TRC

February 6, 2007

Joseph A. Yavonditte, P.E.
Chief, Remedial Section B
Remedial Bureau A
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7015

Re: Work Plan Addendum Report
Golden Horseshoe Shopping Center
NYSDEC Voluntary Cleanup Program
Site Number V – 00309-3
Index No. D3-0001-00-05

Dear Mr. Yavonditte:

The purpose of this report is to present the results of the additional round of sub-slab vapor and indoor air sampling performed at the Golden Horseshoe Shopping Center in Scarsdale, New York (the "Site"). The sampling was performed in accordance with the NYSDEC approved Work Plan Letter Addendum, dated November 2006. Figure 1 shows the location of the Site.

Background

The Golden Horseshoe Shopping Center is a single story shopping mall in Scarsdale, New York. The current structure was built in four separate stages. The first (west end) section was built in 1957; the three remaining sections were built in 1963, 1984, and 1989, respectively. A former dry cleaner (Sabrina's Cleaners) had occupied a space in the 1984 addition from 1984 to 1997. A prior investigation identified levels of chlorinated solvents in the soil and groundwater above state criteria. Remediation of soil and groundwater was performed in accordance with a Remedial Action Work Plan (RAWP) for the Site, dated December 2, 2002. Soil and groundwater remediation has been conditionally approved by the NYSDEC's letter dated September 25, 2006.

Currently, the United States Postal Service (USPS) occupies the former Sabrina's dry cleaner space

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(the "Post Office") as well as the adjacent section that was built in 1963. Other occupants of the Site near the Post Office include a nail salon and a different dry cleaner. Their relative location to the Post Office are shown on Figure 2.

On March 9, 2006, sub-slab vapor, indoor air and outdoor ambient air samples were collected in accordance with the approved Remedial Action Work Plan Addendum, dated February 2006 (the "RAWP Addendum"). Tetrachlorethene (PCE), 1,1,1-trichloroethane (TCA), and trichloroethene (TCE) were detected in sub-slab vapor, indoor air and outdoor air samples at levels above laboratory reporting limits, and therefore represent the contaminants of concern to the State.

Scope

The purpose of the Work Plan Letter Addendum was to delineate the extent of volatile organic compounds (VOCs) of concern detected in the sub-slab vapor and indoor air in the Post Office. In accordance with the Work Plan Letter Addendum, on January 9, 2007 three sub-slab vapor, three indoor air and one outdoor ambient air samples were collected to address the delineation requirements. The locations of the samples are presented on Figure 3.

Prior to sampling, TRC inventoried chemicals at the Gristedes (the location of samples SS-4 and IA-4) west of the Post Office, Eye Q Optometrist (the location of samples SS-5 and IA-5) located east of Post Office, and the Bank of America (the location of samples SS-6 and IA-6) located further east of Post Office. The inventory was conducted in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York dated October 2006 (the " NYSDOH Guidance Document"). The chemical inventories questionnaires are presented in Appendix A. Chemicals of concern were not being used at the sampling locations at the time of the January 9, 2007 field activities.

Evaluation Criteria

Solely for purposes of discussion in this report, the sub-slab vapor, indoor air, and background

sampling results were compared to the criteria in the NYSDOH Guidance Document.[1]

Results

No TCE or 1,1,1-Trichloroethene was detected in the sub-slab vapor and indoor air samples. The laboratory analytical results show that PCE was detected in one of the three sub-slab vapor samples and in two of the indoor air samples. Detectable concentrations of other VOCs in the sub-slab vapor and indoor air samples are presented in Tables 1 and 2, respectively.

In addition to the sub-slab vapor and indoor air samples, an ambient outdoor air sample (sample AA-1)) was collected in the parking lot to the southeast of the on-site structure, and corresponded to a location that was upwind on the day of sampling. Only acetone was detected above laboratory reporting limits in the ambient air sample.

Although the NYSDOH has not established specific criteria for each constituent detected, the NYSDOH Guidance Document does contain Soil Vapor/Indoor Air Matrices for carbon tetrachloride, PCE, TCA, and TCE. According to the matrix which applies to PCE, the concentrations of PCE detected in the sub-slab vapor and indoor air at all of the locations sampled require no further action under the NYSDOH Guidance Document with the exception of the basement of the Gristedes space, where PCE was detected in indoor air sample IA-4 at 9.9 ug/m^3,and PCE was not detected in the sub-slab vapor sample SS-4. According to the NYSDOH Guidance Document matrices the required response for this detected level of PCE at this location is to "take reasonable and practical actions to identify source(s) and reduce exposure". The basement of the Gristedes space is utilized for the storage of grocery items, involving no occupancy by the general public and only intermittent use by employees.

