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## TRANSMITTAL MEMORANDUM

Delivered via U.S. Mail

### GFE LLC

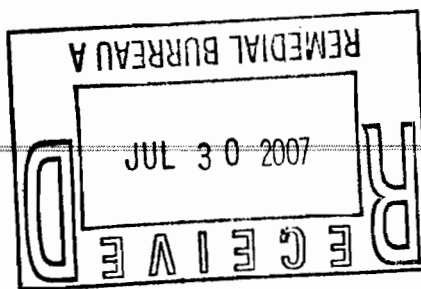
58 NOKOMIS AVENUE

LAKE HIAWATHA, NJ 07034

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E-MAIL: [frankg4@optonline.net](mailto:frankg4@optonline.net)



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**TO:** MARK BUFALINI  
**OF:** NYSDEC  
**FROM:** FRANK GALDUN - GFE  
**SUBJECT:** 1545 FIFTH INDUSTRIAL COURT  
BAY SHORE, NY  
NYSDEC SITE No. 1-52-129  
**DATE:** 7/7/07

---

GFE is submitting the attached soil vapor intrusion report for your review and files. This document is also being sent to my client (Finish Line Technologies, Inc.). Please feel free to call me with any questions you might have at (646) 542-3465.

**galdun frankel**

**environmental**

58 Nokomis Avenue  
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July 30, 2007

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**Remedial Bureau A**

**625 Broadway, 11<sup>th</sup> Floor**

**Albany, New York 1223-7015**

**Attn: Mr. Mark Bufalini**

**RE: CORRECTION AND CLARIFICATION  
SUB-SLAB SOIL VAPOR AND INDOOR AIR QUALITY INVESTIGATION REPORT  
1545 FIFTH INDUSTRIAL COURT  
BAY SHORE, NEW YORK  
NYSDEC SITE NO. 1-52-129**

**Dear Mr. Bufalini:**

GFE had previously submitted to you the Sub-Slab Soil Vapor and Indoor Air Quality Investigation Report for the 1545 Fifth Industrial Court property. It has come to my attention that there is an unintentional omission of a word in one of the sentences in the Executive Summary Section of the report. Below is the entire paragraph taken from the report. GFE has inserted the omitted word in upper case bold font to highlight affected sentence (page 3, paragraph 5):

The laboratory data shows that PCE was detected at a concentration above 1,000 ug/m<sup>3</sup> in both of the sub-slab soil vapor samples and one of two subsurface soil vapor samples collected from the exterior of the Site building. As part of the Final Guidance, NYSDOH has included a document titled, *Soil Vapor/Indoor Air Matrix for PCE* (the "PCE Matrix"). The PCE Matrix recommends that, if PCE concentrations in soil vapor exceed 1,000 ug/m<sup>3</sup> and if no PCE is detected in indoor air, "mitigation" should be conducted. The Final Guidance does not, however, indicate what mitigation would be appropriate. Given the industrial/warehouse nature of the Site and the fact that there is no evidence of indoor accumulation of PCE vapors, active mitigation does **NOT** appear to be warranted.

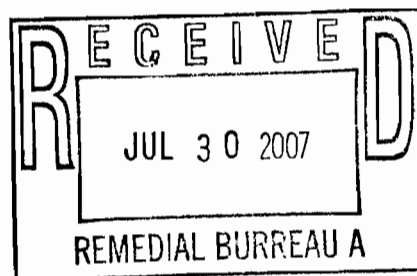
In addition, GFE is sending to you the electronic version of the entire report, which includes this correction. Do not hesitate to contact me at (646) 542-3465 if you have any questions regarding this letter.

Sincerely,  
GALDUN FRANKEL ENVIRONMENTAL

A handwritten signature in black ink, appearing to read "Frank" followed by a stylized surname.

Frank Galdun  
Project Manager

cc: Henry J. Krause - Finish Line Technologies, Inc.



**SUB-SLAB SOIL VAPOR AND INDOOR AIR QUALITY INVESTIGATION**

**1545 FIFTH INDUSTRIAL COURT  
BAY SHORE, NEW YORK**

**FOR**

**FINISH LINE TECHNOLOGIES, INC.**

**c/o TANNENBAUM HELPERN SYRACUSE & HIRSCHTRITT LLP  
900 THIRD AVENUE  
NEW YORK, NEW YORK 10022**

**PREPARED BY:**

**GALDUN FRANKEL ENVIRONMENTAL  
58 NOKOMIS AVENUE  
LAKE HIAWATHA, NEW JERSEY 07034  
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**JULY 23, 2007**

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## **SIGNATURE PAGE**

This report has been prepared for the exclusive use of Finish Line Technologies, Inc. c/o Tannenbaum Helpert Syracuse & Hirschtritt LLP (the "Client"). Galdun Frankel Environmental (GFE) acknowledges that the Client may rely on this report as a submittal to regulatory agencies. This study was performed in accordance with the instructions and recommendations set forth in the New York State Department of Health document titled, *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated October 2006 (the "Final Guidance").

### **GALDUN FRANKEL ENVIRONMENTAL**



---

Frank Galdun  
Project Manager

## EXECUTIVE SUMMARY

GFE was retained by the Client to conduct a Sub-Slab Soil Vapor and Indoor Air Quality investigation at 1545 Fifth Industrial Court, Bay Shore, New York (the "Site"). The Site contains one single-story 25,000 square-foot building on an approximately two acre parcel. At the time of the investigation, the building was used as a warehouse by Finish-Line Technologies, Inc. (it is GFE's understanding that the Site was recently sold and that the new owner is in the process of dividing the building interior into five separate warehouse units). The Site building is constructed of steel frame with masonry perimeter walls. No below-grade levels exist within the building and the foundation consists of poured-concrete slab on-grade. The Site historically has been used for industrial purposes; a prior owner/occupant ("Rite-Off, Inc.") historically used a substantial amount of hazardous materials in their mixing and packaging of various lubricants and degreasing agents. In 1983, a discharge of perchloroethylene ("PCE"), a volatile organic compound (VOC), occurred in the Rite-Off, Inc. operation. Reportedly, the discharge occurred at a holding tank inside the southwest side of the Site building. The spilled PCE flowed south along the floor slab through a loading dock bay door and into an exterior drywell located near the southwest corner of the Site building. By 2002, cleanup efforts by the former Site owner reduced contaminant concentrations in groundwater to levels that required no additional remediation or investigation.

The New York State Department of Environmental Conservation ("NYSDEC") and the New York State Department of Health ("NYSDOH") later developed a renewed interest in investigating the potential for soil vapor intrusion at previously closed sites. In October 2006, NYSDOH issued its final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (the "Final Guidance"). Thereafter, NYSDEC requested that an evaluation of potential soil vapor intrusion be conducted at the Site building to determine if elevated levels of VOCs are present.

A total of two sub-slab soil vapor samples were collected for laboratory analysis from beneath the Site building during this study. In addition, this study included collection and laboratory analysis of one indoor air sample, one outdoor air sample, and two subsurface soil vapor samples from the building exterior. All samples were collected using SUMMA canisters and were analyzed at a qualified laboratory under EPA Method TO-15.

The VOC with the highest reported concentration is PCE in the four sub-slab soil vapor and subsurface soil vapor samples (the subsurface soil vapor samples were collected from under paved parking surfaces at the exterior of the Site building). The detected PCE concentrations range from 897 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ), to 6,900  $\mu\text{g}/\text{m}^3$  in these four samples. The highest PCE concentration was detected in one of the two sub-slab soil vapor samples. No PCE was detected in the indoor air or outdoor air sample.

The laboratory data shows that PCE was detected at a concentration above 1,000  $\mu\text{g}/\text{m}^3$  in both of the sub-slab soil vapor samples and one of two subsurface soil vapor samples collected from the exterior of the Site building. As part of the Final Guidance, NYSDOH has included a document titled, *Soil Vapor/Indoor Air Matrix for PCE* (the "PCE Matrix"). The PCE Matrix recommends that, if PCE concentrations in soil vapor exceed 1,000  $\mu\text{g}/\text{m}^3$  and if no PCE is detected in indoor air, "mitigation" should be conducted. The Final Guidance does not, however, indicate what mitigation would be appropriate. Given the industrial/warehouse nature of the Site and the fact that there is no evidence of indoor accumulation of PCE vapors, active mitigation does appear to be warranted.

The historical remediation of PCE in soil and groundwater at the Site was successful in reducing contaminant concentrations to below or near applicable regulatory limits. Further, more recent subsurface soil and groundwater studies were completed at the Site during property transactions. GFE's review of these documents disclosed no evidence of a PCE source at the Site. Based on: (a)

usage of the Site and all surrounding properties for industrial, non-residential purposes; (b) the undetected PCE concentration in the indoor air sample; and (c) the lack of any current source of Site contamination (or any source since Rite Off moved out of the building in 1994) as reported by others; GFE has found no indications of adverse impact to indoor air quality that would warrant active remediation. GFE recommends that a supplemental soil vapor survey be conducted during the heating season to establish a trend of PCE concentrations and to further evaluate indoor air quality under winter conditions. This proposed study should also include collection and laboratory analysis of subsurface soil vapor samples from the exterior of the Site building, since PCE was detected at these locations during this initial study.

