in 1972. The original property was approximately 12 acres in size and consisted of a 131,000 square foot facility, with an additional stand alone-warehouse constructed around 1985. CEM has been manufacturing envelopes at this facility since it developed the 12 acre property in 1972.

CEM applied for a Subdivision Application (Subdivision Application # 90-02MN; Suffolk County Tax Map #100-67-22.2, 24.64, 24.55) in 1990, and sold approximately 5 acres of the subdivided property to ELM Freight Handlers, Inc. No other sale, subdivision, property merger and/or tax map amendment of or for this property has occurred since the submission of the ***January 1998, Operation and Maintenance Plan.***

CEM currently holds permits issued by the New York State Department of Environmental Conservation (NYSDEC), Suffolk County Department of Health Services (SCDHS) and by the Town of Babylon (TOB). NYSDEC issued CEM a minor air registration permit (permit # 1472000082) for two onsite emission points (R0002 and 00001) and a SPDES discharge permit (permit #NY-0177113) for its industrial wastewater. SCDHS issued CEM a Toxic/Hazardous Material Storage Facility Permit (permit #1-0658) for its aboveground storage tanks and its bulk

storage areas with secondary containment area and a Permit to Construct a Toxic/Hazardous Material Storage Facility Permit (permit #HM04-237R1). TOB issued a Fire Prevention Permit (permit # 1998/5) for storage of isopronol, ethanol, kerosene, acetylene, oxygen and nitrogen tanks and issued a Sign Permit (permit #12685) for its outdoor sign.

CEM currently receives electrical service by Long Island Power Authority and receives water service from Suffolk County Water Authority.

Please contact me if you have any questions.

Sincerely,
NAC CONSULTANTS, INC.