[1] Scarsdale Shopping Center Associates does not agree that any further action is required or that this guidance is necessarily applicable to this matter.

Conclusions

Based on the results of the additional round of sampling, significant conclusions are as follows:

- The extent of PCE and TCE in sub-slab vapor has been delineated at the Site. As indicated by the recent and previous rounds of testing, levels of PCE and TCE in the sub-slab vapor above the NYSDOH Guidance Document criteria are limited to the existing Post Office. Although no testing occurred outside the Post Office in other parts of the 1984 addition, we have assumed, solely for the purpose of addressing the NYSDOH Guidance Document requirements and this report that tenant spaces comprising this section of the building (*i.e.*, Chinese Restaurant, Hair Salon, and Dry Cleaners) have similar levels of these compounds in the sub-slab vapor.

- According to the NYSDOH Guidance Document, the concentrations of PCE and TCE detected in the indoor air and sub-slab vapor in the Eye Q Optometrist and Bank of America spaces require no further action.

- According to the NYSDOH Guidance Document, the concentrations of PCE detected in the indoor air and sub-slab vapor in the basement of the Gristedes space require action to "identify source(s) and reduce exposure". Since no PCE was detected in the subslab vapor sample in the Gristedes space, the presence of PCE in the indoor air sample may indicate horizontal migration of PCE in the subslab vapor beneath the adjacent Post Office space, which occupies a higher elevation than the basement of Gristedes, or an ambient outdoor air source, as indicated by the previous round of sampling. In addition, the basement of the Gristedes space is utilized solely for the storage of grocery items, involving no occupancy by the general public and only intermittent use by employees.

- Based on the current sampling results, according to the NYSDOH Guidance Document, no further action is required at the Golden Horseshoe Shopping Center with the exception of within the limits of the 1963 and 1984 additions. Refer to Figure 2.

- Since levels of PCE above the NYSDOH Guidance Document criteria in the sub-slab vapor are limited to the 1963 and 1984 additions, TRC recommends design, installation, and operation of a sub-slab depressurization system (SSDS) in only these sections of the building in order to address NYSDEC and NYSDOH requirements. The SSDS will create a negative pressure below the floor slab relative to the indoor air, minimizing the potential for soil vapor intrusion.

TRC's recommendation is contingent upon NYSDEC's concurrence that further testing is unnecessary and that design, installation, and operation of a SSDS for the Post Office space and adjoining space of the 1984 addition that is acceptable to the State and Scarsdale Shopping Center Associates represent the only remedial action required under the NYSDOH Guidance Document and the existing VCP for the Site. Upon receiving NYSDEC's concurrence with this letter and agreement to issue an acceptable NFA letter , and client approval, TRC will submit a conceptual design drawing showing the proposed layout and key components of the SSDS.

Please do not hesitate to contact me at (212) 221-7822 if you have any questions.

Very truly yours,
TRC ENGINEERS, INC.

William V. Silveri
Senior Project Manager

Attachments

Table 1	Results of Sub-Slab Vapor Samples
Table 2	Results of Indoor and Ambient Air Samples
Figure 1	Project Site Location
Figure 2	Sample Locations
Figure 3	Summary of Results of Sub-Slab Vapor and Indoor Air Sampling
Appendix A	Indoor Air Quality Questionnaire and Building Inventory