## 1.0 INTRODUCTION

The Site is located at the south side of Fifth Industrial Court in a suburban industrial park setting. The Site building is one-story in height with steel frame. The foundation consists of poured concrete slab on-grade with no basement levels. Perimeter walls are constructed of masonry. The roof is supported by steel beams with a flat corrugated metal deck. The Site building is approximately 25,000 square feet in size. The northeast section of the Site building contains office areas (approximately 3,000 square feet). An exterior parking area is located at the south side of the Site (the building is located at the north side of the Site). The Site is connected to the municipal drinking water supply and sewer systems.

Ingress and egress to public streets is to the north of the Site at a paved cul-de-sac connected to Fifth Industrial Court. Ingress and egress from the parking/loading area is to Fifth Industrial Court to the east (see site plan). Industrial buildings directly abut the Site to the west and south. The west-adjointing property contains a landscaping equipment sales and service operation. The south-adjointing property contains a furniture manufacturing operation.

Heating at the Site is powered by natural gas. Ceiling-mounted forced air units were present in the warehouse/production area of the building (it is GFE's understanding that these units have been removed and are being replaced by the new property building owner with new units in each of the five (5) individual warehouse units). Roof-mounted package units provide heating and cooling to the office areas. GFE observed no industrial activities within the Site building during the sampling period. Finish Line Technologies, Inc. was in the process of relocating their warehousing operations to an off-site facility and the warehouse area was empty of shelving, products and equipment. Future planned use of the Site is for warehousing purposes by a new owner, Distinctive Properties.

GFE has received and reviewed a document titled *Limited Subsurface Investigation Report, Finish Line Technologies, 1545 5<sup>th</sup> Industrial Court, Bay Shore, New York*, dated August 3, 2004 by Secor International, Inc. (the "2004 Report"). The 2004 Report included information pertaining to the history of the Site. The Prior Report indicated that the Site building was constructed in 1969 and has contained industrial operations including an electronics company, a lamp manufacturer, and an aerosol products manufacturer. According to the 2004 Report, Finish Line Technologies, Inc. began occupancy of the Site in 1994 and conducted distribution of bicycle lubricant, bicycle cleaning agents, and related products. Some blending and packaging of these products took place at the Site. The 2004 Report verified that the PCE discharge occurred in 1983, when a surface spill inside the southwest side of the building flowed across the floor surface and through a loading dock door to an exterior drywell. The discharge took place when an operation identified as "Rite-Off" occupied the Site. According to the 2004 Report, an air sparging/soil vapor extraction system operated at the Site for a number of years. NYSDEC issued a "no further action required" determination for the Site in 2002 after groundwater sample analysis results showed that PCE concentrations were below or near applicable regulatory limits.

GFE reviewed the site plan included within the 2004 Report, which showed the locations of six soil borings that were installed as part of the scope of work. One of these soil borings was installed at a hydraulic downgradient position relative to the drywell where PCE had accumulated during the 1983 spill incident. The 2004 Report also indicated that laboratory analysis detected no PCE in groundwater or soil samples collected from the six soil borings.

GFE was also provided with a document titled *Soil and Groundwater Investigation, 1545 5<sup>th</sup> Industrial Court, Bay Shore, NY*, dated June 11, 2007 by R&C Formation, Ltd. (the "2007 Report"). The 2007 Report indicates that three soil borings were drilled at the Site. According to the 2007 Report the

following areas were investigated: one boring was drilled at the northwest corner of the building interior within a boiler room to investigate a former boiler blowdown drain; a second boring was drilled at the south side of the building exterior to evaluate subsurface soil and groundwater quality at a former exterior drum storage area, and a third boring was installed at the southeast corner of the Site at a hydraulic downgradient position relative to the Site improvements. The 2007 Report stated that one soil sample and one groundwater sample was collected from each of the borings for VOC laboratory analysis. A summary of laboratory analysis was included in the 2007 Report, which showed that low concentrations of PCE were detected in two groundwater samples. According to the Prior Report, none of the PCE concentrations in the groundwater samples exceed 5 micrograms per liter. The 2007 Report also indicated that PCE was detected in one soil sample collected from the former exterior drum storage area at 2.9 micrograms per kilogram. GFE does not consider these PCE concentrations as excessive or as an indicator of more severe contamination at other locations within the Site.

## **2.0 SUB-SLAB SOIL VAPOR AND INDOOR AIR QUALITY INVESTIGATION - SCOPE OF WORK COMPLETED**

Mr. Frank Galdun of GFE conducted the Sub-Slab Soil Vapor and Indoor Air Quality Investigation on June 22, 2007. The scope of this study was designed to investigate the three following items:

- Determine if elevated VOC concentrations exist inside the warehouse/production area of the Site building where historical use of PCE took place and where the PCE spill had occurred.
- Establish VOC concentrations in subsurface soil vapor at the building exterior near the south and west borders of the Site (where buildings at adjoining properties are located)
- Establish VOC concentrations in outdoor air as background information and for quality control purposes.

GFE created a total of two penetrations in the floor slab, and at two locations within the paved parking areas at the south and west sides of the Site for sampling purposes. The penetrations were created by employing an electrically-powered hammer drill to approximately two inches below the floor slab. The penetrations into the paved parking lot at the south and west sides of the Site were extended to approximately four to five feet below surface. Please refer to Appendix A for a site plan that shows the locations of the penetrations. Once the penetrations were completed, GFE inserted dedicated tygon tubing and sealed the openings around the tubing with plumber's putty, which contains no hazardous materials. The air in the tubing was purged of one-to-three implant volumes at each sample location by employing a peristaltic pump before the tubing was inserted into the penetrations. SUMMA canisters with a volume of six liters each were used to collect the all sub-slab vapor, indoor air and outdoor air samples during this study. The SUMMA canisters were provided by York Analytical Laboratories, Inc. (NYSDOH ELAP/NELAP No. 10854). The interiors of the canisters were placed under a vacuum by the laboratory, and regulators were attached to the intakes to restrict airflow into the samplers to at or below 0.2 liters per minute. The vacuum inside the canisters acted as the force that withdrew the samples. All vacuum levels inside all of the canisters were recorded by GFE immediately before and after sampling (see Appendix C for field sampling logs). All canisters were opened for a period of two hours.

Tracer gas composed of helium was used to establish the integrity of the seals around tubing that was inserted into the penetrations. An approximately one-foot square 6-mil plastic sheet was placed over the penetrations. The edges of the plastic and were sealed and the helium injected under the plastic sheet. The probe of an oxygen level meter was then inserted into the end of the sample tube. None of the oxygen level measurements differed from normal atmospheric content (approximately 20%). GFE also followed a Quality Assurance Project Plan during all phases of the field activities (see Appendix D).

One indoor air sample and one outdoor air sample was also collected during this study. The exterior sample was used for quality control to establish background conditions. The indoor and outdoor air samples were also collected over a two hour period with the appropriate flow control valve settings for this time interval. The indoor air sample was collected at the former warehouse/production area of the Site building. The exterior sample was collected from the south side of the building near the furniture manufacturing structure at the south-adjoining property. All sub-slab soil vapor, subsurface soil, and indoor air and outdoor air samples were analyzed for VOCs under EPA Method TO-15. A total of six samples were submitted to the laboratory for analysis.

The scope of work for the foregoing activities was agreed to based on NYSDEC approval of the project Work Plan. GFE also completed a pre-sampling survey and completed a New York State Department of Health Indoor Air Quality Questionnaire. The pre-sampling survey identified two

conditions that could affect laboratory analysis results of the SUMMA canisters. GFE observed that gasoline-powered engines were active at the landscaping equipment supply building located adjacent to the west side of the Site. In addition, a paint booth fume hood was active at the furniture manufacturing building located at the south-adjoining property. This fume hood was active during the entire sampling period. In addition, the emissions point for the fume hood exited the wall of the north side of the adjoining building within approximately 50 feet of Soil Vapor 1 (one of two subsurface soil vapor samples) and within approximately 75 feet of Outdoor Air 1 (outdoor air sample collected by GFE). The completed Indoor Air Quality Questionnaire is attached as Appendix E.

### 3.0 AIR SAMPLE ANALYSIS RESULTS

Table 1 provides a summary of the laboratory analysis results for the two sub-slab soil vapor samples, the two subsurface soil vapor samples, the outdoor air sample, and the indoor air sample.

**TABLE 1: SOIL VAPOR AND AIR SAMPLE RESULTS (DETECTED COMPOUNDS ONLY)**

EPA TO15 VOCs	Subslab 1	Subslab 2	Indoor Air 1	Outdoor Air 1	Soil Vapor 1	Soil Vapor 2
Acetone	155	121	15.2	36.3	266	218
2-Butanone	ND	ND	ND	ND	81	ND
Chloroform	48.2	ND	ND	ND	ND	18.4
Ethylbenzene	ND	ND	ND	4.86	ND	ND
4-Ethyl-Toluene	54.9	ND	ND	ND	59.9	14
n-Hexane	ND	ND	9.66	ND	ND	ND
n-Heptane	ND	ND	14.1	ND	ND	ND
Perchloroethylene	<b>6,900</b>	<b>2,900</b>	ND	ND	<b>1,170</b>	<b>897</b>
Toluene	29.1	ND	9.58	35.3	84.3	10.4
Trichloroethylene	54.7	ND	ND	ND	98.4	ND
1,1,1-Trichloroethane	233	61	ND	ND	33.3	88.8
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	16
m/p-Xylene	ND	ND	ND	8.39	ND	ND
o-Xylene	ND	ND	ND	4.42	ND	ND

#### NOTES

**All results are expressed in micrograms per cubic meter of air (ug/m<sup>3</sup>)**

**ND - Parameter non-detected, below method detection limits**

**Results in bold exceed highest guidance values expressed in the PCE Matrix for soil vapor (1,000 ug/m<sup>3</sup>)**

The most significant data shown on Table is the detected presence of PCE. The highest concentrations were found in the sub-slab soil vapor samples collected from within the Site building. This data shows evidence of residual vapors from the PCE spill and possibly historical operations. No PCE was detected in the indoor air sample.