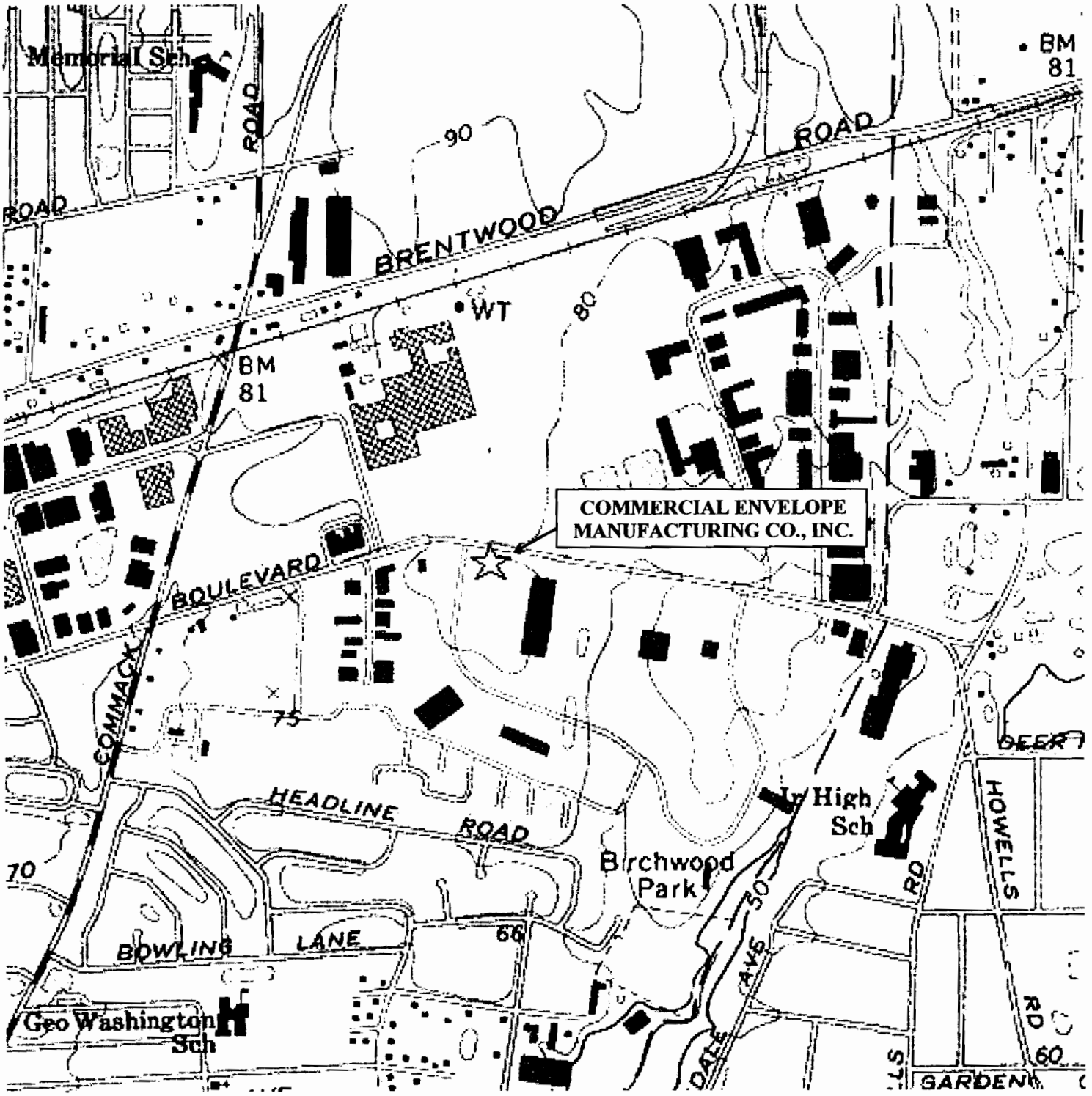
Michael A. Bluight

cc: Steven Kristel (Commercial Envelope Manufacturing Company, Inc.)

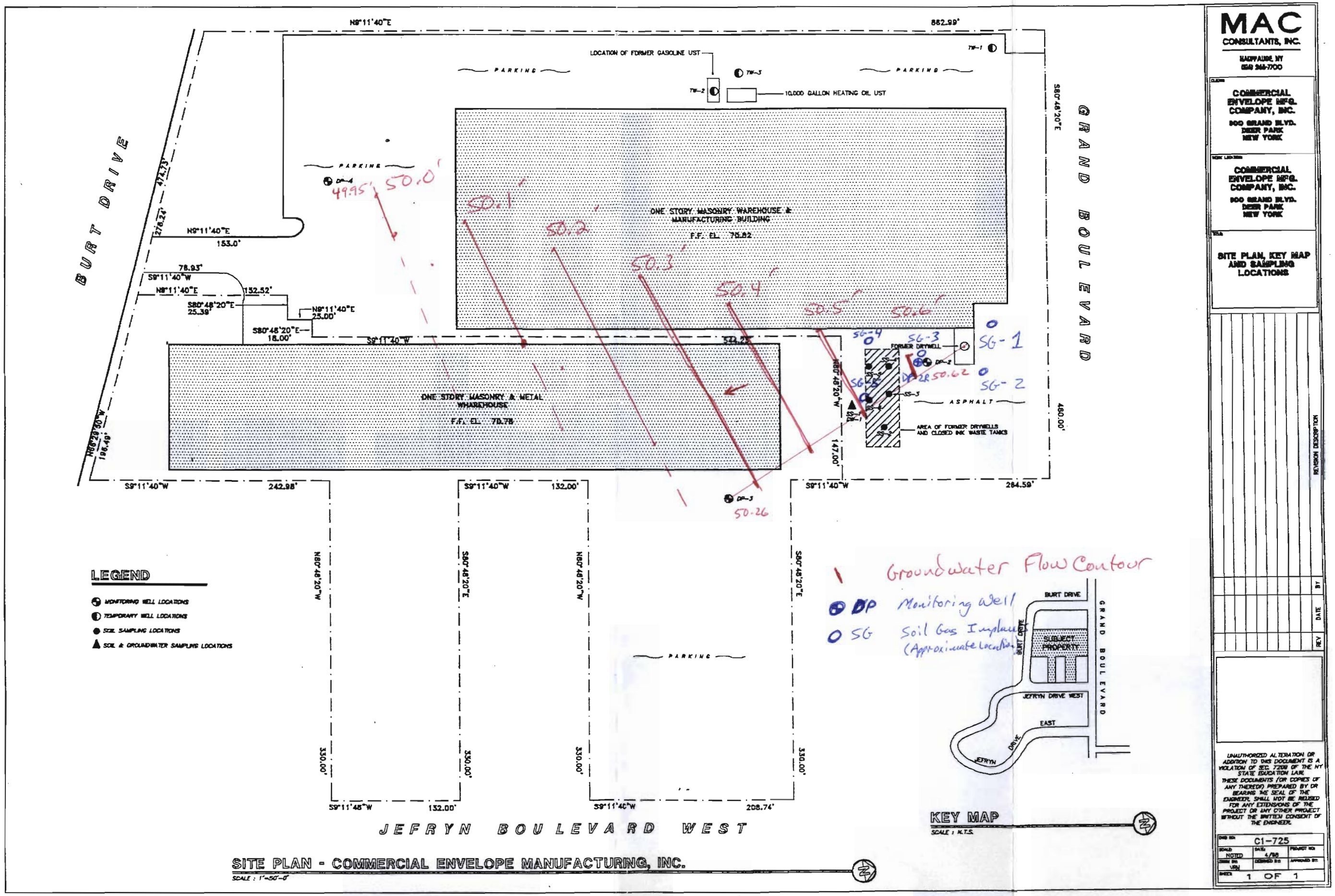
Commercial Envelope Manufacturing Company, Inc.
Deer Park, New York