cc: D. Glass
David Roth

TABLE 1
GOLDEN HORSESHOE SHOPPING CENTER
RESULTS OF SUB-SLAB VAPOR SAMPLES
SCARSDALE, NEW YORK
January 9, 2007

Sample Designation	SS-4	SS-5	SS-6
Sample Location	Gristedes	Eye Q Optometrist	Bank of America
Date Collected	01/09/07	01/09/07	01/09/07
Dilution	1.75	1.75	1.79
Compound	ug/m^3	ug/m^3	ug/m^3
1,1,2,2-Tetrachloroethane	6.0U	6.0U	6.1U
1,1,1-Trichloroethane (TCA)	4.8U	4.8U	4.9U
1,1,2-Trichloroethane	4.8U	4.8U	4.9U
1,2,4-Trichlorobenzene	26U	26U	26U
1,1,2-Trichlorotrifluoroethane Freon (113)	6.7U	6.7U	6.8U
1,2,4-Trimethylbenzene	15	4.3U	28
1,3,5-Trimethylbenzene	4.3U	4.3U	9.5
2,2,4-Trimethylpentane	4.1U	4.1U	4.2U
Acetone	16	8.3U	8.5U
3-Chloropropene (allyl acetate)	11U	11U	11U
Benzene	7.8	2.8U	4.8
Benzyl Chloride (alpha-Chlorotoluene)	4.5U	4.5U	4.6U
Bromoform	9.0U	9.0U	9.2U
Bromodichloromethane	5.9U	2.35U	6.0U
Bromomethane	3.4U	3.4U	3.5U
2-Butanone	5.8	2.6U	2.6U
1,3-Butadiene	2.7	1.9U	2.0U
Carbon disulfide	15	2.7U	2.8U
Carbon Tetrachloride	5.5U	5.5U	5.6U
Chlorobenzene	4.0U	4.0U	4.1U
Chloroform	27	4.3U	12
Chloromethane	7.2U	7.2U	7.4U
Chloroethane	2.3U	2.3U	2.4U
Cyclohexane	3.0U	3.0U	3.1U
Dibromochloromethane	7.4U	7.4U	7.6U
1,2- Dibromoethane	6.7U	6.7U	6.9U
1,2-Dichlorobenzene	5.3U	5.3U	5.4U
1,3-Dichlorobenzene	9.3	5.3U	17
1,4-Dichlorobenzene	5.3U	5.3U	5.4U
1,1-Dichloroetbane	3.5U	3.5U	3.6U
1,2-Dichloroethane	3.5U	3.5U	3.6U
1,1-Dichloroethene	3.5U	3.5U	3.5U
cis-1,2-Dichloroethene	3.5U	3.5U	3.5U

TABLE 1
GOLDEN HORSESHOE SHOPPING CENTER
RESULTS OF SUB-SLAB VAPOR SAMPLES
SCARSDALE, NEW YORK
January 9, 2007

Sample Designation	SS-4	SS-5	SS-6
Sample Location	Gristedes	Eye Q Optometrist	Bank of America
Date Collected	01/09/07	01/09/07	01/09/07
Dilution	1.75	1.75	1.79
Compound	ug/m^3	ug/m^3	ug/m^3
trans-1,2-Dichloroethene	3.5U	3.5U	3.5U
1,2-Dichloropropane	4.0U	4.0U	4.1U
Cis-1,3-Dichloropropene	4.0U	1.09U	4.1U
Trans-1,3-Dichloropropene	4.0U	4.0U	4.1U
1,4-Dioxane	13U	13U	13U
Dichloro-difluoro-methane (Freon 12)	4.3U	4.3U	4.4U
Dichlorotertafluoroethane (Freon 114)	6.1U	6.1U	6.2U
Ethylbenzene	14	3.8U	22
4-Ethyltoluene	15	4.3U	28
Heptane	7.5	3.6U	3.7U
Hexane	8.3	3.1U	6.2
2-Hexanone	14U	14U	15U
Hexachloro -1,3-butadiene	37U	37U	38U
Isopropyl Alcohol (2-Propanol)	8.6U	9.1	8.8U
m, p-Xylene	63	3.8U	89
Methylene chloride	7.7	3.0U	90
Methyl tert-butyl ether	3.2U	3.2U	3.2U
4-Methyl-2-pentanone	3.6U	3.6U	3.7U
o-Xylene	13	3.8U	20
Styrene	3.7U	3.7U	3.8U
Tetrachloroethene (PCE)	5.9U	5.9U	13
Tetrahydrofuran	2.6U	2.6U	2.6U
Toluene	61	4.0	75
Trichloroethene (TCE)	4.7U	4.7U	4.8U
Trichlorofluoromethane (Freon 11)	9.5	9.6	5.0U
Vinyl Chloride	2.2U	2.2U	2.3U

Notes:
ug/m^3= micrograms per cubic meter
U=Not detected above laboratory reporting limit