Acetone was detected in all of the samples. However, this substance is commonly used by environmental laboratories, and is consequently introduced into sample media during analysis. GFE does not believe that acetone represents actual sub-slab soil vapor quality, but rather it is a laboratory artifact.

Various petroleum-related VOCs were detected in Outdoor Air 1. 2-Butanone (also known as methyl ethyl ketone or MEK) was detected in Soil Vapor 1, which was collected near the fume hood exhaust at the south-adjointing property. These VOCs may be a direct result of the operation of the nearby fume hood at the south-adjointing property since all of these substances can be found as ingredients in lacquer-based paints.

The indoor air and outdoor air sample results show low concentrations of VOCs that are well below any applicable standard or guidance value pertaining to workplace exposure to airborne contaminants. GFE employed Table C2 of Appendix C in the Final Guidance to establish if the VOCs detected in these two samples fall within the range of concentrations that might typically be encountered in a commercial building in the United States. Specifically, Table C2 is a list of detected VOC concentrations that had been gathered by the USEPA *Building Assessment and Survey Evaluation (BASE) Database*. The indoor and outdoor air quality data used to generate BASE was gathered during the period of 1994 to 1996 at commercial and public buildings that were randomly selected throughout the United States. Table 2 compares the BASE results with those VOCs detected during GFE's investigation of the Site (BASE maximum, minimum, and mean VOC concentrations are provided in Table 2):

**TABLE 2: INDOOR AND OUTDOOR AIR SAMPLE RESULTS  
(DETECTED COMPOUNDS ONLY)**

EPA TO15- VOCs	Indoor Air 1	Outdoor Air 1	Range of Detected Concentrations under BASE*	
			Indoor Range (and mean)	Outdoor Range (and mean)
Acetone	15.2	36.3	11.6 to 243.7 (54)	ND to 104.2 (26.5)
Ethylbenzene	ND	4.86	ND to 73.6 (2.8)	ND to 7.8 (1.4)
n-Hexane	9.66	ND	ND to 130 (6.3)	ND to 15.3 (2.5)
n-Heptane	14.1	ND	ND to 34.9 (1.7)	ND to 26.8 (3.0)
Toluene	9.58	35.3	ND to 390.5 (25.1)	2.1 to 93.1 (15.4)
m/p Xylene	ND	8.39	ND to 260.8 (10.8)	ND to 26.8 (5.6)
o-Xylene	ND	4.42	ND to 90.5 (2.0)	ND to 11.1 (2.0)

#### **NOTES**

**All results are expressed in micrograms per cubic meter of air (ug/m<sup>3</sup>)**

**ND - Parameter non-detected, below method detection limits**

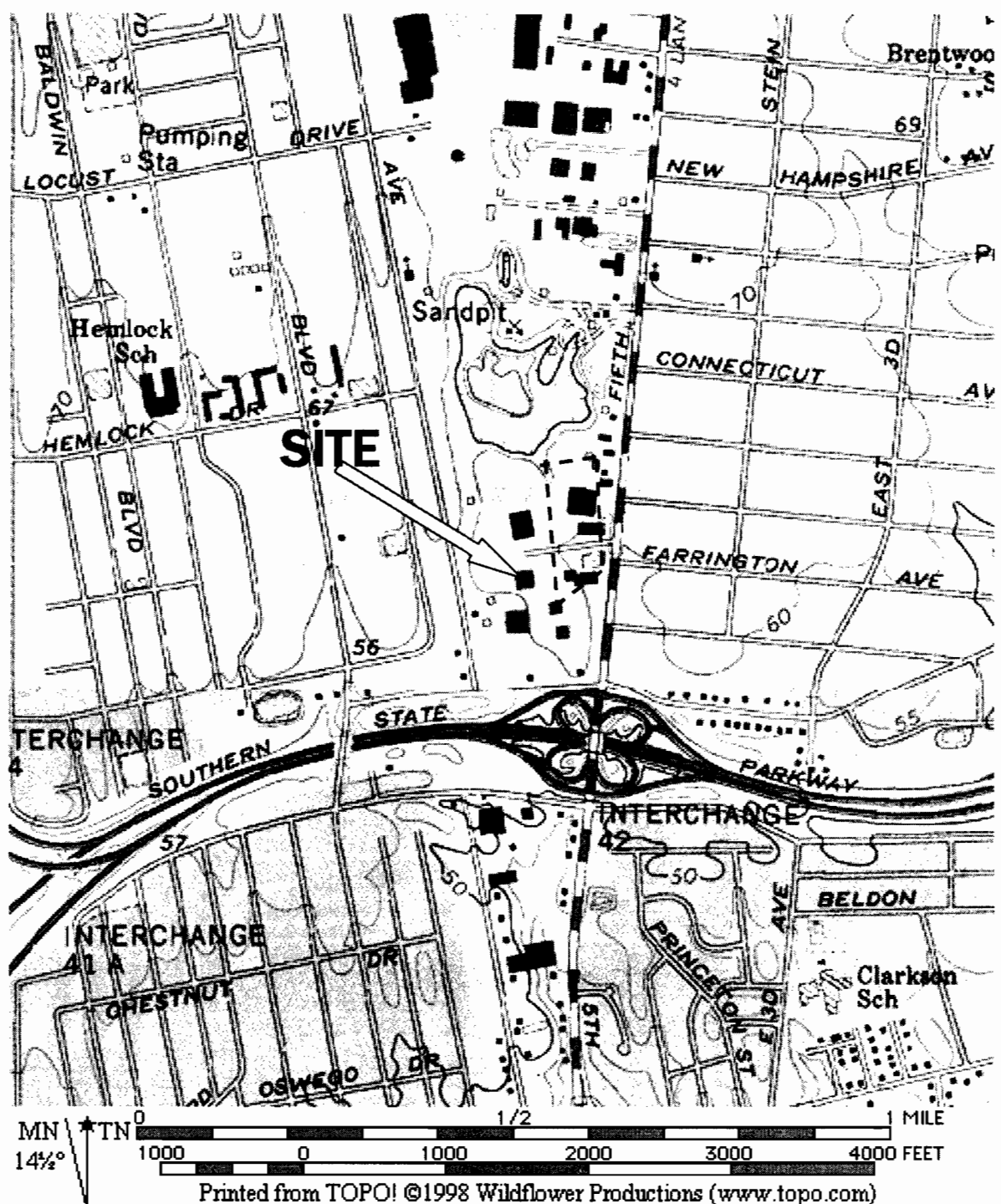
**\*Taken from Appendix of the Final Guidance, Table C2 USEPA 2001 Building Assessment and Survey Evaluation (BASE) Database. USEPA study period was 1994 through 1996 of 100 commercial and public buildings randomly selected throughout the United States**

As shown in Table 1 and in Table 2, Acetone was detected in both samples. Since all samples contained varying levels of Acetone, GFE believes that this substance was laboratory-induced. All remaining VOCs listed in Table 2 are petroleum-related VOCs that may be specific to gasoline. GFE did observe that a gasoline-powered wood chipping machine was being operated at the west-adjointing property during part of the sampling period. This device was located within approximately 25 feet of the west wall of the Site building. GFE concludes it is possible that the detected gasoline-related VOCs in the two samples listed on Table 2 may be at least partially a result of the operation of the wood chipper. After a review of the VOC results on Table in comparison with the concentrations of the detected substances with BASE, GFE does not believe that any of these results represent an area of concern warranting further evaluation.

#### **4.0 CONCLUSIONS AND RECOMMENDATIONS**

Based on the data collected by GFE during this study, PCE vapors are present under the exterior parking lot and beneath the building floor slab at elevated concentrations. These results may reflect a long history of solvent use at the Site and are likely residual in nature. Prior reports reviewed by GFE have shown no evidence of a source of PCE in subsurface soil or groundwater at the Site. No PCE or other chlorinated VOCs were detected in the indoor air sample collected by GFE during this study. Although elevated PCE concentrations were detected in the soil vapor samples, the Site and all surrounding properties are used for industrial and warehousing purposes. In addition, since no PCE was detected in indoor air, there is no evidence of adverse impact to indoor air quality at the Site. However, in light of these elevated PCE concentrations in soil vapor, GFE believes that supplemental indoor air and subsurface soil vapor sampling and laboratory analysis is warranted in order to monitor Site conditions. This supplemental sampling event should be conducted during the heating season.

**APPENDIX A  
SITE LOCATION MAP AND SITE PLAN**



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### Galdun Frankel Environmental

58 Nokomis Ave.  
Lake Hiawatha, NJ 07034  
Phone: 646.542.3465 Fax: 973.334.1692

USGS 7.5' Quad Greenlawn, NY

### FIGURE 1 - SITE LOCATION MAP

**Project:** Soil Vapor/Indoor Air Quality Investigation

**Site Address:** 1545 5<sup>th</sup> Industrial Court  
Bay Shore, NY



**APPENDIX B  
LABORATORY REPORT OF ANALYSIS**

# YORK

ANALYTICAL LABORATORIES, INC.