Figure 1

Site Location Map



Dec 2006 GW Elev.



LEGEND

- MONITORING WELL LOCATIONS
- TEMPORARY WELL LOCATIONS
- SOIL SAMPLING LOCATIONS
- SOIL & GROUNDWATER SAMPLING LOCATIONS

1 Groundwater Flow Contour

DP Monitoring Well

SG Soil Gas Implants (Approximate Location)

KEY MAP

SCALE : N.T.S.

SITE PLAN - COMMERCIAL ENVELOPE MANUFACTURING, INC.

SCALE : 1"=50'-0"

MAC CONSULTANTS, INC.

HAUPPAUGE, NY
(631) 348-7700

CLIENT: COMMERCIAL ENVELOPE MFG. COMPANY, INC.
900 GRAND BLVD.
DEER PARK
NEW YORK

WORK LOCATION: COMMERCIAL ENVELOPE MFG. COMPANY, INC.
900 GRAND BLVD.
DEER PARK
NEW YORK

TITLE: SITE PLAN, KEY MAP AND SAMPLING LOCATIONS

REVISION DESCRIPTION | BY | DATE | REV

DWG NO: C1-725
SCALE: NOTED
DATE: 4/06
PROJECT NO:
DRAWN BY: VRN
DESIGNED BY:
APPROVED BY:
SHEET: 1 OF 1

Commercial Envelope Manufacturing Company, Inc.
Deer Park, New York

Table 1
December 2006 Groundwater Sampling Results
Volatile Organic Compounds USEPA Method 8260, VOC List 601/602