TABLE 2
GOLDEN HORSESHOE SHOPPING CENTER
RESULTS OF INDOOR AND AMBIENT AIR SAMPLES
SCARSDALE, NEW YORK
January 9, 2007

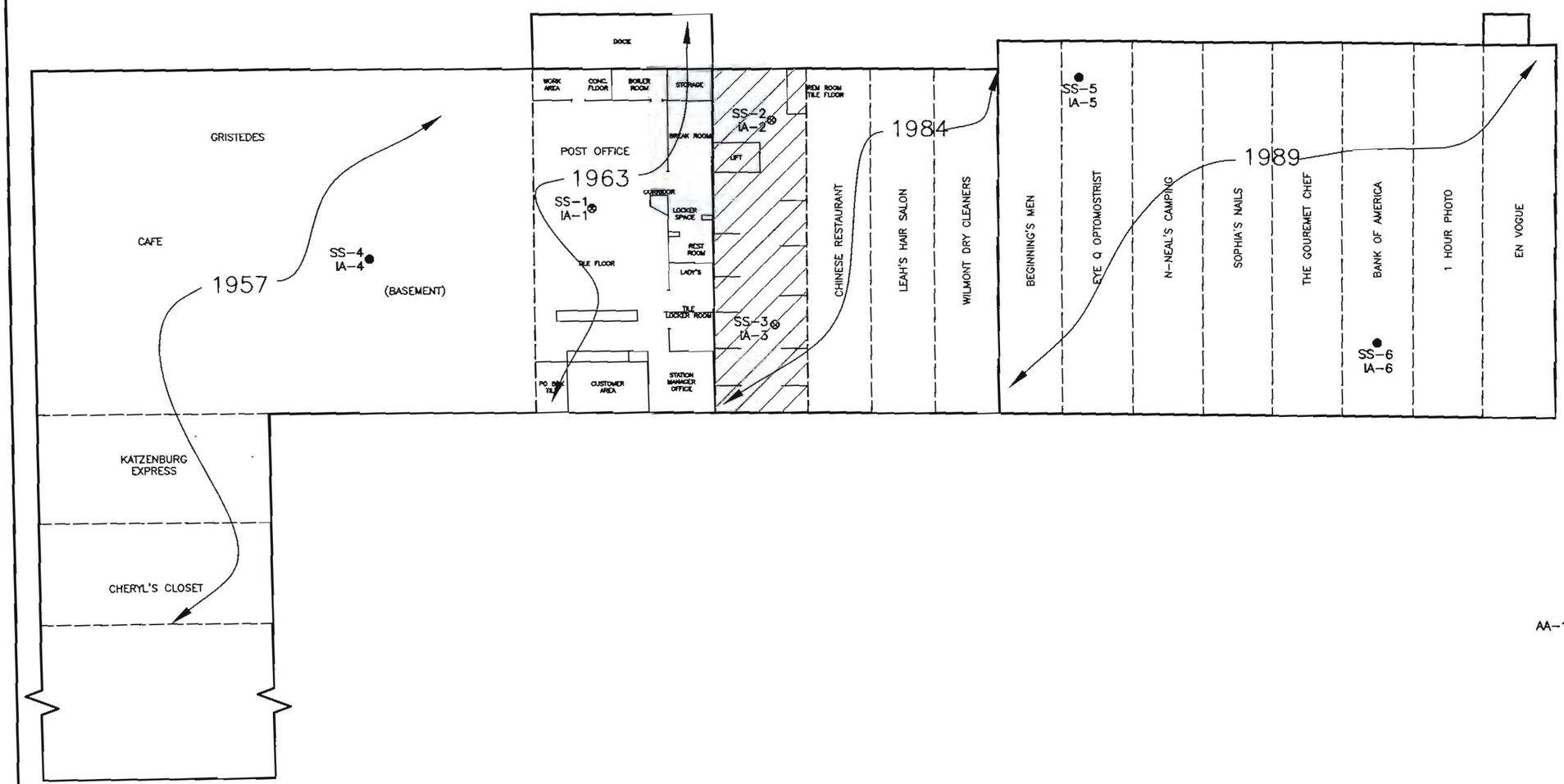
Sample Designation	NY State Background Levels	AA-1: Site-Specifie Background Sample	IA-4	IA-5	IA-6
Sample Location		Outdoor Upwind	Gristedes	Eye Q Optometrist	Bank of America
Date Collected		01/09/07	01/09/07	01/09/07	01/09/07
Dilution		1.75	1.75	1.71	1.71
Compound	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3
1,1,2,2-Tetrachloroethane	<0.25	5.6U	1.2U	1.31U	1.31U
1,1,1-Trichlorocthane (TCA)	0.38	4.5U	0.95U	0.93U	093U
1,1,2-Trichloroethane	<0.25	4.5U	0.95U	0.93U	0.93U
1,2,4-Trichlorobenzene	NA	24U	0.65U	0.63U	0.63U
1,1,2-Trichlorotrifluoroethane Freon (113)	NA	6.3U	1.3U	1.3U	1.3U
1,2,4-Trimethylbenzene	1.0	4.0U	0.86U	26	0.84U
1,3,5-Trimethylbenzene	0.44	4.0U	0.86U	7.4	0.84U
Acetone	23	10	600E	32	29
3-Chloropropene (allyl acetate)	NA	10U	N/A	N/A	N/A
Benzene	2.6	2.6U	1.4	3.9	1.3
Benzyl Chloride (alpha-Chlorotoluene)	NA	4.2U	0.90U	0.88U	0.88U
Bromoform	NA	8.5U	1.8U	1.8U	1.8U
Bromodichloromethane	NA	5.5U	1.2U	1.1U	1.1U
Bromomethane	<0.25	3.2U	0.68U	0.66U	0.66U
2-Butanone	NA	2.4U	3.2	4.6	2.0
1,3-Butadiene	NA	1.8U	0.39U	0.38U	0.38U
Carbon disulfide	NA	2.6U	2.7U	2.7U	2.7U
Carbon Tetrachloridc	0.68	5.2U	1.1U	1.1U	1.1U
Chlorobenzene	<0.25	3.8U	0.80U	0.79U	0.79U
Chloroform	<0.25	4.0U	0.85U	0.82J	0.83U
Chloromethane	NA	6.8U	1.2	0.35U	1.0
Chloroethane	NA	2.2U	0.46U	0.45U	0.45U
Cyclohexane	NA	2.8U	0.99	0.98	0.59U
Dibromochloromethane	NA	7.0U	1.5U	1.4U	1.4U
1,2- Dibromoethane	<0.25	6.3U	1.3U	1.3U	1.3U
1,2-Dichlorobenzene	<0.25	4.9U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	<0.25	4.9U	1.0U	7.3	1.0U
1,4-Dichlorobenzene	NA	4.6U	1.0U	1.0U	1.0U
1,1-Dichloroethane	<0.25	3.3U	0.71U	0.69U	0.69U
1,2-Dichloroethane	<0.25	3.3U	0.71U	0.69U	0.69U
1,1-Dichloroethene	<0.25	3.2U	0.69U	0.68U	0.68U
cis-1,2-Dichloroethene	<0.25	3.2U	0.69U	0.68U	0.68U