## Technical Report

prepared for:

**GFE LLC**  
**58 Nokomis Avenue**  
**Lake Hiawatha, NJ 07034**  
**Attention: Frank Galdun**

Report Date: 6/29/2007

***Re: Client Project ID: 1545 5th Industrial Court, Bay Shore, NY***  
**York Project No.: 07060877**

CT License No. PH-0723

New York License No. 10854



Report Date: 6/29/2007  
Client Project ID: 1545 5th Industrial Court, Bay Shore, NY  
York Project No.: 07060877

**GFE LLC**  
58 Nokomis Avenue  
Lake Hiawatha, NJ 07034  
Attention: Frank Galdun

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 06/25/07. The project was identified as your project "1545 5th Industrial Court, Bay Shore, NY".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

## Analysis Results

Client Sample ID			SUBSLAB 1		SUBSLAB 2	
York Sample ID			07060877-01		07060877-02	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---	---
1,1,1-Trichloroethane			42	7.1	11	3.4
1,1,2,2-tetrachloroethane			Not detected	7.1	Not detected	3.4
1,1,2-Trichloroethane			Not detected	7.1	Not detected	3.4
1,1-Dichloroethane			Not detected	7.1	Not detected	3.4
1,1-Dichloroethylene			Not detected	7.1	Not detected	3.4
1,2,4-Trichlorobenzene			Not detected	7.1	Not detected	3.4
1,2,4-Trimethylbenzene			Not detected	7.1	Not detected	3.4
1,2-Dibromoethane			Not detected	7.1	Not detected	3.4
1,2-Dichlorobenzene			Not detected	7.1	Not detected	3.4
1,2-Dichloroethane			Not detected	7.1	Not detected	3.4
1,2-Dichloropropane			Not detected	7.1	Not detected	3.4
1,2-Dichlorotetrafluoroethane			Not detected	7.1	Not detected	3.4
1,3,5-Trimethylbenzene			Not detected	7.1	Not detected	3.4
1,3-Butadiene			Not detected	7.1	Not detected	3.4
1,3-Dichlorobenzene			Not detected	7.1	Not detected	3.4
1,4-Dichlorobenzene			Not detected	7.1	Not detected	3.4

**YORK**

Client Sample ID			SUBSLAB 1		SUBSLAB 2	
York Sample ID			07060877-01		07060877-02	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
2,2,4-Trimethylpentane			Not detected	7.1	Not detected	3.4
4-Ethyltoluene			11	7.1	Not detected	3.4
Acetone			64	7.1	50	3.4
Allyl Chloride			Not detected	7.1	Not detected	3.4
Benzene			Not detected	7.1	Not detected	3.4
Bromodichloromethane			Not detected	7.1	Not detected	3.4
Bromoform			Not detected	7.1	Not detected	3.4
Bromomethane			Not detected	7.1	Not detected	3.4
Carbon Disulfide			Not detected	7.1	Not detected	3.4
Carbon Tetrachloride			Not detected	7.1	Not detected	3.4
Chlorobenzene			Not detected	7.1	Not detected	3.4
Chloroethane			Not detected	7.1	Not detected	3.4
Chloroform			9.7	7.1	Not detected	3.4
Chloromethane			Not detected	7.1	Not detected	3.4
cis-1,2-Dichloroethylene			Not detected	7.1	Not detected	3.4
cis-1,3-Dichloropropylene			Not detected	7.1	Not detected	3.4
Cyclohexane			Not detected	7.1	Not detected	3.4
Dibromochloromethane			Not detected	7.1	Not detected	3.4
Dichlorodifluoromethane			Not detected	7.1	Not detected	3.4
Ethyl acetate			Not detected	7.1	Not detected	3.4
Ethylbenzene			Not detected	7.1	Not detected	3.4
Freon-113			Not detected	7.1	Not detected	3.4
Hexachloro-1,3-Butadiene			Not detected	7.1	Not detected	3.4
Isopropanol			Not detected	7.1	Not detected	3.4
Methyl Ethyl ketone			Not detected	7.1	Not detected	3.4
Methyl Isobutyl ketone			Not detected	7.1	Not detected	3.4
Methylene Chloride			Not detected	7.1	Not detected	3.4
MTBE			Not detected	7.1	Not detected	3.4
n-Heptane			Not detected	7.1	Not detected	3.4
n-Hexane			Not detected	7.1	Not detected	3.4
o-Xylene			Not detected	7.1	Not detected	3.4
p- & m-Xylenes			Not detected	7.1	Not detected	3.4
Propylene			Not detected	7.1	Not detected	3.4
Styrene			Not detected	7.1	Not detected	3.4
Tetrachloroethylene			1000	7.1	420	3.4
Tetrahydrofuran			Not detected	7.1	Not detected	3.4
Toluene			7.6	7.1	Not detected	3.4
trans-1,2-Dichloroethylene			Not detected	7.1	Not detected	3.4
trans-1,3-Dichloropropylene			Not detected	7.1	Not detected	3.4
Trichloroethylene			10	7.1	Not detected	3.4
Trichlorofluoromethane			Not detected	7.1	Not detected	3.4
Vinyl acetate			Not detected	7.1	Not detected	3.4
Vinyl Bromide			Not detected	7.1	Not detected	3.4
Vinyl Chloride			Not detected	7.1	Not detected	3.4
<b>Volatiles, TO-15 List</b>	<b>EPA TO15</b>	<b>ug/cu.m.</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
1,1,1-Trichloroethane			233	29.3	61.0	14.1
1,1,2,2-tetrachloroethane			Not detected	37.1	Not detected	17.8
1,1,2-Trichloroethane			Not detected	29.3	Not detected	14.1
1,1-Dichloroethane			Not detected	29.0	Not detected	13.9
1,1-Dichloroethylene			Not detected	28.6	Not detected	13.7
1,2,4-Trichlorobenzene			Not detected	36.4	Not detected	17.5

**YORK**

Client Sample ID			SUBSLAB 1		SUBSLAB 2	
York Sample ID			07060877-01		07060877-02	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,4-Trimethylbenzene			Not detected	26.5	Not detected	12.7
1,2-Dibromoethane			Not detected	41.4	Not detected	19.9
1,2-Dichlorobenzene			Not detected	32.5	Not detected	15.6
1,2-Dichloroethane			Not detected	21.9	Not detected	10.5
1,2-Dichloropropane			Not detected	25.1	Not detected	12.0
1,2-Dichlorotetrafluoroethane			Not detected	35.4	Not detected	17.0
1,3,5-Trimethylbenzene			Not detected	26.5	Not detected	12.7
1,3-Butadiene			Not detected	12.0	Not detected	5.77
1,3-Dichlorobenzene			Not detected	32.5	Not detected	15.6
1,4-Dichlorobenzene			Not detected	32.5	Not detected	15.6
2,2,4-Trimethylpentane			Not detected	25.1	Not detected	12.0
4-Ethyltoluene			54.9	26.5	Not detected	12.7
Acetone			155	12.7	121	6.11
Allyl Chloride			Not detected	17.0	Not detected	8.15
Benzene			Not detected	17.3	Not detected	8.32
Bromodichloromethane			Not detected	36.1	Not detected	17.3
Bromoform			Not detected	55.9	Not detected	26.8
Bromomethane			Not detected	27.9	Not detected	13.4
Carbon Disulfide			Not detected	17.0	Not detected	8.15
Carbon Tetrachloride			Not detected	33.9	Not detected	16.3
Chlorobenzene			Not detected	24.8	Not detected	11.9
Chloroethane			Not detected	19.1	Not detected	9.16
Chloroform			48.2	26.2	Not detected	12.6
Chloromethane			Not detected	14.9	Not detected	7.13
cis-1,2-Dichloroethylene			Not detected	28.6	Not detected	13.7
cis-1,3-Dichloropropylene			Not detected	24.4	Not detected	11.7
Cyclohexane			Not detected	18.7	Not detected	8.99
Dibromochloromethane			Not detected	46.0	Not detected	22.1
Dichlorodifluoromethane			Not detected	35.7	Not detected	17.1
Ethyl acetate			Not detected	19.8	Not detected	9.50
Ethylbenzene			Not detected	23.3	Not detected	11.2
Freon-113			Not detected	55.2	Not detected	26.5
Hexachloro-1,3-Butadiene			Not detected	40.3	Not detected	19.3
Isopropanol			Not detected	13.1	Not detected	6.28
Methyl Ethyl ketone			Not detected	15.9	Not detected	7.64
Methyl Isobutyl ketone			Not detected	22.3	Not detected	10.7
Methylene Chloride			Not detected	25.1	Not detected	12.0
MTBE			Not detected	19.4	Not detected	9.33
n-Heptane			Not detected	21.9	Not detected	10.5
n-Hexane			Not detected	19.1	Not detected	9.16
o-Xylene			Not detected	23.3	Not detected	11.2
p- & m-Xylenes			Not detected	23.3	Not detected	11.2
Propylene			Not detected	9.19	Not detected	4.41
Styrene			Not detected	23.0	Not detected	11.0
Tetrachloroethylene			6900	36.4	2900	17.5
Tetrahydrofuran			Not detected	15.9	Not detected	7.64
Toluene			29.1	20.2	Not detected	9.67
trans-1,2-Dichloroethylene			Not detected	21.2	Not detected	10.2
trans-1,3-Dichloropropylene			Not detected	24.4	Not detected	11.7
Trichloroethylene			54.7	29.0	Not detected	13.9
Trichlorofluoromethane			Not detected	40.3	Not detected	19.3