Well Identification	DP-2R		DP-3	DP-4	DP-5	QA/QC Trip Blank	Characterization	NYSDEC Groundwater Standards (µg/l)
Sample ID	DP-2R	DUP	DP-3	DP-4	DP-5	Trip Blank	Characterization	
Sampling Date	December 20, 2006	December 20, 2006	December 20, 2006	December 20, 2006	December 20, 2006	-	December 20, 2006	
PARAMETER - µg/l								
Chloromethane	ND [1]	ND	ND	ND	ND	ND	ND	* [3]
Bromomethane	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	2.0
Chloroethane	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
1,2-Dichloroethene	**62.0**	**57.0**	ND	ND	ND	ND	ND	5.0 [2]
Chloroform	ND	ND	ND	ND	ND	ND	ND	7.0
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	0.6
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	5.0
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	*
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	1.0
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	0.4 [4]
Trichloroethene	**49.0**	**45.0**	ND	ND	ND	ND	ND	5.0 [2]
Chlorodibromomethane	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	1.0
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	0.4 [4]
2-Chloroethyl vinyl ether	ND	ND	ND	ND	ND	ND	ND	*
Bromoform	ND	ND	ND	ND	ND	ND	ND	*
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
Tetrachloroethene	**210.0**	**200.0**	ND	ND	ND	ND	ND	5.0 [2]
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	3.0
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	3.0
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	3.0
Benzene	ND	ND	ND	ND	ND	ND	ND	1.0
Toluene	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
Ethyl Benzene	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
m&p-Xylenes	ND	ND	ND	ND	ND	ND	ND	5.0 [2]
o-Xylene	ND	ND	ND	ND	ND	ND	ND	5.0 [2]

Notes:

1. ND - Non-Detect
2. (POC) - Principal Organic Contaminant
3. * - No groundwater standard for this compound
4. Applies to the sum of cis- and trans-1,3-dichloropropene

Commercial Envelope Manufacturing Company, Inc.
Deer Park, New York

Table 2 Groundwater Sampling Results: Monitoring Wells DP-2/DP-2R [1]
Water Analytical Results (ug/l): Volatile Organic Compounds
USEPA Method 8260, VOC List 601/602

Sample Collection Date	February 6, 1986	June 29, 1988	December 18, 1996	February 27, 1998	May 28, 1998	August 20, 1998	December 18, 1998	April 14, 1999	June 29, 1999	NYSDEC Groundwater Standards (µg/l)
Parameter (ug/l)										
Chloromethane	ND[2]	ND	ND	ND	ND	ND	ND	ND	ND	*
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Dichlorodifluomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Vinyl Chloride	**2**	ND	ND	ND	ND	ND	ND	ND	ND	2.0
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
1,2-Dichloroethene	**610**	**17**	**160**	**270**	**130**	ND	**9**	**470**	ND	5.0
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.0
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Trichloroethylene	ND	**4**	**120**	**190**	**130**	ND	ND	**230**	**10**	5.0
Chlorodibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
2-Chloroethyl Vinyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Tetrachloroethene	ND	**32**	**100**	**210**	**300**	**1**	ND	**770**	**44**	5.0
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.0
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.0
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.0
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Toluene	ND	ND	ND	ND	ND	ND	**2**	ND	ND	5.0
Ethyl Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
m-Xylene	-	ND	ND	ND	ND	ND	ND	ND	ND	5.0
o&p-Xylene	-	ND	ND	ND	ND	ND	ND	ND	ND	5.0

Commercial Envelope Manufacturing Company, Inc.
Deer Park, New York

Table 2 (continued) Groundwater Sampling Results: Monitoring Wells DP-2/DP-2R
Water Analytical Results (ug/l): Volatile Organic Compounds
USEPA Method 8260, VOC List 601/602

Sample Collection Date	May 17, 2000	December 7, 2000	May 25, 2001	September 10, 2002	March 13, 2003	June 10, 2004	September 7, 2005	December 20, 2006	NYSDEC Groundwater Standards (ppb)
Parameter (ug/l)									
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	*
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Dichlorodifluomethane	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Vinyl Chloride	ND	**3**	ND	ND	ND	ND	ND	ND	2.0
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Methylene Chloride	ND	**1**	ND	ND	ND	ND	ND	ND	5.0
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	5.0
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	5.0
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	5.0
1,2-Dichloroethene	**360**	**190**	**80**	**110**	**68**	**77**	**17**	**62**	5.0
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	7.0
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	0.6
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	5.0
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	1.0
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Trichloroethylene	**120**	**52**	**160**	**110**	**74**	**62**	**23**	**49**	5.0
Chlorodibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	5.0
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	1.0
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	0.4
2-Chloroethyl Vinyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	*
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	*
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Tetrachloroethene	**250**	**51**	**280**	ND	**96**	**170**	**100**	**210**	5.0
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	5.0
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3.0
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3.0
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3.0
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Toluene	ND	**300**	ND	ND	ND	ND	ND	ND	5.0
Ethyl Benzene	ND	ND	ND	ND	ND	ND	ND	ND	5.0
m-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	5.0
o&p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	5.0