TABLE 2
GOLDEN HORSESHOE SHOPPING CENTER
RESULTS OF INDOOR AND AMBIENT AIR SAMPLES
SCARSDALE, NEW YORK
January 9, 2007

Sample Designation	NY State Background Levels	AA-1: Site-Specific Background Sample	IA-4	IA-5	IA-6
Sample Location		Outdoor Upwind	Gristedes	Eye Q Optometrist	Bank of America
Date Collected		01/09/07	01/09/07	01/09/07	01/09/07
Dilution		1.75	1.75	1.71	1.71
Compound	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3
trans-1,2-Dichloroethene	NA	3.2U	0.69U	0.68U	0.68U
1,2-Dichloropropane	<0.25	3.8U	0.81U	0.79U	0.79U
Cis-1,3-Dichloropropene	NA	3.7U	0.79U	0.78U	0.78U
Trans-1,3-Dichloropropene	NA	3.7U	0.79U	0.78U	0.78U
1,4-Dioxane	NA	12U	0.63U	2.7	0.62U
Dichloro-difluoro-methane (Freon 12)	NA	4.0U	2.6	2.3	2.6
Dichlorotertafluoroethane (Freon 114)	NA	5.7U	1.2U	1.2U	1.2U
Ethylbenzene	0.61	3.6U	0.78	25	0.74U
4-Ethyltoluene	NA	4.0U	0.86U	22	0.84U
Heptane	NA	3.4U	2.5	6.0	0.70U
Hexane	NA	2.9U	5.0	5.5	0.65
2-Hexanone	NA	13U	3.6U	3.5U	3.5U
Hexachloro -1,3-butadiene	NA	35U	9.3U	9.1U	9.1U
Isopropyl Alcohol (2-Propanol)	NA	8.1U	840E	7.4	2.8
m, p-Xylene	0.69	3.6U	1.7	100	0.87
Methylene chloride	2.0	2.8U	6.9	1.3	1.2U
Methyl tert-butyl ether	1.0	3.0U	0.63U	0.62U	0.62U
4-Methyl-2-pentanone	NA	3.4U	0.72U	0.70U	0.70U
o-Xylene	0.74	3.6U	0.77	23	0.74U
Styrene	<0.25	3.5U	0.74U	4.4	0.73U
Tetrachloroethene (PCE)	0.34	5.6U	9.9	2.4	1.7
Tetrahydrofuran	NA	2.4U	2.6U	2.5U	2.5U
Toluene	3.3	3.1U	29	81	2.7
Trichloroethene (TCE)	<0.25	4.4U	0.94U	0.92U	0.92U
Trichlorofluoromethane (Freon 11)	NA	4.6U	3.1	2.2	2.0
Vinyl Chloride	<0.25	2.1U	0.45U	0.44U	0.44U