**YORK**

Client Sample ID			SUBSLAB 1		SUBSLAB 2	
York Sample ID			07060877-01		07060877-02	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Vinyl acetate			Not detected	19.1	Not detected	9.16
Vinyl Bromide			Not detected	23.7	Not detected	11.4
Vinyl Chloride			Not detected	18.4	Not detected	8.82

Client Sample ID			INDOOR AIR 1		OUTDOOR AIR 1	
York Sample ID			07060877-03		07060877-04	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---	---
1,1,1-Trichloroethane			Not detected	0.34	Not detected	0.35
1,1,2,2-tetrachloroethane			Not detected	0.34	Not detected	0.35
1,1,2-Trichloroethane			Not detected	0.34	Not detected	0.35
1,1-Dichloroethane			Not detected	0.34	Not detected	0.35
1,1-Dichloroethylene			Not detected	0.34	Not detected	0.35
1,2,4-Trichlorobenzene			Not detected	0.34	Not detected	0.35
1,2,4-Trimethylbenzene			Not detected	0.34	Not detected	0.35
1,2-Dibromoethane			Not detected	0.34	Not detected	0.35
1,2-Dichlorobenzene			Not detected	0.34	Not detected	0.35
1,2-Dichloroethane			Not detected	0.34	Not detected	0.35
1,2-Dichloropropane			Not detected	0.34	Not detected	0.35
1,2-Dichlorotetrafluoroethane			Not detected	0.34	Not detected	0.35
1,3,5-Trimethylbenzene			Not detected	0.34	Not detected	0.35
1,3-Butadiene			Not detected	0.34	Not detected	0.35
1,3-Dichlorobenzene			Not detected	0.34	Not detected	0.35
1,4-Dichlorobenzene			Not detected	0.34	Not detected	0.35
2,2,4-Trimethylpentane			Not detected	0.34	Not detected	0.35
4-Ethyltoluene			Not detected	0.34	Not detected	0.35
Acetone			6.3	0.34	15	0.35
Allyl Chloride			Not detected	0.34	Not detected	0.35
Benzene			Not detected	0.34	Not detected	0.35
Bromodichloromethane			Not detected	0.34	Not detected	0.35
Bromoform			Not detected	0.34	Not detected	0.35
Bromomethane			Not detected	0.34	Not detected	0.35
Carbon Disulfide			Not detected	0.34	Not detected	0.35
Carbon Tetrachloride			Not detected	0.34	Not detected	0.35
Chlorobenzene			Not detected	0.34	Not detected	0.35
Chloroethane			Not detected	0.34	Not detected	0.35
Chloroform			Not detected	0.34	Not detected	0.35
Chloromethane			Not detected	0.34	Not detected	0.35
cis-1,2-Dichloroethylene			Not detected	0.34	Not detected	0.35
cis-1,3-Dichloropropylene			Not detected	0.34	Not detected	0.35
Cyclohexane			Not detected	0.34	Not detected	0.35
Dibromochloromethane			Not detected	0.34	Not detected	0.35
Dichlorodifluoromethane			Not detected	0.34	Not detected	0.35
Ethyl acetate			Not detected	0.34	Not detected	0.35
Ethylbenzene			Not detected	0.34	1.1	0.35
Freon-113			Not detected	0.34	Not detected	0.35
Hexachloro-1,3-Butadiene			Not detected	0.34	Not detected	0.35
Isopropanol			Not detected	0.34	Not detected	0.35

**YORK**

Client Sample ID			INDOOR AIR 1		OUTDOOR AIR 1	
York Sample ID			07060877-03		07060877-04	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Methyl Ethyl ketone			Not detected	0.34	Not detected	0.35
Methyl Isobutyl ketone			Not detected	0.34	Not detected	0.35
Methylene Chloride			Not detected	0.34	Not detected	0.35
MTBE			Not detected	0.34	Not detected	0.35
n-Heptane			3.4	0.34	Not detected	0.35
n-Hexane			2.7	0.34	Not detected	0.35
o-Xylene			Not detected	0.34	1.0	0.35
p- & m-Xylenes			Not detected	0.34	1.9	0.35
Propylene			Not detected	0.34	Not detected	0.35
Styrene			Not detected	0.34	Not detected	0.35
Tetrachloroethylene			Not detected	0.34	Not detected	0.35
Tetrahydrofuran			Not detected	0.34	Not detected	0.35
Toluene			2.5	0.34	9.2	0.35
trans-1,2-Dichloroethylene			Not detected	0.34	Not detected	0.35
trans-1,3-Dichloropropylene			Not detected	0.34	Not detected	0.35
Trichloroethylene			Not detected	0.34	Not detected	0.35
Trichlorofluoromethane			Not detected	0.34	Not detected	0.35
Vinyl acetate			Not detected	0.34	Not detected	0.35
Vinyl Bromide			Not detected	0.34	Not detected	0.35
Vinyl Chloride			Not detected	0.34	Not detected	0.35
<b>Volatiles, TO-15 List</b>	EPA TO15	ug/cu.m.	---	---	---	---
1,1,1-Trichloroethane			Not detected	1.43	Not detected	1.44
1,1,2,2-tetrachloroethane			Not detected	1.81	Not detected	1.82
1,1,2-Trichloroethane			Not detected	1.43	Not detected	1.44
1,1-Dichloroethane			Not detected	1.41	Not detected	1.42
1,1-Dichloroethylene			Not detected	1.39	Not detected	1.40
1,2,4-Trichlorobenzene			Not detected	1.77	Not detected	1.78
1,2,4-Trimethylbenzene			Not detected	1.29	Not detected	1.30
1,2-Dibromoethane			Not detected	2.01	Not detected	2.02
1,2-Dichlorobenzene			Not detected	1.58	Not detected	1.59
1,2-Dichloroethane			Not detected	1.07	Not detected	1.07
1,2-Dichloropropane			Not detected	1.22	Not detected	1.23
1,2-Dichlorotetrafluoroethane			Not detected	1.72	Not detected	1.73
1,3,5-Trimethylbenzene			Not detected	1.29	Not detected	1.30
1,3-Butadiene			Not detected	0.585	Not detected	0.588
1,3-Dichlorobenzene			Not detected	1.58	Not detected	1.59
1,4-Dichlorobenzene			Not detected	1.58	Not detected	1.59
2,2,4-Trimethylpentane			Not detected	1.22	Not detected	1.23
4-Ethyltoluene			Not detected	1.29	Not detected	1.30
Acetone			15.2	0.619	36.3	0.623
Allyl Chloride			Not detected	0.826	Not detected	0.830
Benzene			Not detected	0.843	Not detected	0.848
Bromodichloromethane			Not detected	1.75	Not detected	1.76
Bromoform			Not detected	2.72	Not detected	2.73
Bromomethane			Not detected	1.36	Not detected	1.37
Carbon Disulfide			Not detected	0.826	Not detected	0.830
Carbon Tetrachloride			Not detected	1.65	Not detected	1.66
Chlorobenzene			Not detected	1.20	Not detected	1.21
Chloroethane			Not detected	0.929	Not detected	0.934
Chloroform			Not detected	1.27	Not detected	1.28
Chloromethane			Not detected	0.722	Not detected	0.727

**YORK**

Client Sample ID			INDOOR AIR 1		OUTDOOR AIR 1	
York Sample ID			07060877-03		07060877-04	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
cis-1,2-Dichloroethylene			Not detected	1.39	Not detected	1.40
cis-1,3-Dichloropropylene			Not detected	1.19	Not detected	1.19
Cyclohexane			Not detected	0.912	Not detected	0.917
Dibromochloromethane			Not detected	2.24	Not detected	2.25
Dichlorodifluoromethane			Not detected	1.74	Not detected	1.75
Ethyl acetate			Not detected	0.963	Not detected	0.969
Ethylbenzene			Not detected	1.14	4.86	1.14
Freon-113			Not detected	2.68	Not detected	2.70
Hexachloro-1,3-Butadiene			Not detected	1.96	Not detected	1.97
Isopropanol			Not detected	0.636	Not detected	0.640
Methyl Ethyl ketone			Not detected	0.774	Not detected	0.779
Methyl Isobutyl ketone			Not detected	1.08	Not detected	1.09
Methylene Chloride			Not detected	1.22	Not detected	1.23
MTBE			Not detected	0.946	Not detected	0.951
n-Heptane			14.1	1.07	Not detected	1.07
n-Hexane			9.66	0.929	Not detected	0.934
o-Xylene			Not detected	1.14	4.42	1.14
p- & m-Xylenes			Not detected	1.14	8.39	1.14
Propylene			Not detected	0.447	Not detected	0.450
Styrene			Not detected	1.12	Not detected	1.12
Tetrachloroethylene			Not detected	1.77	Not detected	1.78
Tetrahydrofuran			Not detected	0.774	Not detected	0.779
Toluene			9.58	0.980	35.3	0.986
trans-1,2-Dichloroethylene			Not detected	1.03	Not detected	1.04
trans-1,3-Dichloropropylene			Not detected	1.19	Not detected	1.19
Trichloroethylene			Not detected	1.41	Not detected	1.42
Trichlorofluoromethane			Not detected	1.96	Not detected	1.97
Vinyl acetate			Not detected	0.929	Not detected	0.934
Vinyl Bromide			Not detected	1.15	Not detected	1.16
Vinyl Chloride			Not detected	0.894	Not detected	0.900