Notes 1 Monitoring Well DP-2 was decommissioned on due to fire Replacement well DP-2R constructed on adjacent to former well.
2 ND - Non-Detect

Commercial Envelope Manufacturing Company, Inc.
Deer Park, New York

Table 3 (Page 1 of 4)
Soil Vapor Intrusion Investigation
December 19, 2006 Sampling Round

Sample Source	QA/QC Ambient Air						Soil Vapor Implant SG-1						Soil Vapor Implant SG-2						Soil Vapor Implant SG-3						NYSDOH Air Guideline Values (ug/m^3)	EPA BASE DATA Background Levels for Offices (Outdoors); 1994-1998 (ug/m^3)
Sample Identification	FB01219						SG-1						SG-2						SG-3							
Laboratory Identification	FB1219			FB01219DL			SG-1			SG-1DL			SG-2			SG-2DL			SG-3			SG-3DL				
Dilution Factor	1 : 1			2 : 1			1 : 1			4 : 1			2 : 1			20 : 1			20 : 1			44 : 1				
Concentration Units	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual		
Sample Parameters																										
Dichlorodifluoromethane	2.33	0.47		1.98	0.40	D	1.93	0.39		3.17	0.64	D	2.38	0.48		ND	ND		ND	ND		ND	ND		-	-
Chloromethane	0.96	0.46		0.82	0.40	D	0.74	0.36		1.06	0.51	D	0.78	0.38		ND	ND		ND	ND		ND	ND		-	2.00 - 3.00
Vinyl Chloride	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.00
Bromomethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.00
Chloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Trichlorofloromethane (Freon11)	1.23	0.22		ND	ND		1.40	0.25		ND	ND		49.10	8.74		148.00	26.34	D	76.20	13.56		41.90	7.46	D	-	-
Isopropyl Alcohol	59.70	24.29	E	56.30	22.91	D	8.12	3.30		9.52	3.87	D	6.28	2.56		ND	ND		ND	ND		ND	ND		-	-
Dichlorotetrafluoroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,1,2-Trichlorotrifluoroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Bromoethene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Propene	2.08	1.21		2.27	1.32	DB	1.31	0.76	B	ND	ND		2.16	1.26	B	14.10	8.19	JD	12.70	7.38	J	ND	ND		-	-
Heptane	0.94	0.23		0.90	0.22	D	0.53	0.13		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,1-Dichloroethylene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.00
Ethyl Acetate	10.90	3.03		9.00	2.50	D	9.75	2.71		8.21	2.28	D	61.30	17.03		79.90	22.20	D	72.00	20.00		ND	ND		-	-
Acetone	8.90	3.75		10.60	4.46	D	66.80	28.12	E	60.00	25.26	D	136.00	57.25	E	202.00	85.04	D	27.00	11.37		24.00	10.10	D	-	15.00 - 32.00
Carbon Disulfide	ND	ND		ND	ND		ND	ND		ND	ND		0.68	0.22		ND	ND		ND	ND		ND	ND		-	-
Methyl tert-butyl Ether	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.80
Methylene Chloride	1.08	0.31	B	1.81	0.52	D	2.05	0.59		ND	ND		12.40	3.57		27.10	7.80	DB	21.60	6.22	B	ND	ND		60.00	2.00 - 3.00
Allyl Chloride	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
trans-1,2-Dichloroethene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		34.10	9.68		24.40	6.93	JD	-	-
Vinyl Acetate	ND	ND		1.97	0.56	D	ND	ND		ND	ND		1.48	0.42		ND	ND		ND	ND		ND	ND		-	-
1,1-Dichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 0.40
Cyclohexane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
2-Butanone	0.71	0.24		0.94	0.32	JD	1.15	0.39		ND	ND		7.89	2.68		12.40	4.20	D	ND	ND		ND	ND		-	-
Carbon Tetrachloride	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.00
cis-1,2-Dichloroethylene	ND	ND		ND	ND		3.33	0.84		4.28	1.08		ND	ND		ND	ND		1,181.00	297.86		728.00	183.61	D	-	< 1.00
Chloroform	ND	ND		ND	ND		ND	ND		ND	ND		2.24	0.45		ND	ND		ND	ND		ND	ND		-	< 0.40
1,4-Dioxane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,1,1-Trichloroethane	ND	ND		ND	ND		4.24	0.78		5.87	1.08		42.90	7.86		85.90	15.74	D	232.00	42.52		153.00	28.04	D	-	< 0.60 - 1.70
Tetrahydrofuran	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
2,2,4-Trimethylpentane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Benzene	1.50	0.47		1.47	0.46	D	1.02	0.32		1.28	0.40	JD	1.47	0.46		ND	ND		ND	ND		ND	ND		-	1.20 - 3.70
1,2-Dichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 0.60
Trichloroethylene	ND	ND		ND	ND		21.60	4.02		30.20	5.62	D	3.32	0.62		ND	ND		5,718.00	1,063.97	E	2,789.00	518.96	D	5.00	< 1.50
1,2-Dichloropropane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.40
Bromodichloromethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
4-Methyl-2-Pentanone	ND	ND		ND	ND		ND	ND		ND	ND		8.92	2.18		ND	ND		ND	ND		ND	ND		-	-
Toluene	17.80	4.73		12.70	3.37	D	8.09	2.15		7.68	2.04	D	10.50	2.79		14.30	3.80	D	21.10	5.60		ND	ND		-	5.90 - 16.00
trans-1,3-Dichloropropene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
cis-1,3-Dichloropropene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,1,2-Trichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 12.00
2-Hexanone	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-