Notes:
New York State Background Levels based upon NYSDOH Summary of Indoor and Outdoor Levels of Volatile Organic Compounds From Fuel Oil Heated Homes in NYS, 1997 to 2003. Unpublished. New York State Department of Health, Bureau of Toxic Substance Assessment.
ug/m^3= micrograms per cubic meter
NA = Not established
U=Not detected above laboratory reporting limit

TRC TRC COMPANIES, INC 1430 BROADWAY 10th FLOOR NEW YORK, NEW YORK 10018	Project No. 49632	Design By: JE	GOLDEN HORSESHOE SHOPPING CENTER SCARSDALE, NEW YORK	Date: JANUARY 2007
	Scale: NTS	Check By: WS		
	CAD File	Approve By:	SITE LOCATION MAP	Figure FIGURE 1



LEGEND

- STORE BOUNDARY
- SS-X / IA-X ⊗ — PREVIOUS MARCH 2006 SUB-SLAB VAPOR/ INDOOR AIR SAMPLE LOCATION AND IDENTIFICATION NO.
- SS-X / IA-X ● — CURRENT JANUARY 2007 SUB-SLAB VAPOR/INDOOR AIR SAMPLING LOCATION AND IDENTIFICATION NO.
- AREA OF POST OFFICE FORMERLY OCCUPIED BY DRY CLEANER
- 1989 — APPROXIMATE DATE OF CONSTRUCTION

EXTERNAL REFERENCES:
I:\Projects\49632 - Goldenhorse Shoe Mall\Cadd\Basemap.dwg

GOLDEN HORSESHOE SHOPPING CENTER
SCARSDALE, NEW YORK

TRC
TRC COMPANIES, INC
1430 BROADWAY 10th FLOOR
NEW YORK, NEW YORK 10018

DESIGNED BY:	DATE
WVS	FEBRUARY 2007
DRAWN BY:	SCALE:
SMOR	NTS
CHECKED BY:	PROJECT NUMBER
	49632-0000-00004

FIGURE 2

DRAWING TITLE:

PREVIOUS AND CURRENT SUB-SLAB VAPOR AND INDOOR AIR SAMPLING LOCATIONS

IA–4 INDOOR AIR	
SAMPLE DATE: 1/9/2007	DILUTION FACTOR: 1.75
COMPOUND	ug/m³
CARBON TETRACHLORIDE	1.1U
TETRACHLOROETHENE (PCE)	9.9
1,1,1–TRICHLOROETHANE	0.95U
TRICHLOROETHENE (TCE)	0.94U

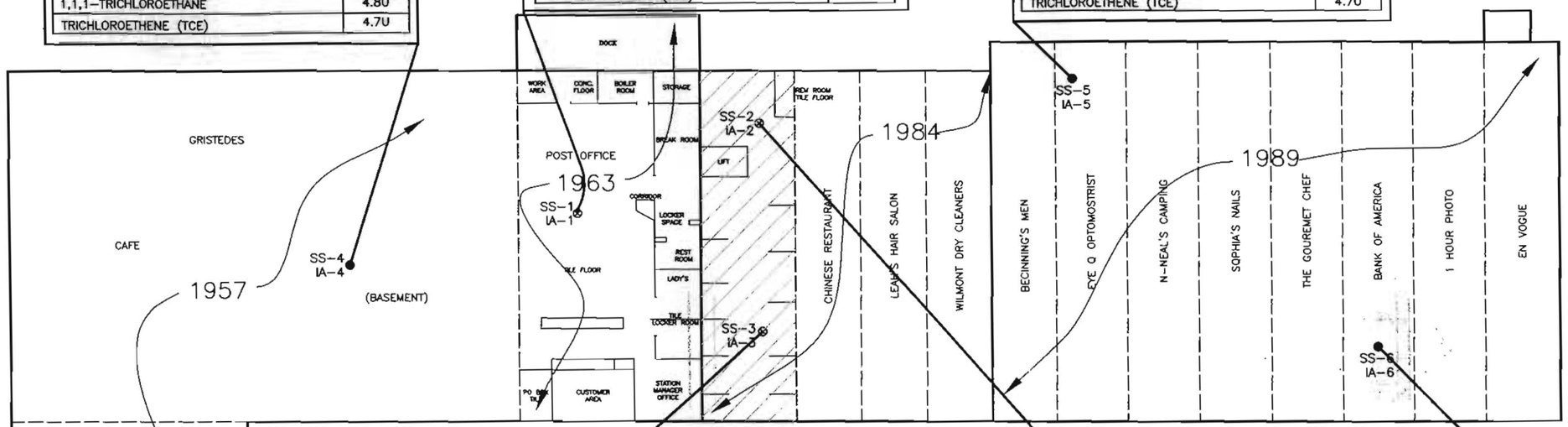
SS–4 SUBSLAB VAPOR	
SAMPLE DATE: 1/9/2007	DILUTION FACTOR: 1.75
COMPOUND	ug/m³
CARBON TETRACHLORIDE	5.5U
TETRACHLOROETHENE (PCE)	5.9U
1,1,1–TRICHLOROETHANE	4.8U
TRICHLOROETHENE (TCE)	4.7U