Client Sample ID			SOIL GAS 1		SOIL GAS 2	
York Sample ID			07060877-05		07060877-06	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---	---
1,1,1-Trichloroethane			6.0	3.7	16	1.7
1,1,2,2-tetrachloroethane			Not detected	3.7	Not detected	1.7
1,1,2-Trichloroethane			Not detected	3.7	Not detected	1.7
1,1-Dichloroethane			Not detected	3.7	Not detected	1.7
1,1-Dichloroethylene			Not detected	3.7	Not detected	1.7
1,2,4-Trichlorobenzene			Not detected	3.7	Not detected	1.7
1,2,4-Trimethylbenzene			Not detected	3.7	3.2	1.7
1,2-Dibromoethane			Not detected	3.7	Not detected	1.7
1,2-Dichlorobenzene			Not detected	3.7	Not detected	1.7
1,2-Dichloroethane			Not detected	3.7	Not detected	1.7
1,2-Dichloropropane			Not detected	3.7	Not detected	1.7
1,2-Dichlorotetrafluoroethane			Not detected	3.7	Not detected	1.7
1,3,5-Trimethylbenzene			Not detected	3.7	Not detected	1.7

**YORK**

Client Sample ID			SOIL GAS 1		SOIL GAS 2	
York Sample ID			07060877-05		07060877-06	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
1,3-Butadiene			Not detected	3.7	Not detected	1.7
1,3-Dichlorobenzene			Not detected	3.7	Not detected	1.7
1,4-Dichlorobenzene			Not detected	3.7	Not detected	1.7
2,2,4-Trimethylpentane			Not detected	3.7	Not detected	1.7
4-Ethyltoluene			12	3.7	2.8	1.7
Acetone			110	3.7	90	1.7
Allyl Chloride			Not detected	3.7	Not detected	1.7
Benzene			Not detected	3.7	Not detected	1.7
Bromodichloromethane			Not detected	3.7	Not detected	1.7
Bromoform			Not detected	3.7	Not detected	1.7
Bromomethane			Not detected	3.7	Not detected	1.7
Carbon Disulfide			Not detected	3.7	Not detected	1.7
Carbon Tetrachloride			Not detected	3.7	Not detected	1.7
Chlorobenzene			Not detected	3.7	Not detected	1.7
Chloroethane			Not detected	3.7	Not detected	1.7
Chloroform			Not detected	3.7	3.7	1.7
Chloromethane			Not detected	3.7	Not detected	1.7
cis-1,2-Dichloroethylene			Not detected	3.7	Not detected	1.7
cis-1,3-Dichloropropylene			Not detected	3.7	Not detected	1.7
Cyclohexane			Not detected	3.7	Not detected	1.7
Dibromochloromethane			Not detected	3.7	Not detected	1.7
Dichlorodifluoromethane			Not detected	3.7	Not detected	1.7
Ethyl acetate			Not detected	3.7	Not detected	1.7
Ethylbenzene			Not detected	3.7	Not detected	1.7
Freon-113			Not detected	3.7	Not detected	1.7
Hexachloro-1,3-Butadiene			Not detected	3.7	Not detected	1.7
Isopropanol			Not detected	3.7	Not detected	1.7
Methyl Ethyl ketone			27	3.7	Not detected	1.7
Methyl Isobutyl ketone			Not detected	3.7	Not detected	1.7
Methylene Chloride			Not detected	3.7	Not detected	1.7
MTBE			Not detected	3.7	Not detected	1.7
n-Heptane			Not detected	3.7	Not detected	1.7
n-Hexane			Not detected	3.7	Not detected	1.7
o-Xylene			Not detected	3.7	Not detected	1.7
p- & m-Xylenes			Not detected	3.7	Not detected	1.7
Propylene			Not detected	3.7	Not detected	1.7
Styrene			Not detected	3.7	Not detected	1.7
Tetrachloroethylene			170	3.7	130	1.7
Tetrahydrofuran			Not detected	3.7	Not detected	1.7
Toluene			22	3.7	Not detected	1.7
trans-1,2-Dichloroethylene			Not detected	3.7	Not detected	1.7
trans-1,3-Dichloropropylene			Not detected	3.7	Not detected	1.7
Trichloroethylene			18	3.7	2.7	1.7
Trichlorofluoromethane			Not detected	3.7	Not detected	1.7
Vinyl acetate			Not detected	3.7	Not detected	1.7
Vinyl Bromide			Not detected	3.7	Not detected	1.7
Vinyl Chloride			Not detected	3.7	Not detected	1.7
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---	---	---
1,1,1-Trichloroethane			33.3	15.2	88.8	7.09
1,1,2,2-tetrachloroethane			Not detected	19.2	Not detected	8.97
1,1,2-Trichloroethane			Not detected	15.2	Not detected	7.09

**YORK**

Client Sample ID			SOIL GAS 1		SOIL GAS 2	
York Sample ID			07060877-05		07060877-06	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
1,1-Dichloroethane			Not detected	15.0	Not detected	7.00
1,1-Dichloroethylene			Not detected	14.8	Not detected	6.92
1,2,4-Trichlorobenzene			Not detected	18.8	Not detected	8.80
1,2,4-Trimethylbenzene			Not detected	13.7	16.0	6.40
1,2-Dibromoethane			Not detected	21.4	Not detected	9.99
1,2-Dichlorobenzene			Not detected	16.8	Not detected	7.86
1,2-Dichloroethane			Not detected	11.3	Not detected	5.29
1,2-Dichloropropane			Not detected	13.0	Not detected	6.06
1,2-Dichlorotetrafluoroethane			Not detected	18.3	Not detected	8.54
1,3,5-Trimethylbenzene			Not detected	13.7	Not detected	6.40
1,3-Butadiene			Not detected	6.21	Not detected	2.90
1,3-Dichlorobenzene			Not detected	16.8	Not detected	7.86
1,4-Dichlorobenzene			Not detected	16.8	Not detected	7.86
2,2,4-Trimethylpentane			Not detected	13.0	Not detected	6.06
4-Ethyltoluene			59.9	13.7	14.0	6.40
Acetone			266	6.57	218	3.07
Allyl Chloride			Not detected	8.76	Not detected	4.10
Benzene			Not detected	8.95	Not detected	4.18
Bromodichloromethane			Not detected	18.6	Not detected	8.71
Bromoform			Not detected	28.9	Not detected	13.5
Bromomethane			Not detected	14.4	Not detected	6.75
Carbon Disulfide			Not detected	8.76	Not detected	4.10
Carbon Tetrachloride			Not detected	17.5	Not detected	8.20
Chlorobenzene			Not detected	12.8	Not detected	5.98
Chloroethane			Not detected	9.86	Not detected	4.61
Chloroform			Not detected	13.5	18.4	6.32
Chloromethane			Not detected	7.67	Not detected	3.59
cis-1,2-Dichloroethylene			Not detected	14.8	Not detected	6.92
cis-1,3-Dichloropropylene			Not detected	12.6	Not detected	5.89
Cyclohexane			Not detected	9.68	Not detected	4.53
Dibromochloromethane			Not detected	23.7	Not detected	11.1
Dichlorodifluoromethane			Not detected	18.4	Not detected	8.63
Ethyl acetate			Not detected	10.2	Not detected	4.78
Ethylbenzene			Not detected	12.1	Not detected	5.64
Freon-113			Not detected	28.5	Not detected	13.3
Hexachloro-1,3-Butadiene			Not detected	20.8	Not detected	9.74
Isopropanol			Not detected	6.76	Not detected	3.16
Methyl Ethyl ketone			81.0	8.22	Not detected	3.84
Methyl Isobutyl ketone			Not detected	11.5	Not detected	5.38
Methylene Chloride			Not detected	13.0	Not detected	6.06
MTBE			Not detected	10.0	Not detected	4.70
n-Heptane			Not detected	11.3	Not detected	5.29
n-Hexane			Not detected	9.86	Not detected	4.61
o-Xylene			Not detected	12.1	Not detected	5.64
p- & m-Xylenes			Not detected	12.1	Not detected	5.64
Propylene			Not detected	4.75	Not detected	2.22
Styrene			Not detected	11.9	Not detected	5.55
Tetrachloroethylene			1170	18.8	897	8.80
Tetrahydrofuran			Not detected	8.22	Not detected	3.84
Toluene			84.3	10.4	10.4	4.87
trans-1,2-Dichloroethylene			Not detected	11.0	Not detected	5.12

**YORK**

Client Sample ID			SOIL GAS 1		SOIL GAS 2	
York Sample ID			07060877-05		07060877-06	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
trans-1,3-Dichloropropylene			Not detected	12.6	Not detected	5.89
Trichloroethylene			98.4	15.0	Not detected	7.00
Trichlorofluoromethane			Not detected	20.8	Not detected	9.74
Vinyl acetate			Not detected	9.86	Not detected	4.61
Vinyl Bromide			Not detected	12.2	Not detected	5.72
Vinyl Chloride			Not detected	9.50	Not detected	4.44

**Units Key:**

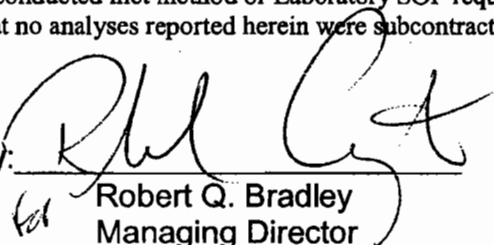
For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

**Notes for York Project No. 07060877**

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By:

  
Robert Q. Bradley  
Managing Director

Date: 6/29/2007

**YORK**



**APPENDIX C  
FIELD SAMPLE LOGS**

# Soil Vapor and Indoor/Outdoor Air Sample Log

1. Date 6/22/07
2. Property Address 1545 FIFTH INDUSTRIAL CT., BAY SHORE, NY
3. Property type INDUSTRIAL
4. Investigator FRANK GALDUN. GFE
5. Company and company address 58 NORMAN AVE, LK. HONOLULU, HI 96813
6. Company Telephone 646.542.3465
7. Laboratory YORK ANALYTICAL
8. Laboratory ELAP No. 10854
9. Sample Identification SOIL VAPOR 1
10. Sample collection method SUMMA
11. Sample volume 6 LITER
12. Purge Volume (if applicable) 1 LITER - PERISTALTIC PUMP
13. Sample Depth (if applicable) 5 FT.
14. Initial Vacuum 29
15. Final Vacuum 0
16. Volume of Soil Vapor Extracted 6 LITER
17. Apparent Moisture Content of Soil DRY
18. Sample start time 9:27 AM
19. Sample end time 10:27 AM
20. Sample location SOUTH SIDE OF PROPERTY IN PARKING LOT
21. Sample Type (circle one) sub-slab soil gas Indoor Air Outdoor Air
22. Approximate air temperature at sample location 70°
23. Wind direction (if applicable) NE NW 10 MPH
24. Describe indoor air flow direction (if applicable) N/A
25. Describe active or passive venting (if applicable) N/A
26. Describe any odors detected NONE
27. PID reading and description of possible source of detected VOCs 0.2 FUME HOOD EXHAUST OPERATING NEARBY AT SOUTH-ADJOINING PROPERTY.
28. Type and quantity of chemicals stored at sampling location NONE

# Soil Vapor and Indoor/Outdoor Air Sample Log

1. Date 6/22/07
  2. Property Address 1545 FIFTH INDUSTRIAL CT, BAYSHORE, NY
  3. Property type INDUSTRIAL
  4. Investigator FRANK GALDUN - GFE
  5. Company and company address 58 NOKOMIS AVE, LK. HIAWATHA, NJ 07034
  6. Company Telephone 646.542.3465
  7. Laboratory YORK ANALYTICAL
  8. Laboratory ELAP No. 10854
  9. Sample Identification SOIL VAPOR 2
  10. Sample collection method SUMMA
- 
11. Sample volume 6 LITER
  12. Purge Volume (if applicable) 28 1 LITER PERISTALTIC PUMP
  13. Sample Depth (if applicable) 5 FT
  14. Initial Vacuum 28
  15. Final Vacuum 0
  16. Volume of Soil Vapor Extracted 6 LITERS
  17. Apparent Moisture Content of Soil DRY
  18. Sample start time 9:55 AM
  19. Sample end time 11:55 AM
  20. Sample location WEST SIDE OF PROPERTY OUTSIDE BUILDING
  21. Sample Type (circle one) sub-slab soil gas Indoor Air Outdoor Air
  22. Approximate air temperature at sample location 70°
  23. Wind direction (if applicable) W 10 MPH
  24. Describe indoor air flow direction (if applicable) N/A
  25. Describe active or passive venting (if applicable) N/A
- 
26. Describe any odors detected NONE
  27. PID reading and description of possible source of detected VOCs 0.0 BUT CONCENTRATED NEAR OPERATING GAS POWERED WOOD CHIPPER AT WEST-ADJOINING PROPERTY
  28. Type and quantity of chemicals stored at sampling location NONE

# Soil Vapor and Indoor/Outdoor Air Sample Log

1. Date 6/22/07
  2. Property Address 1545 FIFTH INDUSTRIAL CT., BAY SHORE, NY
  3. Property type INDUSTRIAL
  4. Investigator FRANK GALDUN
  5. Company and company address GFE, 58 NIKOMIS AVE, LK. HIAWATHA, NJ 07034
  6. Company Telephone 646.542.3465
  7. Laboratory YORK ANALYTICAL
  8. Laboratory ELAP No. 10854
  9. Sample Identification SUBSLAB 1
  10. Sample collection method SUMMA
- 
11. Sample volume 6 LITER
  12. Purge Volume (if applicable) 1 LITER - PERISTALTIC PUMP
  13. Sample Depth (if applicable) 2 INCHES BELOW SLAB
  14. Initial Vacuum 29
  15. Final Vacuum 0
  16. Volume of Soil Vapor Extracted 6 L
  17. Apparent Moisture Content of Soil DRY
  18. Sample start time 8:57 AM
  19. Sample end time 10:57 AM
  20. Sample location INSIDE WAREHOUSE
  21. Sample Type (circle one) sub-slab soil gas Indoor Air Outdoor Air
  22. Approximate air temperature at sample location 70°
  23. Wind direction (if applicable) N/A
  24. Describe indoor air flow direction (if applicable) NONE APPARENT
  25. Describe active or passive venting (if applicable) NONE
- 
26. Describe any odors detected NONE
  27. PID reading and description of possible source of detected VOCs 0.1 PPB - BACKGROUND  
POSSIBLE IMPACT BY NAT GAS - POWERED WOOD CHIPPER AT WEST-ADJOINING PROPERTY.
  28. Type and quantity of chemicals stored at sampling location  
NONE

# Soil Vapor and Indoor/Outdoor Air Sample Log

1. Date 6/22/07
  2. Property Address 1545 FIFTH INDUSTRIAL CT., BAY SHORE, NY
  3. Property type INDUSTRIAL
  4. Investigator FRANK GARDIN - GFE
  5. Company and company address 58 NOKOMIS AVE, LK. HIAWATHA, NJ 07034
  6. Company Telephone 646.542.3465
  7. Laboratory YORK ANALYTICAL
  8. Laboratory ELAP No. 10854
  9. Sample Identification SUBSLAB 2
  10. Sample collection method SUMMA
- 
11. Sample volume 6 LITER
  12. Purge Volume (if applicable) 1 LITER - PERISTALTIC PUMP
  13. Sample Depth (if applicable) 2 INCHES BELOW SLAB
  14. Initial Vacuum 27
  15. Final Vacuum 0
  16. Volume of Soil Vapor Extracted 6 LITER
  17. Apparent Moisture Content of Soil dry
  18. Sample start time 9:10 AM
  19. Sample end time 10:10 AM
  20. Sample location WAREHOUSE
  21. Sample Type (circle one) sub-slab soil gas Indoor Air Outdoor Air
  22. Approximate air temperature at sample location 70°
  23. Wind direction (if applicable) N/A
  24. Describe indoor air flow direction (if applicable) NONE APPARENT
  25. Describe active or passive venting (if applicable) NONE ACTIVE
- 
26. Describe any odors detected NONE
  27. PID reading and description of possible source of detected VOCs 0.2 BACKGROUND  
POSSIBLY SOME IMPACT BY OILATION OR GAS-POWERED WOOD CHIPPER AT WEST -  
ADJOINING PROPERTY.
  28. Type and quantity of chemicals stored at sampling location NONE

# Soil Vapor and Indoor/Outdoor Air Sample Log

1. Date 6/22/07
  2. Property Address 1545 FIFTH INDUSTRIAL CT., BAY SHORE, NY
  3. Property type INDUSTRIAL
  4. Investigator FRANK GALDUN - GFE
  5. Company and company address 58 NOKOMIS AVE, LK. HEALWATHA, NJ 07034
  6. Company Telephone 646.542.3465
  7. Laboratory YORK ANALYTICAL
  8. Laboratory ELAP No. 10854
  9. Sample Identification INDOOR AIR 1
  10. Sample collection method SUMMA
- 
11. Sample volume 6 LITRE
  12. Purge Volume (if applicable) N/A
  13. Sample Depth (if applicable) N/A
  14. Initial Vacuum 25
  15. Final Vacuum 0
  16. Volume of Soil Vapor Extracted 6 LITRE
  17. Apparent Moisture Content of Soil N/A
  18. Sample start time 9:16 AM
  19. Sample end time 10:16 AM
  20. Sample location WAREHOUSE
  21. Sample Type (circle one)      sub-slab soil gas      Indoor Air      Outdoor Air
  22. Approximate air temperature at sample location 70°
  23. Wind direction (if applicable) N/A
  24. Describe indoor air flow direction (if applicable) NONE APPARENT
  25. Describe active or passive venting (if applicable) NONE APPARENT
- 
26. Describe any odors detected NONE
  27. PID reading and description of possible source of detected VOCs 0.1 BACKGROUND
- 
28. Type and quantity of chemicals stored at sampling location  
NONE

# Soil Vapor and Indoor/Outdoor Air Sample Log

1. Date 6/22/07
  2. Property Address 1545 FIFTH INDUSTRIAL CT., BAY SHORE, NY
  3. Property type INDUSTRIAL
  4. Investigator FRANK GALDUN - GFE
  5. Company and company address 58 NOKOMIS AVE, LAKE HAWATHA NJ 07034
  6. Company Telephone 646.542.3465
  7. Laboratory YORK ANALYTICAL
  8. Laboratory ELAP No. 10854
  9. Sample Identification OUTDOOR AIR 1
  10. Sample collection method SUMMA
- 
11. Sample volume 6 LITER
  12. Purge Volume (if applicable) N/A
  13. Sample Depth (if applicable) N/A
  14. Initial Vacuum 27
  15. Final Vacuum 0
  16. Volume of Soil Vapor Extracted 6 L
  17. Apparent Moisture Content of Soil N/A
  18. Sample start time 9:20AM
  19. Sample end time 11:21AM
  20. Sample location SOUTH PARKING LOT
  21. Sample Type (circle one)      sub-slab soil gas      Indoor Air      Outdoor Air
  22. Approximate air temperature at sample location 70°
  23. Wind direction (if applicable) NW - 10 MPH
  24. Describe indoor air flow direction (if applicable) N/A
  25. Describe active or passive venting (if applicable) N/A
- 
26. Describe any odors detected DETECTED AND ORIGINATING FROM PAINT BOOTH AT SOUTH ADSONING PROPERTY
  27. PID reading and description of possible source of detected VOCs PAINT BOOTH EXHAUST AT SOUTH ADSONING BUILDING
  28. Type and quantity of chemicals stored at sampling location  
NONE

**APPENDIX D  
QUALITY ASSURANCE PROJECT PLAN**

**QUALITY ASSURANCE PROJECT PLAN**  
**SUB-SLAB SOIL VAPOR SURVEY**  
**1545 FIFTH INDUSTRIAL COURT**  
**BAY SHORE, NEW YORK**

**Data Validation**

The outdoor air sample collected during this project will be used as a control sample for comparison with all other sample analysis results obtained during this study. In addition, data deliverables shall consist of NYSDEC ASP Category B data delivery package. All samples will be analyzed under EPA Method TO-15: VOCs.