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Soil Vapor Intrusion Investigation
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Sample Source	QA/QC Ambient Air						Soil Vapor Implant SG-1						Soil Vapor Implant SG-2						Soil Vapor Implant SG-3						NYSDOH Air Guideline Value (ug/m^3)	EPA BASE DATA Background Levels for Offices (Outdoors); 1994-1998 (ug/m^3)
Sample Identification	FB01219						SG-1						SG-2						SG-3							
Laboratory Identification	FB1219			FB01219DL			SG-1			SG-1DL			SG-2			SG-2DL			SG-3			SG-3DL				
Dilution Factor	1 : 1			2 : 1			1 : 1			4 : 1			2 : 1			20 : 1			20 : 1			44 : 1				
Concentration Units	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual		
Sample Parameters																										
Dibromochloromethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,2-Dibromoethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.2
Tetrachloroethylene	ND	ND		2.72	0.40	D	153.00	22.55	E	177.00	26.09	D	239.00	35.22		388.00	57.18	D	62,280.00	9178.70	E	31,681.00	4669.08	ED	100.00	< 1.40 - 3.20
Chlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 0.80
Ethyl Benzene	ND	ND		ND	ND		1.34	0.31		ND	ND		1.99	0.46		ND	ND		ND	ND		ND	ND		-	< 1.40 - 1.60
m/p-Xylene	0.87	0.20	J	ND	ND		5.59	1.29		4.16	0.96	D	10.40	2.39		ND	ND		19.10	4.40		ND	ND		-	< 3.60 - 7.30
o-Xylene	ND	ND		ND	ND		2.12	0.49		1.73	0.40	JD	3.99	0.92		ND	ND		ND	ND		ND	ND		-	< 1.40 - 2.60
Styrene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.60
Bromoform	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,1,2,2-Tetrachloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,3,5-Trimethylbenzene	ND	ND		ND	ND		1.62	0.33		ND	ND		4.02	0.82		ND	ND		ND	ND		ND	ND		-	< 1.40
1,2,4-Trimethylbenzene	0.54	0.11		ND	ND		3.34	0.68		2.55	0.52	D	13.10	2.66		17.66	3.59	D	ND	ND		ND	ND		-	< 1.6 - 3.1
4-Ethyltoluene	ND	ND		ND	ND		3.34	0.68		ND	ND		7.36	1.50		ND	ND		ND	ND		ND	ND		-	-
1,3-Dichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 0.80
1,4-Dichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,2-Dichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.00
1,2,4-Trichlorobenzene	4.00	0.54		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Hexachlorobutadiene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,3-Butadiene	ND	ND		0.49	0.22	D	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Hexane	ND	ND		1.62	0.46	D	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Benzyl Chloride	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-