IA–1 INDOOR AIR	
SAMPLE DATE: 3/9/2006	DILUTION FACTOR: 2
COMPOUND	ug/m³
CARBON TETRACHLORIDE	0.76U
TETRACHLOROETHENE (PCE)	23.93
1,1,1–TRICHLOROETHANE	0.44
TRICHLOROETHENE (TCE)	0.43U

SS–1 SUBSLAB VAPOR	
SAMPLE DATE: 3/9/2006	DILUTION FACTOR: 4
COMPOUND	ug/m³
CARBON TETRACHLORIDE	1.51U
TETRACHLOROETHENE (PCE)	214.30
1,1,1–TRICHLOROETHANE	0.6U
TRICHLOROETHENE (TCE)	0.86U

IA–5 INDOOR AIR	
SAMPLE DATE: 1/9/2007	DILUTION FACTOR: 1.75
COMPOUND	ug/m³
CARBON TETRACHLORIDE	1.1U
TETRACHLOROETHENE (PCE)	2.4
1,1,1–TRICHLOROETHANE	0.93U
TRICHLOROETHENE (TCE)	0.92U

SS–5 SUBSLAB VAPOR	
SAMPLE DATE: 1/9/2007	DILUTION FACTOR: 1.75
COMPOUND	ug/m³
CARBON TETRACHLORIDE	5.5U
TETRACHLOROETHENE (PCE)	5.9U
1,1,1–TRICHLOROETHANE	4.8U
TRICHLOROETHENE (TCE)	4.7U



IA–3 INDOOR AIR	
SAMPLE DATE: 3/9/2006	DILUTION FACTOR: 4
COMPOUND	ug/m³
CARBON TETRACHLORIDE	1.51U
TETRACHLOROETHENE (PCE)	34.29
1,1,1–TRICHLOROETHANE	0.65
TRICHLOROETHENE (TCE)	4.08

SS–3 SUBSLAB VAPOR	
SAMPLE DATE: 3/9/2006	DILUTION FACTOR: 10
COMPOUND	ug/m³
CARBON TETRACHLORIDE	3.85U
TETRACHLOROETHENE (PCE)	474.87
1,1,1–TRICHLOROETHANE	1.53U
TRICHLOROETHENE (TCE)	12.35

IA–2 INDOOR AIR	
SAMPLE DATE: 3/9/2006	DILUTION FACTOR: 4
COMPOUND	ug/m³
CARBON TETRACHLORIDE	1.51U
TETRACHLOROETHENE (PCE)	30.75
1,1,1–TRICHLOROETHANE	0.65
TRICHLOROETHENE (TCE)	5.15

SS–2 SUBSLAB VAPOR	
SAMPLE DATE: 3/9/2006	DILUTION FACTOR: 10
COMPOUND	ug/m³
CARBON TETRACHLORIDE	3.85U
TETRACHLOROETHENE (PCE)	153.07
1,1,1–TRICHLOROETHANE	1.53U
TRICHLOROETHENE (TCE)	3.76

IA–6 INDOOR AIR	
SAMPLE DATE: 1/9/2007	DILUTION FACTOR: 1.71
COMPOUND	ug/m³
CARBON TETRACHLORIDE	1.1U
TETRACHLOROETHENE (PCE)	1.7
1,1,1–TRICHLOROETHANE	0.93U
TRICHLOROETHENE (TCE)	0.92U

SS–6 SUBSLAB VAPOR	
SAMPLE DATE: 1/9/2007	DILUTION FACTOR: 1.71
COMPOUND	ug/m³
CARBON TETRACHLORIDE	5.6U
TETRACHLOROETHENE (PCE)	13
1,1,1–TRICHLOROETHANE	4.9U
TRICHLOROETHENE (TCE)	4.8U

AA–1 OUTSIDE AMBIENT AIR	
SAMPLE DATE: 1/9/2007	DILUTION FACTOR: 1.75
COMPOUND	ug/m³
CARBON TETRACHLORIDE	5.2U
TETRACHLOROETHENE (PCE)	5.6U
1,1,1–TRICHLOROETHANE	4.5U
TRICHLOROETHENE (TCE)	4.4U

LEGEND

STORE BOUNDARY

SS–X / IA–X ⊗ — PREVIOUS MARCH 2006 SUB-SLAB VAPOR/ INDOOR AIR SAMPLE LOCATION AND IDENTIFICATION NO.