**Field Controls**

1. All samples will be cooled and submitted to the laboratory at the end of each work shift.
2. All appropriate chain of custody documents shall be completed before sample shipment.
3. No marker pens or other writing devices that may contain volatile organic compounds shall be used during the sampling event
4. No freshly dry cleaned clothing, personal fragrances or other items that may emit VOCs shall be worn by the sampling technician
5. All sample tubing will be dedicated to each sample location and discarded after use.
6. Sample tubing will be purged before sample collection commences.
7. The field sampling technician shall not conduct any activity that may include the use of VOCs (vehicle fueling, use of solvents of any kind) on the day of the sampling event.
8. Complete a sample log to note any site conditions that may affect laboratory analysis results
9. A site survey shall be completed to identify any unusual building conditions that may affect laboratory analysis. The survey shall include the use of a portable photoionization detector to identify any potential VOC source areas inside or outside the building. If any open containers of household cleaners or any other substance is observed, seal containers and allow time for dissipation before sampling commences.
10. Instruct the site occupant to eliminate any unusual activity that may be planned within 24 hours of the sampling event. Such activities include pesticide application, use of roofing materials, using air fresheners, or activating gasoline-powered engines.

## **Personnel**

Mr. Frank Galdun of GFE shall be performing the soil vapor intrusion investigation at the property. Mr. Galdun has conducted indoor air, outdoor air, and sub-slab soil vapor studies over the past six years specifically by employing SUMMA canisters. Some of these projects were conducted as ordered by regulatory agencies in Nassau County. These studies were conducted under direct observation of county health department representatives.

**APPENDIX E  
INDOOR AIR QUALITY QUESTIONNAIRE**

**NEW YORK STATE DEPARTMENT OF HEALTH  
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY  
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name FRANK GALDUN Date/Time Prepared 6/22/07  
Preparer's Affiliation GFE Phone No. 646.542.3465

Purpose of Investigation ESTABLISH SUB-SLAB VOC CONCENTRATIONS &  
OBTAIN INDOOR AIR QUALITY DATA SPECIFIC  
TO VOCs.

**1. OCCUPANT:**

Interviewed: (Y) N

Last Name: KRANKS First Name: HANK (OWNER & OCCUPANT)

Address: 1545 5TH INDUSTRIAL CT., BAYSHORE, NY

County: SUFFOLK

Home Phone: \_\_\_\_\_ Office Phone: 631.666.7300

Number of Occupants/persons at this location 5 Age of Occupants ~30 TO ~65

**2. OWNER OR LANDLORD:** (Check if same as occupant ✓)

Interviewed: (Y) N

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Address: \_\_\_\_\_

County: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Office Phone: \_\_\_\_\_

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

Residential  
Industrial

School  
Church

Commercial/Multi-use  
Other: \_\_\_\_\_

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? \_\_\_\_\_

If the property is commercial, type?

Business Type(s) INDUSTRIAL & WAREHOUSE - BECKLE LUBRICATING & CLEANING PRODUCT

Does it include residences (i.e., multi-use)? Y/N (N) If yes, how many? \_\_\_\_\_

Other characteristics:

Number of floors 1

Building age ~40 YRS

Is the building insulated? Y/N (N)

How air tight? Tight / Average / Not Tight

#### 4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

N/A SINGLE FLR.

Airflow near source

NO KNOWN SOURCE

Outdoor air infiltration

LOADING BAY DOOR AT WEST SIDE OF BUILDING  
OPENED INTERMITTENTLY

Infiltration into air ducts

NO AIR DUCTS - OPEN WAREHOUSE WITH CEILING -  
MOUNTED NATURAL GAS-FIRED BLOWERS FOR HEAT

## 5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: STEEL FRAME WITH MASONRY PERIMETER WALLS  
 wood frame concrete stone brick
- b. Basement type: full crawlspace slab other NO BASEMENT - SLAB ON GRADE
- c. Basement floor: concrete dirt stone other NO BSMNT
- d. Basement floor: uncovered covered covered with NO BSMNT
- e. Concrete floor: unsealed sealed sealed with \_\_\_\_\_
- f. Foundation walls: poured block stone other NO FOUNDATION WALLS
- g. Foundation walls: unsealed sealed sealed with NO FOUNDATION WALLS
- h. The basement is: wet damp dry moldy NO BSMNT
- i. The basement is: finished unfinished partially finished NO BSMNT
- j. Sump present? Y N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: \_\_\_\_\_ (feet) GROUND FLOOR ONLY

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

SOME EXPANSION JOINTS IN CONCRETE FLOOR SLAB, WHICH IS 4" THICK.

## 6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- |                            |                  |                     |
|----------------------------|------------------|---------------------|
| <u>Hot air circulation</u> | Heat pump        | Hot water baseboard |
| Space Heaters              | Stream radiation | Radiant floor       |
| Electric baseboard         | Wood stove       | Outdoor wood boiler |
|                            |                  | Other _____         |

The primary type of fuel used is:

- |                    |          |          |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric           | Propane  | Solar    |
| Wood               | Coal     |          |

Domestic hot water tank fueled by: NATURAL GAS

- Boiler/furnace located in: Basement Outdoors Main Floor Other CEILING MOUNTED BLOWERS
- Air conditioning: Central Air Window units Open Windows None NONE IN WAREHOUSE

Are there air distribution ducts present?

Y ☒ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

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## 7. OCCUPANCY

NO BASEMENT

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement	N/A
1 <sup>st</sup> Floor	WAREHOUSE & OFFICES
2 <sup>nd</sup> Floor	N/A
3 <sup>rd</sup> Floor	N/A
4 <sup>th</sup> Floor	N/A

## 8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage?

Y ☒ N

b. Does the garage have a separate heating unit?

Y / N ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car)

Y / N / ☒ NA

Please specify \_\_\_\_\_

d. Has the building ever had a fire?

Y ☒ N When? \_\_\_\_\_

e. Is a kerosene or unvented gas space heater present?

Y ☒ N Where? \_\_\_\_\_

f. Is there a workshop or hobby/craft area?

Y ☒ N Where & Type? \_\_\_\_\_

g. Is there smoking in the building?

Y ☒ N How frequently? \_\_\_\_\_

h. Have cleaning products been used recently?

Y ☒ N When & Type? \_\_\_\_\_

i. Have cosmetic products been used recently?

Y ☒ N When & Type? \_\_\_\_\_

- j. Has painting/staining been done in the last 6 months? Y / ☒ N Where & When? \_\_\_\_\_
- k. Is there new carpet, drapes or other textiles? Y / ☒ N Where & When? \_\_\_\_\_
- l. Have air fresheners been used recently? ☒ Y / ☒ N When & Type? BURNERS
- m. Is there a kitchen exhaust fan? Y / ☒ N If yes, where vented? \_\_\_\_\_
- n. Is there a bathroom exhaust fan? Y / ☒ N If yes, where vented? \_\_\_\_\_
- o. Is there a clothes dryer? Y / ☒ N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y / ☒ N When & Type? \_\_\_\_\_
- WAREHOUSE/INDUSTRIAL - MANY OF THE ABOVE QUESTIONS ARE NOT APPLICABLE
- Are there odors in the building? Y / ☒ N
- If yes, please describe: \_\_\_\_\_

Do any of the building occupants use solvents at work? Y / N  
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? \_\_\_\_\_

If yes, are their clothes washed at work? Y / ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

- Yes, use dry-cleaning regularly (weekly)  
Yes, use dry-cleaning infrequently (monthly or less)  
Yes, work at a dry-cleaning service

~~No~~  
Unknown

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: \_\_\_\_\_  
Is the system active or passive? Active/Passive

## 9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: \_\_\_\_\_

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: \_\_\_\_\_

## 10. RELOCATION INFORMATION (for oil spill residential emergency)

- a. Provide reasons why relocation is recommended: N/A
- b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel
- c. Responsibility for costs associated with reimbursement explained? Y / N
- d. Relocation package provided and explained to residents? Y / N

**11. FLOOR PLANS**

**Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.**

**Basement:**

N/A

**First Floor:**

SEE SITE PLAN IN REPORT

## 12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

SEE SITE PLAN  
IN REPORT

### 13. PRODUCT INVENTORY FORM

**Make & Model of field instrument used:**

MINERAE PIB PUD

**List specific products found in the residence that have the potential to affect indoor air quality.**

[illegible]

\* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

**\*\* Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**