Notes: ND - The compound was not detected.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
E - Data indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analyses
D - Sample required dilution due to high concentration of target analyte

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Soil Vapor Intrusion Investigation
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Sample Source	Soil Vapor Implant SG-3						Soil Vapor Implant SG-4						Soil Vapor Implant SG-5						NYSDOH Air Guideline Values (ug/m^3)	EPA BASE DATA Background Levels for Offices (Outdoors); 1994-1998 (ug/m^3)
Sample Identification	DUP						SG-4			SG-4DL			SG-5			SG-5DL				
Laboratory Identification	DUP			DUPDL			SG-4			SG-4DL			SG-5			SG-5DL				
Dilution Factor	20 : 1			44 : 1			8 : 1			18 : 1			1 : 1			8 : 1				
Concentration Units	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual		
Dichlorodifluoromethane	ND	ND		ND	ND		196.00	39.63		106.00	21.43	D	2.42	0.49		5.54	1.12	D	-	-
Chloromethane	ND	ND		ND	ND		ND	ND		ND	ND		1.19	0.58		2.94	1.42	D	-	2.00 - 3.00
Vinyl Chloride	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.00
Bromomethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.00
Chloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Trichlorofluoromethane (Freon11)	61.60	10.96		ND	ND		1,645.00	292.72	E	878.00	156.24	D	112.00	19.93		250.00	44.49	D	-	-
Isopropyl Alcohol	ND	ND		ND	ND		62.80	25.55		38.90	15.83	D	31.30	12.74		47.10	19.16	D	-	-
Dichlorotetrafluoroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,1,2-Trichlorotrifluoroethane	ND	ND		ND	ND		ND	ND		ND	ND		0.76	0.08	J	ND	ND		-	-
Bromoethene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Propene	12.40	7.20	J	ND	ND		ND	ND		ND	ND		1.82	1.06	B	7.56	4.39	D	-	-
Heptane	ND	ND		ND	ND		ND	ND		ND	ND		0.78	0.19		ND	ND		-	-
1,1-Dichloroethylene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.00
Ethyl Acetate	504.00	140.03		271.00	75.29	D	ND	ND		ND	ND		ND	ND		ND	ND		-	-
Acetone	100.00	42.10		67.80	28.54	D	35.70	15.03		26.00	10.95	D	58.60	24.67	E	73.10	30.77	D	-	15.00 - 32.00
Carbon Disulfide	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Methyl tert-butyl Ether	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.80
Methylene Chloride	27.10	7.80	B	ND	ND		ND	ND		ND	ND		82.70	23.82	E	162.00	46.65	DB	60.00	2.00 - 3.00
Allyl Chloride	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
trans-1,2-Dichloroethene	31.70	9.00		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Vinyl Acetate	ND	ND		ND	ND		ND	ND		ND	ND		1.16	0.33		ND	ND		-	-
1,1-Dichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 0.40
Cyclohexane	ND	ND		ND	ND		ND	ND		ND	ND		1.38	0.40		ND	ND		-	-
2-Butanone	ND	ND		ND	ND		ND	ND		ND	ND		2.50	0.85		ND	ND		-	-
Carbon Tetrachloride	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.00
cis-1,2-Dichloroethylene	987.00	248.93		470.00	118.54	D	26.30	6.63		15.70	3.96	D	ND	ND		ND	ND		-	< 1.00
Chloroform	ND	ND		ND	ND		ND	ND		ND	ND		0.49	0.10	J	ND	ND		-	< 0.40
1,4-Dioxane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,1,1-Trichloroethane	198.00	36.29		103.00	18.88	D	38.30	7.02		23.50	4.31	D	1.52	0.28		ND	ND		-	< 0.60 - 1.70
Tetrahydrofuran	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
2,2,4-Trimethylpentane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Benzene	6.38	2.00	J	ND	ND		ND	ND		ND	ND		1.12	0.35		ND	ND		-	1.20 - 3.70
1,2-Dichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 0.60
Trichloroethylene	5,293.00	984.88	E	1,839.00	342.19	D	247.00	45.96		100.00	18.61	D	1.23	0.23		ND	ND		5.00	< 1.50
1,2-Dichloropropane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.40
Bromodichloromethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
4-Methyl-2-Pentanone	ND	ND		ND	ND		ND	ND		ND	ND		0.53	0.13	J	ND	ND		-	-
Toluene	42.90	11.39		23.20	6.16	D	10.50	2.79		ND	ND		12.30	3.27		12.60	3.34	D	-	5.90 - 16.00
trans-1,3-Dichloropropene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
cis-1,3-Dichloropropene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,1,2-Trichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 12.00
2-Hexanone	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-