SS–X / IA–X ● — RECENT JANUARY 2007 SUB-SLAB VAPOR/INDOOR AIR SAMPLING LOCATION AND IDENTIFICATION NO.

AREA OF POST OFFICE FORMERLY OCCUPIED BY DRY CLEANER

1989 — APPROXIMATE DATE OF CONSTRUCTION

U — NOT DETECTED ABOVE LABORATORY REPORTING LIMIT

NOTE:

RESULTS OF ANALYSES OF COMPOUNDS WHICH NYSDOH HAS ESTABLISHED GUIDANCE FOR ARE SHOWN.

EXTERNAL REFERENCES:
I:\Projects\49632 - Goldenhorse Shoe Mall\Cadd\Basemap.dwg

GOLDEN HORSESHOE SHOPPING CENTER
SCARSDALE, NEW YORK

TRC
TRC COMPANIES, INC
1430 BROADWAY 10th FLOOR
NEW YORK, NEW YORK 10018

DESIGNED BY	DATE
WVS	FEBRUARY 2007
DRAWN BY	SCALE
SMOR	NTS
CHECKED BY	PROJECT NUMBER
	49632-0000-00004

FIGURE 3

DRAWING TITLE

PREVIOUS AND RECENT SUB-SLAB VAPOR AND INDOOR AIR SAMPLING LOCATIONS

APPENDIX A
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY

OSR-3

Eye Q Optometrist

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 Sam Monte Date/Time Prepared 11/9/07

Preparer's Affiliation TRC Phone No. 212 221 7822

Purpose of Investigation Soil Gas Investigation

1. OCCUPANT:

Interviewed: Y (N) Eye Q Optometrist

Last Name: _____ First Name: Susan

Address: 1130 Wilmot Rd

County: Westchester

Home Phone: _____ Office Phone: 914 472 5932

Number of Occupants/persons at this location 2 Age of Occupants 18 - 70

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

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

Eye care center & Eyeglass sales

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini RAE 2000 PID

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

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y/N
Utility closet	Scrubbing Bubbles	1			0.0	
	Fantastic	1				
	A Jax	1				
	Soft Scrub	1				
	Spray Way 55 Women	1				
	Liquid Nail Adhesive	1	unopened			
	WD-40	1				
	AMONIA	1				
	Lysol	1				
	Glade Air Fresh	1				
	Two		Shops East Of			
			Dry	Cleaners		

* 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.

OSR-3

Bank of America

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 Sam Monte Date/Time Prepared 11/9/07

Preparer's Affiliation TRC Phone No. 212 221 7822

Purpose of Investigation Soil Gas Investigation

1. OCCUPANT:

Bank of America

Interviewed (Y / N)

Last Name: _____ First Name: Marianne

Address: 1140 Wilmot Road

County: Westchester

Home Phone: _____ Office Phone: 800-841-4000

Number of Occupants/persons at this location 10 Age of Occupants 18 - 70

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

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: Bank

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MiniRAE 2000 PID

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

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Bathroom	CLR	1	Good		0.0	
	SPARTAN Disinfectant	1	↓		↓	
SA	20 Allpurpose Cleaner	1	↓		↓	
	spring time Allpurpose cleaner	1	↓		↓	
	Butcher glass cleaner	1	↓		↓	
	Windex	1	↓		↓	

* 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.

OSR-3

Gristedes

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 Sam Monte Date/Time Prepared 1/9/07

Preparer's Affiliation TRC Phone No. 212 221 7822

Purpose of Investigation Soil Gas Investigation

1. OCCUPANT: Gristedes Grocery

Interviewed: Y / N

Last Name: Cooper First Name: Dana

Address: 1100 Wilmot Rd

County: Westchester

Home Phone: _____ Office Phone: 914 725 3234

Number of Occupants/persons at this location _____ Age of Occupants _____

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

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

Grocery & Tone

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: M.N. RAE 2000 PID

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

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y/N
Basement	Sanitizer	3+			0.0	
	Glass Cleaner	3+				
	Vanguard Glass Cleaner	3+				
	Liquid Plumber	3				
	Behr Floor Paint	2gal				
	Hot Spot insect spray	1 can				
	Lysol Spray	1 can				
	Wax Stripper	2gal				
Retail	Store					
	All Home Cleaning					
	Supplies Normally Found					
	in Home. All SEALED.					

* 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.