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Sample Source	Soil Vapor Implant SG-3						Soil Vapor Implant SG-4						Soil Vapor Implant SG-5						NYSDOH Air Guideline Value (ug/m^3)	EPA BASE DATA Background Levels for Offices (Outdoors); 1994-1998 (ug/m^3)
Sample Identification	DUP						SG-4						SG-5							
Laboratory Identification	DUP			DUPDL			SG-4			SG-4DL			SG-5			SG-5DL				
Dilution Factor	20 : 1			44 : 1			8 : 1			18 : 1			1 : 1			8 : 1				
Concentration Units	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual	ug/m^3	ppbv	Qual		
Sample Parameters																				
Dibromochloromethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,2-Dibromoethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.2
Tetrachloroethylene	66,096.00	9,741.09	E	25,924.00	3,820.63	ED	3,799.00	559.89	E	1,573.00	231.83	D	41.90	6.18		58.10	8.56	D	100.00	< 1.40 - 3.20
Chlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 0.80
Ethyl Benzene	ND	ND		ND	ND		4.86	1.12		ND	ND		1.86	0.43		ND	ND		-	< 1.40 - 1.60
m/p-Xylene	18.20	4.19		ND	ND		17.30	3.98		ND	ND		9.45	2.18		7.98	1.84	D	-	< 3.60 - 7.30
o-Xylene	ND	ND		ND	ND		6.24	1.44		ND	ND		3.21	0.74		ND	ND		-	< 1.40 - 2.60
Styrene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.60
Bromoform	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,1,2,2-Tetrachloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,3,5-Trimethylbenzene	ND	ND		ND	ND		ND	ND		ND	ND		2.31	0.47		ND	ND		-	< 1.40
1,2,4-Trimethylbenzene	19.60	3.99		ND	ND		13.30	2.71		ND	ND		8.64	1.76		7.85	1.60	D	-	< 1.6 - 3.1
4-Ethyltoluene	ND	ND		ND	ND		ND	ND		ND	ND		4.12	0.84		ND	ND		-	-
1,3-Dichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 0.80
1,4-Dichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,2-Dichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	< 1.00
1,2,4-Trichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Hexachlorobutadiene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
1,3-Butadiene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-
Hexane	ND	ND		ND	ND		ND	ND		ND	ND		15.70	4.45		18.30	5.19	D	-	-
Benzyl Chloride	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		-	-

Notes: ND - The compound was not detected.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
E - Data indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analyses
D - Sample required dilution due to high concentration of target analyte